



# FEDERAL OPERATING PERMIT

Permit No.: **62900262**

Company: **Specialty Minerals, Inc**

Facility: **Specialty Minerals, Inc**

Issue date: **July 18, 2016**

Expiration date: **July 18, 2021**

**MOJAVE DESERT  
AIR QUALITY  
MANAGEMENT  
DISTRICT**

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A handwritten signature in blue ink, reading 'Brad Poiriez', is written over a horizontal line.

Signed and issued by

**BRAD POIRIEZ**

*EXECUTIVE DIRECTOR/*

*AIR POLLUTION CONTROL OFFICER*

## **PERMIT REVISIONS**

### **November 2019 Administrative Permit Amendment described as follows;**

Per October 2019 facility inspection the following updates/permit cleanup are being made.

C000635- revised baghouse pickup point in permit description.

C000659- removed reference to Feed Storage System in equipment description.

C008969- revised pickup point detail to include Raymond Mill No. 7 Feed Bin.

B000617- update permit to reflect that C000635 (DCL 15) operates concurrent with this equipment.

Change “Responsible Official” to Robb Graves, Plant Manager and change site contact to Del Curtis, EHS Manager.

### **February 13, 2018 Administrative Permit Amendment described as follows;**

The purpose of this update is to incorporate the Mojave Desert AQMD source test policy (deadline, notification, test plan, performance, report) requirements. The following permit units and sections of this Title V are being updated;

<u>District Permit No.</u>	<u>Section of Title V</u>
C008972	III.DR.8
C000659	III.BW.10
C000684	III.BZ.8
C007770	III.DL.8
C007776	III.DM.8

### **October 25, 2017 Minor Permit Modification described as follows;**

A permit application was received to add one bulk storage trailer to North Dock Loadout, Part III.R, including placement of achieved in practice BACTemission limitation to Part III.BP.6, and operating limit to Part III.EA.4. This action is proposed in the Districts Preliminary Decision/Determination Dated 10/24/2017.

Additionally, minor formatting updates were made to improve program consistency.

### **July 19, 2017 Minor Modification described as follows;**

Applicant proposes to revise the permit for 24 dust collectors (units) to use an outlet grain loading of 0.01 gr/dscf. This proposed outlet grain loading is the standard value used in most dust collector permits, and is higher than the gr/dscf source test results from all source-tested units at SMI. Many other dust collector units at SMI have undergone source-testing, and their actual emissions are much lower than the proposed limits for the 24 units. The existing grain loading limits are based on Rule 404- *Particulate Matter Concentration*.

Again, this permit update is at the request of the facility, and is an effort to better account for PM10 emissions from a fabric filter baghouse. This update is not subject to New Source Review

as it does not introduce new equipment or modify existing equipment at the facility. The applicable PM concentration limits found in District Rule 404 continue to be met by these units (as the revised limits are more stringent). The following Parts of this FOP are proposed for revision.

District Permit	Description	Title V Part
C000629	BAGHOUSE - DCL 17	BG.5
C000630	BAGHOUSE - DCL 19	BH.5
C000634	BAGHOUSE - DCL 14 (RAYMOND MILL No. 4)	BJ.5
C000635	BAGHOUSE - DCL 15 (TRUCK LOADOUT, RAYMOND MILL No. 4)	BK.5
C000636	BAGHOUSE - DCL 21	BL.5
C000638	BAGHOUSE - DCL 25 (NO. 1 RAYMOND MILL SYSTEM)	BM.5
C000643	BAGHOUSE - DCL 32 (RAYMOND MILL No. 3)	BO.5
C000649	BAGHOUSE - DCL 36	BQ.5
C000651	BAGHOUSE - DCL 35	BR.5
C000652	BAGHOUSE - DCL 37	BS.5
C000653	BAGHOUSE - DCL 34	BT.5
C000655	BAGHOUSE - DCL 31 (RAYMOND MILL NO. 5)	BU.5
C000678	BAGHOUSE - DCL 12	BX.5
C000685	BAGHOUSE - DCL 10	CA.5
C000695	BAGHOUSE - DCL 30	CC.5
C000711	BAGHOUSE - DCL 43 (METSTONE FEED SYSTEM)	CD.5
C000713	BAGHOUSE - DCL 27	CF.5
C000714	BAGHOUSE - DCL 38	CG.5
C000716	BAGHOUSE - DCL 46	CH.5
C001890	BAGHOUSE - DCL 45	CI.5
C002344	BAGHOUSE - DCL 16	CT.5
C002348	BAGHOUSE - DCL 24	CW.5
C003257	BAGHOUSE - DCL 63	DD.5
C003714	BAGHOUSE - DCL 91	DG.5

*Changes by C. Anderson*

**February 16, 2017 Administrative Permit Amendment described as follows;**

Permit updates stem from source inspection. Due to the complexities associated with the arrangement of the source equipment, namely visual obstructions, the equipment descriptions on the permit (and in some cases permit condition) have been found inaccurate and in need of update. In addition, the source proposes that the prescribed pressure differential operating range

on several baghouses is inaccurate and infeasible. The District agrees with the facility proposed changes as follows;

B002300 – Revise Condition AK.2. to indicate Dust Collector DCL 43 (District Permit C000711) operates concurrent with this unit.

C002397 (DCL 71) – Update equipment description to allow owner/operator to use filter bags or cartridges while maintaining air to cloth ratio at originally permitted ratio or better.

T002317 – Revise condition ED.1. to indicate this unit vents to baghouse DCL 71 (not DCL 70 as previously indicated) under valid District permit C002397.

C000656 – Revise pressure differential operating range (Condition BV.8) per facility request as the current "...is not practical and would actually be considered a plugging condition on this equipment. The range this unit has historically operated at are in the range of 1.0" to 6.5" ". A review of equipment operations confirm this updated operating range is acceptable and provides reasonable assurance that the equipment is operating correctly.

C000632 - Revise pressure differential operating range (Condition BI.8) per facility request as the current "...range values for this unit are too narrow. Historically I (source) have observed readings as low as 1.5" and peaked at 10.5" and the system was functioning correctly at these times." A review of equipment operations confirm this updated operating range is acceptable and provides reasonable assurance that the equipment is operating correctly.

*(Changes by C. Anderson)*

**August 8, 2016 Minor Permit Modification described as follows;**

Permit C000635 equipment description revised to indicate pickup point from unit is at the drop point from CBE40 to CBE41. Also update to condition 2 to indicate equipment shall operate concurrent with CBE40 for Raymond mill 3, 4, 5, and 6. These updates do not result from physical changes but rather a commitment to better describe source.

**June 2016 Renewal Updates (For a complete description of updates see SLFB)**

Part III initial compliance test condition was satisfied by initial test and has been removed from FOP for the following units;

C000644, C008969, C008972, C009063, C009762, C009763, B000663, B000710, B009461, T000648, T008970, C000712, T008970, C008974, B009062, B008971.

Diesel Engine (MDAQMD Permit No's. E008743 and E002367) update with applicable RICE NESHAP (40 CFR part 63 subpart ZZZZ) requirements.

Added permits E008743 and B011734.

C000636, removed reference to B000610 from Condition 2.

C000635, changed description from (TRUCK LOADOUT, RAYMOND MILL No. 4) to (CBE40 DROP POINT TO CBE41). Changed condition 2 to operate concurrently with B000645.

B000612, changed C000635 in condition 2 to C00634.

B000645, changed description to add CBE40.

C000684, added B000614, B000688, B002304, and B000694 to condition 2. Removed B000663 and B002301 from condition 2.

C003713, added B000615 to description.  
B000615, added B000615 to condition 2.  
B000637, removed DCLs 23 & 24 (C000641 and C002348) from condition 2.  
C000632, added B000663 to condition 2.  
C002143, added B000664 to system description.  
B000664, updated the conveyor belts and descriptions.  
C007770, added B000667 to condition 2.  
C000673, removed reference to DCL32 and C000643.  
C000679, added B000680 and B002307 to condition 2. Updated the pickup points.  
B002300, removed reference to DCL 60 (C002329).  
C000714, added B002302 to condition 2.  
B003038, removed references to DCL 75, 76, and 84.  
C008969, added B008971 and T008973 to condition 2.  
B008971, removed reference to DCL 790.  
C000659, removed reference to B002303 in condition 2.  
C002338, changed condition 2 from "operates concurrently with" to "serves".  
C002341, condition 2 changed to operate concurrently with Bin L101.  
C003257, changed reference from B002304 to T002322.  
T004364, added condition 2. Changed B000640 to B000670.  
C008374, changed condition 2 from "operates concurrently with" to "serves".  
B000694, added C008375 to condition 2.  
B005116, added C008375 to condition 5.  
T008970, added C008974 to condition 2.  
T002317, removed B000611 from condition 1. Changed DCL 70 to DCL 71.  
C000634, added T002325 to condition 2.  
C000655, changed DCL 32 to DCL 31.  
C000643, changed DCL 31 to DCL 32.  
C004600, changed description and pickup points.  
C001890, updated pickup points.  
C000630, updated pickup points.  
C000678, updated pickup points.  
C008374, C002344, C007777, C002338, C003257, changed "fan" to "bin vent".

### **June 13, 2011 Administrative Permit Amendment**

Updated all applicable baghouse District permits with current 40 CFR Part 60, Subpart OOO citation for PM requirements (changed "40 CFR 60.672(a)(2)" to "40 CFR 60.672(a)(2)". This amendment included in the final Reissued FOP.

*Changes by C. Anderson*

### **March 8, 2011 Reissue Title V permit for new five (5) year term, March 12, 2011 through March 12, 2016**

#### **The following outlined changes accompany this reissuance;**

Part I, (C) and Part III- C000628 (BF), C000687 (CB), C009064 (EU) - *Equipment removed from service. District permits cancelled.*

Part I, (C) and Part III- B009460 (EX), C009459 (FB), B009458 (EW), C009457 (FA), C009764

(DV), C009765 (DW) – *Equipment not constructed, District permits cancelled*

Part III,

B009062 (ES) condition #9 removed since C000628 and C000687 have been removed from service.

B000611 (D), updated reference to C002143 as a dust suppression system (not a baghouse).

B000664 (U), updated reference to C002143 as a dust suppression system (not a baghouse).

B005116 (BC), inserted word “month” in condition 3 to clarify reporting period.

T000648 (EA), revised description.

B000658 (R), condition #1 duplicative of condition #3, revised to reflect language consistent with District permit. Remove “D” Packaging System from equipment description; remove DCL 88 and reference to C009471 in condition #2.

B009461 (EY), updated Part I and III with revised equipment description and conditions to reflect change from stationary diesel to mobile diesel engine and to update NSPS OOO requirements and District Reg IV requirements.

B002366 (AY), condition #5 updated with present fuel sulfur limit. Revised description to reference horsepower.

C000712 (CE) added existing “CBE44” pick-up pt to equipment description to bring current.

B000662 (S) added ROT 79 DCL 79 and C003432 to description and/or conditions.

B000662 (S) and B008971 (BD) Revised VE monitoring requirements. C0003432 (DE), revised condition #2 to reflect that this equipment controls District Permit B000662 not B000667.

Attachment A; NSPS OOO language updated consistent with most recent amendment.

Part II, Updated language to reflect requirements of for District Rules 219, 312, 442, 444, and 1116 based on amendments to these rules since last renewal.

*(Changes made by C. Anderson)*

**May 3, 2007 Administrative Permit change described as follows:**

(Change processed by Samuel J. Oktay) Added new Truck and Railcar Loadout equipment, and modified existing equipment as indicated. Net change results in emissions decrease. Permits affected include; B000662 (Modified); B009455 (Cancelled); C009456 (Cancelled); C003432 (Modified); C009762 (New); C009763 (New); C009764 (New); and C009765 (New).

**March 12, 2006 Re-issue Title V Permit for New Five Year Term, March 12, 2006 through March 12, 2011**

**January 25, 2006 Significant Permit Modification described as follows:**

A new source review action that adds a new bins and bin vents, adds a packaging system, adds a portable crushing and screening system, adds dual-fuel capability and increases the fuel limit for an existing dryer, adds dust control equipment and makes administrative revisions. This action results in no net increase of regulated pollutants for which the facility is major through the use of simultaneous emission reductions, and does not make the facility major for any additional pollutants.

Modification to B000654, B000663, B008971, B009062, B003038, C003040, B000658, C000644, B002366, B009062 and T000648; deletion of B003635 and C002330; addition of B009455, C009456, B009458, C009457, B009460, C009459, and B009461.

Updated Part I to include new and modified permits.

Updated Part III to include all new and modified permit conditions.

**January 20, 2006 Administrative Permit Amendment described as follows:**

Updated Part III to reflect corrected Raymond Mill No. 7 burner (B008971) NO<sub>x</sub> emission factor in response to December 8, 2005 letter from Geomatrix on behalf of Specialty Minerals.

**October 1, 2004 Significant Permit Modification described as follows:**

A new source review action that adds a new Raymond mill and related handling, storage and emissions control equipment – the action results in no net increase through the use of simultaneous emission reductions. Modification to B000663 and B000710, addition of B008971, modification of C000659 and C000712, Addition of C008969, C008972, C008974, T008970, and T008973.

Updated Part I to include new and modified permits.

Updated Part III to include all new and modified permit conditions.

**March, 2004 Significant Permit Modification described as follows:**

A new source review action that adds a new fine grind classifier circuit and related handling, storage and emissions control equipment, and increased product throughput in connected process lines. This action results in no net increase through the use of simultaneous emission reductions. Modification to B002366, B003038, and B005116; addition of B009062, C009063, and C009064.

Updated Part I to include new and modified permits.

Updated Part III to include all new and modified permit conditions.

**September 22, 2003 Significant Permit Modification described as follows:**

Revise Title Page to reference page 2 for permit modification summaries.

Insert new page 2 and added detailed summaries for previous and current Title V changes.

Revised entire Title V format and page numbering.

Updated Part I to include all current permits and current permit descriptions.

Updated Part III to include all current permits and permit conditions, and clarified and expanded citations.

**October 11, 2002 Reopened**

Notified USEPA and Specialty Minerals that this Title V federal operating permit was being reopened per Rule 1206(A)(1)(c)(i) at Specialty Minerals' request to correct material mistakes, in particular inconsistencies with local (state) permit condition language.

**March 20, 2002 Minor Amendment/Modification**

Updated some Part III conditions for consistency with previously approved USEPA wording in other Title V federal operating permits.

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## PART I INTRODUCTORY INFORMATION

### A. FACILITY IDENTIFYING INFORMATION:

Owner/Company Name: Specialty Minerals, Inc.  
Facility Name: Specialty Minerals, Inc.  
Facility Location: At the end of Meridian Road, Lucerne Valley, California 92356  
Mailing Address: P.O. Box 558, Lucerne Valley, CA 92356  
Federal Operating Permit Number: 62900262  
MDAQMD Company Number: 629  
MDAQMD Facility Number: 00262  
Responsible Official: Robb Graves  
Plant Manager  
(760) 248-5347  
robb.graves@mineralstech.com  
Facility "Site" Contact(s): Del Curtis  
EHS Manager  
(760) 248-5327  
[delbert.curtis@Mineralstech.com](mailto:delbert.curtis@Mineralstech.com)  
Facility "Offsite" Contact(s) NA  
Nature of Business: Limestone Quarry and Crushing Operation  
SIC/NAICS Code: 1422 – Crushed and Broken Limestone  
Facility Coordinates UTM (km) 491E/3831N

**B. DESCRIPTION OF FACILITY:**

Federal Operating Permit (FOP number: 62900262) is for Specialty Minerals, Inc. (SPECIALTY MINERALS, INC., located at the end of Meridian Road, in Lucerne Valley, California). SPECIALTY MINERALS, INC. is a Limestone Quarrying and Crushing facility. The basic product of the facility is a range of particle sizes of limestone. This is accomplished through mining and transportation of the limestone to crushers, screening equipment, grinders and packaging and shipping of the final products. Additional emitting equipment at the facility includes a diesel fuel fired dryer, storage silos for various intermediate and/or final products, a pneumatic transfer system, packaging equipment, an emergency electricity generator, a gasoline storage tank, a diesel storage tank, a propane storage tank, a waste oil tank and vehicles and transportation equipment. Space heating, steam cleaning, comfort air-conditioning equipment, natural draft ventilators, vacuum cleaning equipment and laboratory equipment venting through hoods are also present.

SMI is a Major Facility for PM10 criteria pollutant emissions and is not a Major Facility for all other pollutants including hazardous air pollutants (HAPs).

**C. EQUIPMENT DESCRIPTION:**

LISTED AS: MDAQMD PERMIT # / EQUIPMENT DESCRIPTION  
(Detailed Equipment Description and Permit Conditions Listed in Part III)

B000607	69 GRIT TRUCK LOADOUT
B000609	HI-PFLEX LOADOUT
B000610	HI-PFLEX SUPERFILL PACKERS
B000611	PRIMARY ROCK CRUSHER
B000612	TRUCK LOADOUT - RAYMOND MILL No. 4
B000614	PACKAGING CENTER #3
B000615	BLENDER MAKE-UP SYSTEM
B000616	GRANULES PLANT (ROOF ROCK) SCREENING SYSTEM
B000617	TRUCK RAILROAD LOADOUT SYSTEM FOR GRANULES PLANT (ROOF ROCK)
B000621	PACKER SYSTEM FOR No. 1 RAYMOND MILL
B000622	PACKER SYSTEM FOR No. 2 RAYMOND MILL
B000624	PACKER 21 PEBBLE MILL #1
B000626	PACKER No. 14 FOR PEBBLE MILL No. 2
B000637	HI-PFLEX SYSTEM
B000645	FEED SYSTEM FOR RAYMOND Nos. 3, 4, & 5

B000647 RAYMOND MILL PRODUCT HANDLING & STORAGE SYSTEM  
B000654 RAYMOND MILL No. 5  
B000658 NORTH DOCK LOADOUT AND RECLAIM SYSTEM  
B000662 GLASS SAND TRUCK AND RAILROAD LOADOUT  
B000663 DRIER SIZER SYSTEM  
B000664 STONE STOCKPILE LOADING BELT SYSTEM  
B000665 CRUSHED FINES  
B000667 GLASS SAND FEED SYSTEM  
B000669 PEBBLE MILL No. 1  
B000670 PEBBLE MILL No. 2 SYSTEM  
B000672 RAYMOND MILL No. 4  
B000673 RAYMOND MILL No. 3 SYSTEM  
B000674 RAYMOND MILL No. 2 SYSTEM  
B000675 RAYMOND MILL No. 1 SYSTEM  
B000680 MILL SCREENING - PRIMARY SYSTEM  
B000683 BULK DUST TRUCK LOADOUT FROM 115 TON SILOS TO TRUCK  
LOADOUT  
B000688 BLENDER 65 TON BIN LOADOUT  
B000694 SOUTH PACKER MOBILE STATION  
B000709 METSTONE LOADOUT, RR AND TRUCK SYSTEM  
B000710 MET-STONE CONVEYOR FEED SYSTEM  
B000715 RANGER 8 PACKAGING  
B002300 STONE WITHDRAWAL SYSTEM  
B002301 CAGE MILL CIRCUIT  
B002302 RECLAIM SYSTEM TO FEED BINS  
B002303 FEED SYSTEM TO BLENDER STORAGE  
B002304 BLENDER FEED SYSTEM TO SILOS  
B002305 SECONDARY MILL SCREENING SYSTEM  
B002306 PACKER SYSTEM FOR GRIT  
B002307 RAYMOND MILLS 1 & 2 DISCHARGE SYSTEM  
B002308 PUMPING HOPPERS SYSTEM (RAYMOND MILL No. 1 AND No. 2)  
B002310 TRANSFER SYSTEM (15/15) TO HI-PFLEX SUPERFILL SYSTEM  
B002311 TURBO SYSTEM No. 1  
B002312 TURBO PRODUCT HANDLING SYSTEM  
B002313 TURBO SYSTEM No. 2  
B002314 TURBO PACKER SYSTEM  
B002366 DRYER, OIL FIRED (DRIER SIZER SYSTEM)  
B003038 RAYMOND MILL No. 6 SYSTEM  
B005018 VICRON 31-6 BULK LOADOUT  
B005116 AUTOMATED PACKAGING CENTER #2

B008971 RAYMOND MILL NO. 7 MILL AND HEATER SYSTEM  
B009062 RAYMOND MILL FINE GRIND CLASSIFIER CIRCUIT  
B009461 CRUSHING AND SCREENING, MOBILE  
B011734 TRAILER MOUNTED FEEDER AND CONVEYOR  
C000627 BAGHOUSE - DCL 01  
C000629 BAGHOUSE - DCL 17  
C000630 BAGHOUSE - DCL 19  
C000632 BAGHOUSE - DCL 03  
C000634 BAGHOUSE - DCL 14 (RAYMOND MILL No. 4)  
C000635 BAGHOUSE - DCL 15 (TRUCK LOADOUT, RAYMOND MILL No. 4)  
C000636 BAGHOUSE - DCL 21  
C000638 BAGHOUSE - DCL 25 (NO. 1 RAYMOND MILL SYSTEM)  
C000641 BAGHOUSE - DCL 23  
C000643 BAGHOUSE - DCL 31 (RAYMOND MILL No. 3)  
C000644 BAGHOUSE - DCL 33 (NORTH DOCK PRODUCT  
LOADOUT/PACKAGING AREA)  
C000649 BAGHOUSE - DCL 36  
C000651 BAGHOUSE - DCL 35  
C000652 BAGHOUSE - DCL 37  
C000653 BAGHOUSE - DCL 34  
C000655 BAGHOUSE - DCL 32 (RAYMOND MILL NO. 5)  
C000656 BAGHOUSE - DCL 04 (DRIER SIZER SYSTEM)  
C000659 BAGHOUSE - DCL 28  
C000678 BAGHOUSE - DCL 12  
C000679 BAGHOUSE - DCL 11  
C000684 BAGHOUSE - DCL 07  
C000685 BAGHOUSE - DCL 10  
C000695 BAGHOUSE - DCL 30  
C000711 BAGHOUSE - DCL 43 (METSTONE FEED SYSTEM)  
C000712 BAGHOUSE - DCL 42  
C000713 BAGHOUSE - DCL 27  
C000714 BAGHOUSE - DCL 38  
C000716 BAGHOUSE - DCL 46  
C001890 BAGHOUSE - DCL 45  
C002143 DUST SUPPRESSION SPRAY SYSTEM - DCL 81  
C002328 BAGHOUSE - DCL 66  
C002329 BAGHOUSE - DCL 60  
C002332 BAGHOUSE - DCL 61  
C002334 BAGHOUSE - DCL 09  
C002338 BAGHOUSE - DCL 22

C002340 BAGHOUSE - DCL 44  
C002341 BAGHOUSE - DCL 64  
C002343 BAGHOUSE - DCL 47  
C002344 BAGHOUSE - DCL 16  
C002346 BAGHOUSE - DCL 52  
C002347 BAGHOUSE - DCL 62  
C002348 BAGHOUSE - DCL 24  
C002349 BAGHOUSE - DCL 50  
C002396 BAGHOUSE - DCL 72 (METSTONE RAIL/TRUCK LOADOUTS)  
C002397 BAGHOUSE - DCL 71  
C003018 BAGHOUSE - DCL 78  
C003039 BAGHOUSE - DCL 74  
C003040 BAGHOUSE - DCL 73  
C003257 BAGHOUSE - DCL 63  
C003432 BAGHOUSE - DCL 79  
C003713 BAGHOUSE - DCL 92  
C003714 BAGHOUSE - DCL 91  
C004434 BAGHOUSE - DCL 70  
C004475 BAGHOUSE - DCL 80  
C004600 BAGHOUSE - DCL 26  
C004830 BAGHOUSE - DCL 93  
C007770 BAGHOUSE - DCL 94  
C007776 BAGHOUSE - DCL 29  
C007777 BAGHOUSE - DCL 18  
C008374 BAGHOUSE - DCL 08  
C008375 BAGHOUSE - DCL 05  
C008969 BAGHOUSE - DCL 941  
C008972 BAGHOUSE - DCL 740  
C008974 BAGHOUSE - DCL 790  
C009063 BAGHOUSE - DCL 77 (RAYMOND MILL CLASSIFIER)

C009762 BAGHOUSE – DCL 53 (GLASS SAND RAILROAD LOADOUT)  
C009763 BAGHOUSE – DCL 54 (GLASS SAND TRUCK LOADOUT)  
E002367 GENERATOR - DIESEL ENGINE DRIVEN  
E008743 EMERGENCY AIR COMPRESSOR  
T000640 STORAGE FEED SILO (HI-PLEX QUAD BIN)  
T000642 STORAGE BIN FEED SYSTEM  
T000648 RAYMOND MILL PRODUCT STORAGE AND LOADOUT  
T000686 STORAGE SYSTEM - HOT DUST  
T002316 STORAGE - CRUSHED ROCK FINES

T002317 STORAGE - ROCK FINES (500 TON BIN)  
T002318 OVERFLOW STORAGE TANK  
T002319 STORAGE BINS - MILL FEED  
T002320 SILO - BLENDER STORAGE BINS  
T002321 STORAGE - GLASS SAND SILOS  
T002322 STORAGE - BLENDER 65 TON LOADOUT SILOS  
T002323 STORAGE BIN SYSTEM  
T002324 RANGER 8 AND PACKING SILO  
T002325 RAYMOND MILL BULK BIN  
T002326 VICRON STORAGE BIN (10/2)  
T002327 FUEL OIL STORAGE TANK  
T003711 STORAGE BIN (BLENDER 175)  
T004364 STORAGE - VICRON (BIG BERT)  
T008970 RAYMOND MILL NO.7 PRODUCT STORAGE AND LOADOUT  
T008973 RAYMOND MILL NO. 7 FEED BIN

**PART II**  
**FACILITYWIDE APPLICABLE REQUIREMENTS; EMISSIONS**  
**LIMITATIONS; MONITORING, RECORDKEEPING, REPORTING AND**  
**TESTING REQUIREMENTS; COMPLIANCE CONDITIONS;**  
**COMPLIANCE PLANS**

**A. REQUIREMENTS APPLICABLE TO ENTIRE FACILITY AND EQUIPMENT:**

1. A permit is required to operate this facility.  
[Rule 203 - *Permit to Operate*; Version in State Implementation Plan (SIP) = California Air Resources Board (CARB) Ex. Order G-73, 40 Code of Federal Regulations (CFR) 52.220(c)(39)(ii)(B) - 11/09/78 43 Federal Register (FR) 52237; Current Rule Version = 07/25/77]
2. The equipment at this facility shall not be operated contrary to the conditions specified in the District Permit to Operate.  
[Rule 203 - *Permit to Operate*; Version in SIP = CARB Ex. Order G-73, 40 CFR 52.220(c)(39)(ii)(B) - 11/09/78 43 FR 52237; Current Rule Version = 07/25/77]
3. The Air Pollution Control Officer (APCO) may impose written conditions on any permit.  
[Rule 204 - *Permit Conditions*; Version in SIP = CARB Ex. Order G-73, 40 CFR 52.220(c)(39)(ii)(B) - 11/09/78 43 FR 52237; Current Rule Version = 07/25/77]
4. Commencing work or operation under a permit shall be deemed acceptance of all the conditions so specified.  
[Rule 204 - *Permit Conditions*; Version in SIP = CARB Ex. Order G-73, 40 CFR 52.220(c)(39)(ii)(B) - 11/09/78 43 FR 52237; Current Rule Version = 07/25/77]
5. Posting of the Permit to Operate is required on or near the equipment or as otherwise approved by the APCO/District.  
[Rule 206 - *Posting of Permit to Operate*; Version in SIP = CARB Ex. Order G-73, 40 CFR 52.220(c)(39)(ii)(B) - 11/09/78 43 FR 52237; Current Rule Version = 07/25/77]
6. Owner/Operator shall not willfully deface, alter, forge, or falsify any permit issued under District rules.  
[Rule 207 - *Altering or Falsifying of Permit*; Version in SIP = CARB Ex. Order G-73, 40 CFR 52.220(c)(39)(ii)(B) and 52.220(c)(31)(vi)(C) - 11/09/78 43 FR 52237; Current Rule Version = 07/25/77]

7. Permits are not transferable.  
[Rule 209 - *Transfer and Voiding of Permit*; Version in SIP = CARB Ex. Order G-73, 40 CFR 52.220(c)(39)(ii)(B) - 11/09/78 43 FR 52237; Current Rule Version = 07/25/77]
8. The APCO may require the Owner/Operator to provide and maintain such facilities as are necessary for sampling and testing.  
[Rule 217 - *Provision for Sampling And Testing Facilities*; Version in SIP = CARB Ex. Order G-73, 40 CFR 52.220(c)(39)(ii)(B) - 11/09/78 43 FR 52237; Current Rule Version = 07/25/77]
9. The equipment at this facility shall not require a District permit or be listed on the Title V permit if such equipment is listed in Rule 219 and meets the applicable criteria contained in Rule 219 (B). However, any exempted insignificant activities/equipment are still subject to all applicable facility-wide requirements.  
[SIP Pending: Rule 219 - *Equipment Not Requiring a Written Permit* as Amended 8/23/10; Prior version in SIP = CARB Ex. Order G-73, 40 CFR 52.220(c)(39)(ii)(B) - 11/09/78 43 FR 52237]
10. The Owner/Operator of this facility shall obtain a Federal Operating Permit for operation of this facility.  
[Rule 221 - *Federal Operating Permit Requirement*; Version in SIP = Current, 40 CFR 52.220(c)(216)(i)(A)(2) - 02/05/96 61 FR 4217]
11. Owner/Operator shall pay all applicable MDAQMD permit fees.  
[Rule 301 - *Permit Fees*; Applicable Version = Amended: 06/27/05 and effective 01/01/06), Applicable via Title V Program interim approval 02/05/96 61 FR 4217]
12. Owner/Operator shall pay all applicable MDAQMD Title V Permit fees.  
[Rule 312 - *Fees for Federal Operating Permits*; Applicable Version = Amended: 06/27/05 and effective 01/01/06), Applicable via Title V Program interim approval 02/05/96 61 FR 4217]
13. Stack and point source visible emissions from this facility, of any air contaminant (including smoke) into the atmosphere, shall not equal or exceed Ringelmann No. 1 for a period or periods aggregating more than three minutes in any one hour:
  - (a) While any unit is fired on Public Utilities Commission (PUC) grade natural gas, Periodic Monitoring for combustion equipment is not required to validate compliance with the Rule 401 Visible Emissions limit. However, the Owner/Operator shall comply with the recordkeeping requirements stipulated

elsewhere in this permit regarding the logging of fuel type, amount, and suppliers' certification information.

- (b) While any unit is fired on diesel fuel, Periodic Monitoring, in addition to required recordkeeping, is required to validate compliance with Rule 401 Visible Emissions limit as indicated below:
- (i). Reciprocating engines equal or greater than 1000 horsepower, firing on only diesel with no restrictions on operation, a visible emissions inspection is required every three (3) months or during the next scheduled operating period if the unit ceases firing on diesel/distillate within the 3-month time frame.
  - (ii). Diesel Standby and emergency reciprocating engines using California low sulfur fuels require no additional monitoring for opacity.
  - (iii). Diesel/Distillate-Fueled Boilers firing on California low sulfur fuels require a visible emissions inspection after every 1 million gallons diesel combusted, to be counted cumulatively over a 5-year period.
  - (iv). On any of the above, if a visible emissions inspection documents opacity, an U.S. Environmental Protection Agency (EPA) Method 9 "Visible Emissions Evaluation" shall be completed within 3 working days, or during the next scheduled operating period if the unit ceases firing on diesel/distillate within the 3 working day time frame.

[Rule 204 - *Permit Conditions*; Version in SIP = CARB Ex. Order G-73, 40 CFR 52.220(c)(39)(ii)(B) - 11/09/78 43 FR 52237; Current Rule Version = 07/25/77]

[Rule 401 - *Visible Emissions*; Version in SIP = CARB Ex. Order G-73, 40 CFR 52.220(c)(39)(ii)(B) - 09/08/78 43 FR 40011; Current Rule Version = 07/25/77]

14. Owner/Operator is limited to use of the following quality fuels for fuel types specified elsewhere in this permit: PUC quality natural gas fuel - sulfur compounds shall not exceed 800 parts per million (ppm) calculated as hydrogen sulfide at standard conditions; diesel fuel - sulfur content shall not exceed 0.5 percent by weight. Compliance with Rule 431 fuel sulfur limits is assumed for PUC quality natural gas fuel and CARB certified diesel fuel. Records shall be kept on-site and available for review by District, state, or federal personnel at any time. The sulfur content of non-CARB certified diesel fuel shall be determined by use of American Society for Testing and Materials (ASTM) method D 2622-82 or ASTM method D 2880-71, or equivalent.

[40 CFR 70.6 (a)(3)(i)(B) - *Periodic Monitoring Requirements*]

[Rule 431 - *Sulfur Content of Fuels*; Version in SIP = CARB Ex. Order G-73, 40 CFR 52.220(c)(39)(ii)(B) - 09/08/78 - 43 FR 40011; Current Rule Version = 07/25/77]

15. Emissions of fugitive dust from any transport, handling, construction, or storage activity at this facility shall not be visible in the atmosphere beyond the property line of the facility.

[Rule 403 - *Fugitive Dust*; Version in SIP = CARB Ex. Order G-73, 40 CFR

52.220(c)(39)(ii)(B) - 09/08/78 43 FR 40011; Current Rule Version = 07/25/77]

16. Owner/Operator shall comply with the applicable requirements of Rule 403.2 unless an “Alternative PM<sub>10</sub> Control Plan” (ACP) pursuant to Rule 403.2(G) has been approved.  
***District/State Only***  
[SIP Pending: Rule 403.2 - *Fugitive Dust Control for the Mojave Desert Planning Area* as amended 07/22/96 and submitted 10/18/96]
  
17. Owner/Operator shall not discharge into the atmosphere from this facility, particulate matter (PM) except liquid sulfur compounds, in excess of the concentration at standard conditions, shown in Rule 404, Table 404 (a).
  - (a) Where the volume discharged is between figures listed in the table the exact concentration permitted to be discharged shall be determined by linear interpolation.
  - (b) This condition shall not apply to emissions resulting from the combustion of liquid or gaseous fuels in steam generators or gas turbines.
  - (c) For the purposes of this condition, emissions shall be averaged over one complete cycle of operation or one hour, whichever is the lesser time period.[Rule 404 - *Particulate Matter Concentration*; Version in SIP = Current, 40 CFR 52.220(c)(42)(xiii)(A) - 12/21/78 43 FR 52489]
  
18. Owner/Operator shall not discharge into the atmosphere from this facility, solid PM including lead and lead compounds in excess of the rate shown in Rule 405, Table 405(a).
  - (a) Where the process weight per hour is between figures listed in the table, the exact weight of permitted discharge shall be determined by linear interpolation.
  - (b) For the purposes of this condition, emissions shall be averaged over one complete cycle of operation or one hour, whichever is the lesser time period.[Rule 405 - *Solid Particulate Matter, Weight*; Version in SIP = Current, 40 CFR 52.220(c)(42)(xiii)(A) - 12/21/78 43 FR 52489]
  
19. Owner/Operator shall not discharge into the atmosphere from this facility, from any single source of emissions whatsoever, sulfur compounds, which would exist as a liquid or gas at standard conditions, calculated as sulfur dioxide (SO<sub>2</sub>), greater than or equal to 500 ppm by volume.  
[Rule 406 - *Specific Contaminants*; Version in SIP = 07/25/77, 40 CFR 52.220(c)(42)(xiii)(A) - 12/21/78 43 FR 52489, Subpart (a) only; Current Rule Version = 02/20/79]
  
20. Owner/Operator shall not discharge into the atmosphere from this facility, carbon monoxide (CO) exceeding 2000 ppm measured on a dry basis, averaged over a minimum of 15 consecutive minutes.

- (a) The provisions of this condition shall not apply to emissions from internal combustion engines.  
[Rule 407 - *Liquid and Gaseous Air Contaminants*; Version in SIP = CARB Ex. Order G-73, 40 CFR 52.220(c)(39)(ii)(C) - 09/08/78 43 FR 40011; Current Rule Version = 07/25/77]
21. Owner/Operator shall not build, erect, install, or use any equipment at this facility, the use of which, without resulting in a reduction in the total release of air contaminants to the atmosphere, reduces or conceals an emission that would otherwise constitute a violation of Chapter 3 (commencing with Section 41700) of Part 4, of Division 26 of the Health and Safety Code or of District Rules.
- (a) This condition shall not apply to cases in which the only violation involved is of Section 41700 of the Health and Safety Code, or of District Rule 402.  
[Rule 408 - *Circumvention*; Version in SIP = CARB Ex. Order G-73, 40 CFR 52.220(c)(39)(ii)(C) - 09/08/78 43 FR 40011; Current Rule Version = 07/25/77]
22. Owner/Operator shall not discharge into the atmosphere from this facility from the burning of fuel, combustion contaminants exceeding 0.23 gram per cubic meter (0.1 grain per cubic foot) of gas calculated to 12 percent of carbon dioxide (CO<sub>2</sub>) at standard conditions averaged over a minimum of 25 consecutive minutes.  
[Rule 409 - *Combustion Contaminants*; Version in SIP = CARB Ex. Order G-73, 40 CFR 52.220(c)(39)(ii)(C) - 09/08/78 43 FR 40011; Current Rule Version = 07/25/77]
23. APCO, at his/her discretion, may refrain from enforcement action against an Owner/Operator of any equipment that has violated a technology-based emission limitation, including but not limited to conditions contained in any permit issued by the District establishing such emission limitation, provided that a Breakdown has occurred and:
- (a) Any breakdown that results in emissions exceeding a technology-based emission limitation is reported to the District within one hour of such breakdown or within one hour of the time a person knew or reasonably should have known of the occurrence of such breakdown; and
- (b) An estimate of the repair time is provided to the District as soon as possible after the report of the breakdown; and
- (c) All reasonable steps are immediately taken to minimize the levels of emissions and to correct the condition leading to the excess emissions.
- (d) The equipment is operated only until the end of a cycle or twenty-four (24) hours, whichever is sooner, at which time it shall be shut down for repairs unless a petition for an emergency variance has been filed with the clerk of the Hearing Board in accordance with Regulation V.

- (e) If the breakdown occurs outside normal District working hours, the intent to file an emergency variance shall be transmitted to the District in a form and manner prescribed by the APCO. ***District/State Only***

[SIP Pending: Rule 430 - *Breakdown Provisions* as amended 12/21/94 and submitted 02/24/95]

24. Reserved

25. Owner/operator's *Usage of Solvents* at this facility shall comply with all applicable requirements of Rule 442 including the VOC and non-VOC organic solvent limits specified in Rule 442 (C)(1), as listed below

Owner/operator shall not discharge VOCs into the atmosphere from all VOC containing materials, Emissions Units, equipment or processes subject to this rule, in excess of 540 kilograms (1,190 pounds) per month per Facility.

Owner/operator shall not discharge into the atmosphere a non-VOC organic solvent in excess of 272 kilograms (600 pounds) per day as calculated on a thirty (30) day rolling average. For purposes of this limit, discharge shall include a drying period of 12 hours following the application of such non-VOC solvents.

[SIP: Rule 442 – *Usage of Solvents*, Approved 2/27/06, 72 FR 52971, 40 CFR 52.220 (c)(347)(i)(C); Approved 6/9/82, 47 FR 25013, 40 CFR 52.220(c)(51)(xii)(B); Approved 9/8/78, 43 FR 40011, 40 CFR 52.220(c)(39)(ii)(C)]

26. Owner/Operator shall not set open outdoor fires unless in compliance with Rule 444. Outdoor fires burned according to an existing District permit, blasting operations permitted by the California Occupational Safety and Health Administration, and detonation associated with military operations are not considered “open outdoor fires” for the purposes of Rule 444 (reference Rule 444(B)(9)).

[SIP: Rule 444 – *Open Outdoor Fires*, Approved 10/31/07, FR 72 61525, 40 CFR 52.220(c) (350)(i)(B)(1); Previous version in SIP = 11/25/96, 40 CFR 2.220(c)(42)(xiii)(A) and 40 CFR 52.273 (6)(12)(i)]

27. Owner/Operator of this facility shall comply with the Organic Solvent Degreasing Operations requirements of Rule 1104 when engaged in wipe cleaning, cold solvent cleaning, and/or vapor cleaning (degreasing) operations for metal/non-metal parts/products. These requirements are listed as follows:

- (a) All degreasers shall be equipped with a cover, which reduces solvent evaporation and minimizes disturbing the vapor zone.
- (b) A permanent, conspicuous label summarizing the applicable operating requirements

contained in Rule 1104. In lieu of a label, operating instructions may be posted near the degreaser where the operators can access the proper operating requirements of this rule.

- (c) Cold Solvent Degreasers - Freeboard Requirements:
  - (i) Cold solvent degreasers using only low volatility solvents, which are not agitated, shall operate with a freeboard height of not less than 6 inches.
  - (ii) *Cold solvent degreasers using only low volatility solvents may operate with a freeboard ratio equal to or greater than 0.50 when the cold solvent degreaser has a cover, which remains closed during the cleaning operation.*
  - (iii) Any cold solvent degreasers using solvent which is agitated, or heated above 50°C (120°F) shall operate with a freeboard ratio equal to or greater than 0.75.
  - (iv) A water cover may be used as an acceptable control method to meet the freeboard requirements, when the solvent is insoluble in water and has a specific gravity greater than one.
- (d) Cold Solvent Degreasers - Cover Requirements:
  - (i) Cold solvent degreasers using high volatility solvent shall have a cover that is a sliding, rolling or guillotine (bi-parting) type, which is designed to easily open and close without disturbing the vapor zone.
- (e) Cold Solvent Degreasers - Solvent Level Identification:
  - (i) A permanent, conspicuous mark locating the maximum allowable solvent level conforming to the applicable freeboard requirements.
- (f) All Degreasers shall comply with the following operating requirements:
  - (i) Any solvent cleaning equipment and any emission control device shall be operated and maintained in strict accord with the recommendations of the manufacturer.
  - (ii) Degreasers shall not be operating with any detectable solvent leaks.
  - (ii) All solvent, including waste solvent and waste solvent residues, shall be stored in closed containers at all times. All containers for any solvent(s) shall have a label indicating the name of the solvent/material they contain.
  - (iv) Waste solvent and any residues shall be disposed of by one of the following methods: a commercial waste solvent reclamation service licensed by the State of California; **or** a federally or state licensed facility to treat, store or dispose of such waste; **or** the originating facility may recycle the waste solvent and materials in conformance with requirements of Section 25143.2 of the California Health and Safety Code.
  - (v) Degreasers shall be covered to prevent fugitive leaks of vapors, except when processing work or to perform maintenance.
  - (vi) Solvent carryout shall be minimized by the following methods:
    - (a) Rack workload arranged to promote complete drainage

- (b) Limit the vertical speed of the power hoist to 3.3 meters per minute (11 ft/min) or less when such a hoist is used.
- (c) Retain the workload inside of the vapor zone until condensation ceases.
- (d) Tip out any pools of solvent remaining on the cleaned parts before removing them from the degreaser if the degreasers are operated manually.
- (e) Do not remove parts from the degreaser until the parts are visually dry and not dripping/leaking solvent. (This does not apply to an emulsion cleaner workload that is rinsed with water within the degreaser immediately after cleaning.)
- (vii) The cleaning of porous or absorbent materials such as cloth, leather, wood or rope is prohibited.
- (viii) Except for sealed chamber degreasers, all solvent agitation shall be by either pump recirculation, a mixer, or ultrasonics.
- (ix) The solvent spray system shall be used in a manner such that liquid solvent does not splash outside of the container. The solvent spray shall be a continuous stream, not atomized or shower type, unless, the spray is conducted in a totally enclosed space, separated from the environment.
- (x) For those degreasers equipped with a water separator, no solvent shall be visually detectable in the water in the separator.
- (xi) Wipe cleaning materials containing solvent shall be kept in closed containers at all times, except during use.
- (xii) A degreaser shall be located so as to minimize drafts being directed across the cleaning equipment, the exposed solvent surface, or the top surface of the vapor blanket.
- (xiii) A method for draining cleaned material, such as a drying rack suspended above the solvent and within the freeboard area, shall be used so that the drained solvent is returned to the degreaser or container.
- (g) Rule 442 Applicability: Any solvent using operation or facility which is not subject to the source-specific Rule 1104 shall comply with the provisions of Rule 442. Any solvent using operation or facility which is exempt from all or a portion of the volatile organic compound (VOC) limits, equipment limits or the operational limits of Rule 1104 shall be subject to the applicable provisions of Rule 442.
- (h) Solvent Usage Records. Owner/Operator subject to Rule 1104 or claiming any exemption under Rule 1104, Section (E), shall comply with the following requirements:
  - (1) Maintain and have available during an inspection, a current list of solvents in use at the facility which provides all of the data necessary to evaluate compliance, including the following information separately for each

degreaser, as applicable:

- (i) Product name(s) used in the degreaser, and
  - (ii) The mix ratio of solvent compounds mixtures of solvents are used, and
  - (iii) VOC content of solvent or mixture of compounds as used, and
  - (iv) The total volume of the solvent(s) used for the facility, on a monthly basis, and
  - (v) The name and total volume applied of wipe cleaning solvent(s) used, on a monthly basis.
- (2) Additionally, for any degreaser utilizing an add-on emission control device/system as a means of complying with provisions of Rule 1104 shall, on a monthly basis, maintain records of key system operating and maintenance data. Such data are recorded for the purpose of demonstrating continuous compliance during periods of emission producing activities. The data shall be recorded in a manner as prescribed by the District.
- (3) Documentation shall be maintained on site of the disposal or on-site recycling of any waste solvent or residues.
- (4) Records shall be retained (at facility) and available for inspection by District, state or federal personnel for the previous 5-year period as required by this Title V / Federal Operating Permit (Reference Rule 1203(D)(1)(d)(ii)).

[Rule 1104 - *Organic Solvent Degreasing Operations*; Version in SIP = Current, 40 CFR 52.220(c)(207)(i)(D)(2) - 04/30/96 61 FR 18962, effective 11/30/94]

28. Owner/Operator's use of *Architectural Coatings* at this facility shall comply with the applicable requirements of Rule 1113, including the VOC limits specified in Rule 1113, Table 1, as listed below:

**Table 1**

**VOC CONTENT LIMITS FOR ARCHITECTURAL COATINGS**

Limits are expressed in grams of VOC per liter<sup>a</sup> of coating thinned to the manufacturer's maximum recommendation, excluding the volume of any water, exempt compounds, or colorant added to tint bases. "Manufacturer's maximum recommendation" means the maximum recommendation for thinning that is indicated on the label or lid of the coating container.

Coating Category	Effective, 02/24/2003	Effective, 01/01/2013
<b>Primary Coatings</b>		
Flat Coatings	100	50
Nonflat Coatings	150	100
Nonflat-High Gloss Coatings	250	150
<b>Specialty Coatings</b>		
Aluminum Roof Coatings	n/a	400
Basement Specialty Coatings	n/a	400
Bituminous Roof Coatings	300	50
Bituminous Roof Primers	350	350
Bond Breakers	350	350
Concrete Curing Compounds	350	350
Concrete/Masonry Sealers	n/a	100
Driveway Sealers	n/a	50
Dry Fog Coatings	400	150
Faux Finishing Coatings	350	350
Fire Resistive Coatings	350	350
Floor Coatings	250	100
Form-Release Compounds	250	250
Graphic Arts Coatings (Sign Paints)	500	500
High Temperature Coatings	420	420
Industrial Maintenance Coatings	250	250
Low Solids Coatings	120 <sub>a</sub>	120 <sub>a</sub>
Magnesite Cement Coatings	450	450
Mastic Texture Coatings	300	100
Metallic Pigmented Coatings	500	500
Multi-Color Coatings	250	250
Pre-Treatment Wash Primers	420	420
Primers, Sealers, and Undercoaters	200	100
Reactive Penetrating Sealers	n/a	350
Recycled Coatings	250	250
Roof Coatings	250	50
Rust Preventative Coatings	400	250
Shellacs:		
Clear	730	730
Opaque	550	550
Specialty Primers, Sealers, and Undercoaters	350	100
Stains	250	250
Stone Consolidants	n/a	450
Swimming Pool Coatings	340	340
Traffic Marking Coatings	150	100
Tub and Tile Refinish Coatings	n/a	420
Waterproofing Membranes	n/a	250
Wood Coatings	n/a	275
Wood Preservatives	350	350
Zinc-Rich Primers	n/a	340
a: Limit is expressed as VOC Actual (G)(1)(a)(ii)		

[Rule 1113 - *Architectural Coatings*; **SIP**: Submitted as amended 04/23/12, Approved on 01/03/2014, 79 FR 365; Submitted as amended 02/24/03, Approved on 04/01/03, 69 FR 34;

Submitted as amended 11/02/92 on 1/11/93; Approved: 6/9/82, 47 FR 25013, 40 CFR 52.220(c)(51)(xii)(B)]

29. Owner/Operator's use of *Wood Products Coatings* at this facility shall comply with the applicable requirements of Rule 1114, including the VOC limits specified in Rule 1114, part C, Table of Standards, as listed below:

(1) VOC Content of Coatings & Adhesives

(a) Any Owners and/or Operators of Wood Products Coating Application Operations shall not apply any Coating or Adhesive to a Wood Product which has a VOC Content, including any VOC-containing material added to the original Coating supplied by the manufacturer, which exceeds the applicable limit specified below, unless emissions to the atmosphere are controlled by air pollution abatement equipment with an Overall Control Efficiency of at least 85 percent. Any Coating subject to this rule that meets either of the two VOC Content limit formats (grams per liter or pounds per gallon [lb/gal]) is in compliance with this subsection.

(i) **LIMITS**  
Grams of VOC Per Liter of Coating,  
Less Water and Less Exempt Compounds (VOC Content)

Coating	Current Limit g/L (lb/gal)	On and After 7/1/97		On and After 7/1/2005
		Column I <i>or</i> g/L (lb/gal)	Column II g/L (lb/gal)	g/L (lb/gal)
Clear Sealers	680 (5.7)	550 (4.6)	680 (5.7)	275 (2.3)
Clear Topcoat	680 (5.7)	550 (4.6)	275 (2.3)	275 (2.3)
Pigmented Primers, Sealers and Undercoats	600 (5.0)	550 (4.6)	600 (5.0)	275 (2.3)
Pigmented Topcoats	600 (5.0)	550 (4.6)	275 (2.3)	275 (2.3)

Effective July 1, 1997, a person or facility shall use Coatings on Wood Products that comply with either all VOC Content limits in Column I or all VOC Content limits in Column II. A person or facility that applies a Pigmented Primer, Sealer or Undercoat, but not a Clear Topcoat or Pigmented Topcoat, to a Wood Product shall be subject to column I for that product.

(ii) Notwithstanding the requirements of subsection (C)(1)(a)(i), a person or facility that applies a topcoat and a primer, sealer or

undercoat to a Shutter may, until July 1, 2005, choose to comply with the VOC Content limits specified below for that Shutter:

(c) **LIMITS**  
Grams of VOC Per Liter of Coating,  
Less Water and Less Exempt Compounds (VOC Content)

Coating	g/L (lb/gal)
Clear Sealers	275 (2.3)
Clear Topcoat	680 (5.7)
Pigmented Primers, Sealers & Undercoats	275 (2.3)
Pigmented Topcoats	600 (5.0)

(d) **LIMITS**  
Grams of VOC Per Liter of Coating,  
Less Water and Less Exempt Compounds (VOC Content)

Coating	Current Limit g/L (lb/gal)	On and After 7/1/97	On and After 7/1/2005
		g/L (lb/gal)	g/L (lb/gal)
Fillers	500 (4.2)	500 (4.2)	275 (2.3)
High-Solid Stains	700 (5.8)	550 (4.6)	350 (2.9)
Inks	500 (4.2)	500 (4.2)	500 (4.2)
Mold-Seal Coatings	750 (6.3)	750 (6.3)	750 (6.3)
Multi-Colored Coatings	685 (5.7)	685 (5.7)	275 (2.3)
Low-Solids Stains, Toners and Washcoats	800 (6.7)	480 (4.0)	120 (1.0)
Adhesives	250 (2.1)	250 (2.1)	250 (2.1)

[Rule 1114 - *Wood Products Coating Operations*; Version in SIP = Current, Approved: 08/18/98, 63 FR 44132, 40 CFR 52.220(c)(244)(i)(C); Approved 61 FR 18962, 04/30/96]

30. Owner/Operator's use of *Metal Parts and Products Coatings* at this facility shall comply with the applicable requirements of Rule 1115, including the VOC limits specified in

Rule 1115, as listed below:

Owner/Operator shall not apply to metal parts and products any coatings, including any VOC-containing materials added to the original coating supplied by the manufacturer, which contain VOC in excess of the limits specified below unless emissions to the atmosphere are controlled to an equivalent level by air pollution abatement equipment with a capture and control system Combined Efficiency of at least 85 percent:

LIMITS

(Grams of VOC Per Liter of Coating, Less Water and Less Exempt Compounds)

<u>Coating</u> (lb/gal)	<u>Air Dried</u> g/L		<u>Baked</u> (lb/gal) g/L	
General	420	(3.5)	360	(3.0)
Military Specification	420	(3.5)	360	(3.0)
Etching Filler	420	(3.5)	420	(3.5)
Solar-Absorbent	420	(3.5)	360	(3.0)
Heat-Resistant	420	(3.5)	360	(3.0)
High-Gloss	420	(3.5)	360	(3.0)
Extreme High-Gloss	420	(3.5)	360	(3.0)
Metallic	420	(3.5)	420	(3.5)
Extreme Performance	420	(3.5)	360	(3.0)
Prefabricated Architectural				
Component	420	(3.5)	275	(2.3)
Touch Up	420	(3.5)	360	(3.0)
Repair	420	(3.5)	360	(3.0)
Silicone-Release	420	(3.5)	420	(3.5)
High Performance				
Architectural	420	(3.5)	420	(3.5)
Camouflage	420	(3.5)	420	(3.5)
Vacuum-Metalizing	420	(3.5)	420	(3.5)
Mold-Seal	420	(3.5)	420	(3.5)
High-Temperature	420	(3.5)	420	(3.5)
Electric-Insulating Varnish	420	(3.5)	420	(3.5)
Pan-Backing	420	(3.5)	420	(3.5)
Pretreatment Wash Primer	420	(3.5)	420	(3.5)
Clear Coating	520	(4.3)	520	(4.3)

[Rule 1115 - *Metal Parts and Products Coating Operations*; Version in SIP = Current, 40 CFR 52.220(c)(239)(i)(A)(2) - 12/23/97 62 FR 67002, effective 2/23/98]

31. Owner/Operator’s use of *Automotive Refinishing Operations* at this facility shall comply with the applicable requirements of Rule 1116, including the VOC limits specified in Rule 1116, as listed below:

- (a) Effective on the dates specified, a Person shall not apply Coating to a Motor Vehicle, Mobile Equipment, or Associated Parts or Components, that has a VOC content in excess of the limits contained in Table 1 and Table 2 of this subsection.

Table 1 - Coating Categories and VOC Limits

Coating Categories	VOC Regulatory Limit, as applied, in grams per Liter (pounds per gallon)
	Effective on and after 7/1/2011
Adhesion Promoter	540 (4.5)
Clear Coating	250 (2.1)
Color Coating	420 (3.5)
Multi-color Coating	680 (5.7)
Pretreatment Coating	660 (5.5)
Primer	250 (2.1)
Primer Sealer	250 (2.1)
Single-stage Coating	340 (2.8)
Temporary Protective Coating	60 (0.5)
Truck Bed Liner Coating	310 (2.6)
Underbody Coating	430 (3.6)
Uniform Finish Coating	540 (4.5)
Any Other Coating Type	250 (2.1)

- (b) Compliance with the VOC limits shall be based on VOC content, including any VOC material added to the original coating supplied by the manufacturer, less water and Exempt Compounds, as applied to the Motor Vehicle, Mobile Equipment, or Associated Parts or Components.
- (c) All automotive coatings shall be applied using either electrostatic application equipment, HVLP Spray gun, or other coating application

demonstrated to the APCO to have equivalent transfer efficiencies of these.

- (d) Solvents used in Surface Preparation and Cleaning Operations shall not exceed 25 g/L VOC. Solvents shall be stored in vapor tight closed containers. Closed, non-absorbent containers shall be used for the storage or disposal of any applicator (including brushes, swabs, cloth or paper) used for solvent Surface Preparation and Cleaning Operations
- (e) The owner/operator when engaging in coating operations subject to Rule 1116 shall maintain a log containing at least the following:
  - 1. Equipment by permitted number, or name of operation for unpermitted equipment, that uses material containing VOC subject Rule 1116.
  - 2. Type of material (Coating, Solvent, etc.), its use, and its applicable VOC limit in pounds per gallon (or grams per liter), by District Rule or Rules.
  - 3. Manufacturer of material, manufacturer product name, and/or code number.
  - 4. Quantity of each Automotive Coating, Solvent used, and its VOC content. (Note: Units must be consistent).
  - 5. The HAP Compounds content.
  - 6. Copies of the Environmental Data Sheet and/or Material Safety Data Sheet (MSDS) for each coating, diluents, thinner, and solvent used.

[Rule 1116 - *Automotive Refinishing Operations*; SIP= Current Version: SIP Submittal Date 4/5/2011, CFR 40 CFR 52.220(c)(388)(i)(F)(1) ; Approved 8/19/2012 77 FR 47536. SIP: Approved: 6/13/95, 60 FR 31081, 40 CFR 52.220(c)(216)(i)(A)(1); Approved: 2/20/93, 58 FR 662833, 40 CFR 52.220(c)(188)(I)(B)(1)]

- 32. Owner/Operator shall comply with all requirements of the District's Title V Program, MDAQMD Rules 1200 through 1210 (Regulation XII - *Federal Operating Permits*). [SIP: Not SIP. Final Title V Program Approval 11/21/03 68 FR 65637; Partial Withdrawal of approval 10/15/02 67 FR 63551; Notice of Deficiency 05/22/02 67 FR 35990; Approval 12/17/01 66 FR 63503; Interim Approval 02/05/96 61 FR 4217]

**B. FACILITY-WIDE MONITORING, RECORDKEEPING, AND REPORTING REQUIREMENTS:**

1. Any data and records generated and/or kept pursuant to the requirements in this federal operating permit (Title V Permit) shall be kept current and on site for a minimum of five (5) years from the date generated. Any records, data, or logs shall be supplied to District, state, or federal personnel upon request.  
[40 CFR 70.6(a)(3)(ii)(B); Rule 1203(D)(1)(d)(ii)]
2. Any Compliance/Performance testing required by this Federal Operating Permit shall follow the administrative procedures contained in the District's *Compliance Test Procedural Manual*. Any required annual Compliance and/or Performance Testing shall be accomplished by obtaining advance written approval from the District pursuant to the District's *Compliance Test Procedural Manual*. All emission determinations shall be made as stipulated in the *Written Test Protocol* accepted by the District. When proposed testing involves the same procedures followed in prior District approved testing, then the previously approved *Written Test Protocol* may be used with District concurrence.  
[Rule 204 - *Permit Conditions*; Version in SIP = CARB Ex. Order G-73, 40 CFR 52.220(c)(39)(ii)(B) - 11/09/78 43 FR 52237; Current Rule Version = 07/25/77]
3. Owner/Operator of permit units subject to Comprehensive Emissions Inventory Report / Annual Emissions Determinations for District, state, and federal required Emission Inventories shall monitor and record the following for each unit:
  - (a) The cumulative annual usage of each fuel type. The cumulative annual usage of each fuel type shall be monitored from utility service meters, purchase or tank fill records.
  - (b) Fuel suppliers' fuel analysis certification/guarantee including fuel sulfur content shall be kept on site and available for inspection by District, state or federal personnel upon request. The sulfur content of diesel fuel shall be determined by use of ASTM method D2622-82, or (ASTM method D 2880-71, or equivalent). Vendor data meeting this requirement are sufficient.  
[40 CFR 70.6(a)(3)(B) – *Periodic Monitoring Requirements*  
[Rule 204 - *Permit Conditions*; Version in SIP = CARB Ex. Order G-73, 40 CFR 52.220(c)(39)(ii)(B) - 11/09/78 43 FR 52237; Current Rule Version = 07/25/77]  
[Federal Clean Air Act: §110(a)(2)(F, K & J); §112; §172(c)(3); §182(a)(3)(A & B); §187(a)(5); § 301(a)] and in California Clean Air Act, Health and Safety Code §§39607 and §§44300 et seq.]
- 4 (a) Owner/Operator shall submit Compliance Certifications as prescribed by Rule 1203(F)(1) and Rule 1208, in a format approved by MDAQMD. Compliance Certifications by a

Responsible Official shall certify the truth, accuracy and completeness of the document submitted and contain a statement to the effect that the certification is based upon information and belief, formed after a reasonable inquiry; the statements and information in the document are true, accurate, and complete.

[40 CFR 70.6(c)(5)(i); Rule 1208; Rule 1203(D)(1)(vii-x)]

- (b) Owner/Operator shall include in any Compliance Certification the methods used for monitoring such compliance.  
[40 CFR 70.6(c)(5)(ii); Rule 1203(D)(1)(g)(viii)]
- (c) Owner/Operator shall comply with any additional certification requirements as specified in 42 United States Code (U.S.C.) §7414(a)(3), Recordkeeping, Inspections, Monitoring and Entry (Federal Clean Air Act §114(a)(3)) and 42 U.S.C. §7661c(b), Permit Requirements and Conditions (Federal Clean Air Act §503(b)), or in regulations promulgated thereunder.  
[Rule 1203 (D)(1)(g)(x)]
- (d) Owner/Operator shall submit a *Compliance Certification Report* to the APCO/District on an annual basis pursuant to District Rule 1203. The *Compliance Certification Report* shall cover the 12 month period from June 30 to June 29, and be postmarked no later than 30 days after the end of the reporting period. Each report shall be certified to be true, accurate, and complete by “The Responsible Official” and a copy of this annual report shall also be contemporaneously submitted to the EPA Region IX Administrator.  
[40 CFR 72.90.a and Rule 1203 (D)(1)(g)(v - x)]

- 5. Owner/Operator shall submit, on a *semi-annual* basis, a *Monitoring Report* to the APCO/District, with a copy to the EPA Region IX Administrator. Each *Monitoring Report* shall cover the periods from June 30 to December 27 and from December 28 to June 29, and be postmarked no later than 30 days after the end of the reporting period. This *Monitoring Report* shall be certified to be true, accurate, and complete by “The Responsible Official” and shall include the following information and/or data:
  - (a) Summary of deviations from any federally enforceable requirement in this permit.
  - (b) Summary of all emissions monitoring and analysis methods required by any Applicable Requirement / federally - enforceable requirement.
  - (c) Summary of all periodic monitoring, testing or record keeping (including test methods sufficient to yield reliable data) to determine compliance with any Applicable Requirement / federally - enforceable requirement that does not directly require such monitoring.

An alternate Monitoring Report format may be used upon prior approval by MDAQMD.  
[Rule 1203(D)(1)(e)(i)]

- 6. Owner/Operator shall promptly report all deviations from Federal Operating Permit requirements including, but not limited to, any emissions in excess of permit conditions,

deviations attributable to breakdown conditions, and any other deviations from permit conditions. Such reports shall include the probable cause of the deviation and any corrective action or preventative measures taken as a result of the deviation. [Rule 1203(D)(1)(e)(ii) and Rule 430(C)]

Prompt reporting shall be determined as follows:

- (a) For deviations involving emissions of air contaminants in excess of permit conditions including but not limited to those caused by a breakdown, prompt reporting shall be within one hour of the occurrence of the excess emission or within one hour of the time a person knew or reasonably should have known of the excess emission. Documentation and other relevant evidence regarding the excess emission shall be submitted to the District within sixty (60) days of the date the excess emission was reported to the District. [SIP Pending: Rule 430 - Breakdown Provisions as amended 12/21/94 and submitted 2/24/95]
- (b) For other deviations from permit conditions not involving excess emissions of air contaminants shall be submitted to the District with any required monitoring reports at least every six (6) months. [Rule 1203(D)(1)(e)(i)]

7. If any facility unit(s) should be determined not to be in compliance with any federally enforceable requirement during the 5-year permit term, then Owner/Operator shall obtain a *Schedule of Compliance* approved by the District Hearing Board pursuant to the requirements of MDAQMD Regulation 5 (Rules 501 - 518). In addition, Owner/Operator shall submit a *Progress Report* on the implementation of the *Schedule of Compliance*. The *Schedule of Compliance* shall contain the information outlined in (b), below. The *Progress Report* shall contain the information outlined in (c), below. The *Schedule of Compliance* shall become a part of this Federal Operating Permit by administrative incorporation. The *Progress Report* and *Schedule of Compliance* shall comply with Rule 1201(I)(3)(iii) and shall include:

- (a) A narrative description of how the facility will achieve compliance with such requirements; and
- (b) A *Schedule of Compliance* which contains a list of remedial measures to be taken for the facility to come into compliance with such requirements, an enforceable sequence of actions, with milestones, leading to compliance with such requirements and provisions for the submission of *Progress Reports* at least every six (6) months. The *Schedule of Compliance* shall include any judicial order, administrative order, and/or increments of progress or any other schedule as issued by any appropriate judicial or administrative body or by the District Hearing Board pursuant to the provisions of Health & Safety Code §42350 et seq.; and
- (c) *Progress Reports* submitted under the provisions of a *Schedule of Compliance* shall include: Dates for achieving the activities, milestone, or compliance required

in the schedule of compliance; and dates when such activities, milestones or compliance were achieved; and an explanation of why any dates in the schedule of compliance were not or will not be met; and any preventive or corrective measures adopted due to the failure to meet dates in the schedule of compliance.  
[Rule 1201 (I)(3)(iii); Rule 1203 (D)(1)(e)(ii); Rule 1203 (D)(1)(g)(v)]

**C. FACILITY-WIDE COMPLIANCE CONDITIONS:**

1. Owner/Operator shall allow an authorized representative of the MDAQMD to enter upon the permit holder's premises at reasonable times, with or without notice.  
[40 CFR 70.6(c)(2)(i); Rule 1203(D)(1)(g)(i)]
2. Owner/Operator shall allow an authorized representative of the MDAQMD to have access to and copy any records that must be kept under condition(s) of this Federal Operating Permit.  
[40 CFR 70.6(c)(2)(ii); Rule 1203(D)(1)(g)(ii)]
3. Owner/Operator shall allow an authorized representative of the MDAQMD to inspect any equipment, practice or operation contained in or required under this Federal Operating Permit.  
[40 CFR 70.6(c)(2)(iii); Rule 1203(D)(1)(g)(iii)]
4. Owner/Operator shall allow an authorized representative of the MDAQMD to sample and/or otherwise monitor substances or parameters for the purpose of assuring compliance with this Federal Operating Permit or with any Applicable Requirement.  
[40 CFR 70.6(c)(2)(iv); Rule 1203(D)(1)(g)(iv)]
5. Owner/Operator shall remain in compliance with all Applicable Requirements / federally enforceable requirements by complying with all compliance, monitoring, record-keeping, reporting, testing, and other operational conditions contained in this Federal Operating Permit. Any noncompliance constitutes a violation of the Federal Clean Air Act and is grounds for enforcement action; the termination, revocation and re-issuance, or modification of this Federal Operating Permit; and/or grounds for denial of a renewal application.  
[1203 (D)(1)(f)(ii)]
6. Owner/Operator shall comply in a timely manner with all applicable requirements / federally - enforceable requirements that become effective during the term of this permit.

[Rule 1201 (I)(2); Rule 1203(D)(1)(g)(v)]

7. Owner/Operator shall insure that all applicable subject processes comply with the provisions of 40 CFR 61, *National Emission Standards for Hazardous Air Pollutants*, subpart A, *General Provisions*, and subpart M, *Asbestos*.  
[40 CFR 61, subparts A and M]
8. Owner/Operator shall notify APCO/District at least 10 working days before any applicable asbestos stripping or removal work is to be performed as required by section 61.145.b of 40 CFR 61 subpart M, *National Emission Standard for Asbestos*.  
[40 CFR 61.145.b]
9. Owner/Operator shall notify the APCO/District, on an **annual** basis, postmarked by December 17 of the calendar year, of the predicted asbestos renovations for the following year as required by section 61.145.b of 40 CFR 61, subpart M [see cite for threshold triggering and applicability].  
[40 CFR 61.145.b]
10. The permit holder shall submit an application for renewal of this Title V Permit at least six (6) months, but no earlier than eighteen (18) months, prior to the expiration date of this Federal operating permit (FOP). If an application for renewal has not been submitted and deemed complete in accordance with this deadline, the facility may not operate under the (previously valid) FOP after this FOP expiration date. If the permit renewal has not been issued by this FOP expiration date, but a timely application for renewal has been submitted and deemed complete in accordance with the above deadlines, the existing permit will continue in force until the District takes final action on the renewal application. [Rule 1202(B)(3)(b)(i); Rule 1202(E)(2)(a)]

**PART III**  
**EQUIPMENT SPECIFIC APPLICABLE REQUIREMENTS; EMISSIONS**  
**LIMITATIONS; MONITORING, RECORDKEEPING, REPORTING AND**  
**TESTING REQUIREMENTS; COMPLIANCE CONDITIONS;**  
**COMPLIANCE PLANS**

**Basic Process Units**

**A. CBE 38 TRUCK/RAILCAR LOADOUT, MDAQMD permit number B000607, consisting of:**

502 KF Scale, Miltronics on Belt CBE 38  
CBE 38 Glass/Sand Loadout Belt  
CBE 39 Belt Conveyor from 650 tons Grit Bin  
ROT47 Dust Return from DCL47

**Conditions for unit with permit number: B000607.**

1. The owner/operator shall comply with all applicable Regulations and Rules of this District. Applicable rules include, but are not necessarily limited to those in Regulation IV.
  2. This unit shall operate concurrently with and vented to properly operating baghouse (DCL 47) under valid District permit C002343.
- [Applies to all conditions above; Rule 204 - Permit Conditions; Version in SIP = CARB Ex. Order G-73, 40 CFR 52.220(c)(39)(ii)(B) - 11/09/78 43 FR 52237; Current Rule Version = 07/25/77]

**B. HI-PFLEX LOADOUT, MDAQMD permit number B000609, consisting of:**

170 HX Air Slides  
200 HX Air Slides Blower  
Dust Return Rotary Lock from DCL 62

**Conditions for unit with permit number: B000609.**

1. The owner/operator shall comply with all applicable Regulations and Rules of this District. Applicable rules include, but are not necessarily limited to those in Regulation IV.
  2. This unit shall operate concurrently with and vented to properly operating baghouse (DCL 62) under valid District permit C002347.
- [Applies to all conditions above; Rule 204 - Permit Conditions; Version in SIP = CARB Ex. Order G-73, 40 CFR 52.220(c)(39)(ii)(B) - 11/09/78 43 FR 52237; Current Rule Version = 07/25/77]

**C. HI-PFLEX SUPERFILL PACKERS, MDAQMD permit number B000610, consisting of:**

PKR 20 Hi-pflex and 15/15 Packer, feed from 151/152 HX Bin  
PKR 25 Superfill and 10/20 Packer, feed from 151/152 HX Bin

**Conditions for unit with permit number: B000610.**

1. The owner/operator shall comply with all applicable Regulations and Rules of this District. Applicable rules include, but are not necessarily limited to those in Regulation IV.
2. This unit shall operate concurrently with and vented to properly operating baghouse (DCL 21) under valid District permit C000636.

[Applies to all conditions above; Rule 204 - Permit Conditions; Version in SIP = CARB Ex. Order G-73, 40 CFR 52.220(c)(39)(ii)(B) - 11/09/78 43 FR 52237; Current Rule Version = 07/25/77]

**D. PRIMARY ROCK CRUSHER, MDAQMD permit number B000611, consisting of:**

031CR Hopper and Feeder  
022CR Primary Impactor  
CBE 01 Screen/Conveyor  
CBE 04 Screen/Conveyor  
SCT 06 3/4 in and 3/16 in Screens, Tyrock  
CBE 08 Conveyor Belt  
ELV 17 Elevator  
CBE 16 Screen/Conveyor  
CBE 09 Screen/Conveyor  
202 CR/203 CR Storage Bins: District permit T002316 & (001 Fines) District permit T002317 & Emergency Stockpile  
CBE 10 Screen/Conveyor  
CBE 11 Screen/Conveyor and Weightometer: 282 CR  
CBE 12 Screen/Conveyor  
CBE 06 Screen/Conveyor  
CSC 14 and 15 Screw Conveyors, 2 @ 2 hp (DCL 01 or dust return)

**Conditions for unit with permit number: B000611.**

1. The owner/operator shall comply with all applicable Regulations and Rules of this District. Applicable rules include, but are not necessarily limited to those in Regulation IV.
2. This equipment shall operate concurrently with and vented to properly operating baghouses described on, and under valid District permits C000627, C002328, C002397 and C004434, and with the Dust Suppression Spray System under valid

District permit C002143.

[Applies to all conditions above; Rule 204 - Permit Conditions; Version in SIP = CARB  
Ex. Order G-73, 40 CFR 52.220(c)(39)(ii)(B) - 11/09/78 43 FR 52237; Current Rule  
Version = 07/25/77]

**E. BULK BIN TRANSFER - RAYMOND MILL No. 4, MDAQMD permit number B000612, consisting of:**

83 ord Airslide  
BLR 40 Blower at 5 hp

**Conditions for unit with permit number: B000612.**

1. The owner/operator shall comply with all applicable Regulations and Rules of this District. Applicable rules include, but are not necessarily limited to those in Regulation IV.
2. This unit shall operate concurrently with and vented to properly operating baghouse (DCL 14) under valid District permit C000634.

[Applies to all conditions above; Rule 204 - Permit Conditions; Version in SIP = CARB  
Ex. Order G-73, 40 CFR 52.220(c)(39)(ii)(B) - 11/09/78 43 FR 52237; Current Rule  
Version = 07/25/77]

**F. PACKAGING CENTER #3, MDAQMD permit number B000614, consisting of:**

PKR 05 1640 Packer, at 5 hp  
PKR 13 Packer for No. 3 Packaging Center, at 5 hp

**Conditions for unit with permit number: B000614.**

1. This equipment shall be operated in compliance with all data and specifications submitted with the application under which this permit is issued unless otherwise noted below.
2. This equipment shall be operated and maintained in strict accord with the recommendations of its manufacturer or supplier and/or sound engineering principles.
3. This unit shall operate concurrently with and vented to properly operating baghouses (DCLs 05 and 07) under valid District permits C008375 and C000684 respectively.

[Applies to all conditions above; Rule 204 - Permit Conditions; Version in SIP = CARB  
Ex. Order G-73, 40 CFR 52.220(c)(39)(ii)(B) - 11/09/78 43 FR 52237; Current Rule  
Version = 07/25/77]

**G. BLENDER MAKE-UP SYSTEM, MDAQMD permit number B000615, consisting of:**

CSC 65 Feeder 4000, screw silo W2  
CSC 64 Feeder 5000, screw silo W3  
CSC 68 Feeder 50/75, screw silo E1  
151BS to EL21, 152 BS, 9B  
BLR 01 Truck Reclaim Blower 001 ABS Silo to E3 silo  
CBE 28 Belt Conveyor 28, West Side  
CSC 06 Screw Conveyor from W4 Silo to weighbelt  
CSC 35 Screw Conveyor from E3 Dust Silo to weighbelt  
CBE 36 Weighbelt, CBE 36 to CSC 66  
CBE 34 Weighbelt, CBE 34 to CSC 70  
CSC 70 Blending Screw, East Side  
CSC 66 Blending Screw West Side  
CBE 35 Belt Conveyor, East Side

**Conditions for unit with permit number: B000615.**

1. The owner/operator shall comply with all applicable Regulations and Rules of this District. Applicable rules include, but are not necessarily limited to those in Regulation IV.
2. This equipment shall operate concurrently with and vented to properly operating baghouses described as DCLs 91 & 92, and under their valid District permits C003714 and C003713 respectively.

[Applies to all conditions above; Rule 204 - Permit Conditions; Version in SIP = CARB Ex. Order G-73, 40 CFR 52.220(c)(39)(ii)(B) - 11/09/78 43 FR 52237; Current Rule Version = 07/25/77]

**H. GRANULES PLANT (ROOF ROCK) SCREENING SYSTEM, MDAQMD permit number B000616, consisting of:**

CBE 30 Belt Conveyor from NW/SW bin to Cone Crusher (See PFD 204)  
061TY Cone Crusher  
418TY Feeder, recycle from storage to belt CBE 32  
CBE 31 Belt Conveyor from ELV 15 to ELV 03/04  
CBE 32 Belt Conveyor from No. 3 RR storage bin to Crusher 061TY  
CSC 23 Dust Return Screw Conveyor from DCL 38 to ELV 15  
ELV 14 Bucket Elevator from Crusher 061TY to Tyrock No. 3 screen  
ELV 15 Bucket Elevator from Tyrock Screen, SCT 03 to CBE 40  
SCT 03 Tyrock Screen No. 3

**Conditions for unit with permit number: B000616.**

1. The owner/operator shall comply with all applicable Regulations and Rules of this District. Applicable rules include, but are not necessarily limited to those in

Regulation IV.

2. This equipment shall operate concurrently with and vented to properly operating baghouse (DCL 38) under valid District permit C000714.

[Applies to all conditions above; Rule 204 - Permit Conditions; Version in SIP = CARB Ex. Order G-73, 40 CFR 52.220(c)(39)(ii)(B) - 11/09/78 43 FR 52237; Current Rule Version = 07/25/77]

**I. TRUCK RAILROAD LOADOUT SYSTEM FOR GRANULES PLANT (ROOF ROCK), MDAQMD permit number B000617, consisting of:**

166 HU Feeder from storage bin 181 TY to CBE 33, 4 hp  
CBE 33 Roof Rock Belt Conveyor to Truck Loadouts, Nos. 1, 2 and 3, at 1.5 hp

**Conditions for unit with permit number: B000617.**

1. Materials processed shall contain sufficient natural and/or added moisture to ensure compliance with District rules 401, 402 and 403. Sufficient water and the equipment to properly wet the materials being processed shall be maintained in operable condition on-site.
2. This unit shall operate concurrently with and vented to properly operating baghouse (DCL 15) under valid District permit C000635.

[Applies to all conditions above; Rule 204 - Permit Conditions; Version in SIP = CARB Ex. Order G-73, 40 CFR 52.220(c)(39)(ii)(B) - 11/09/78 43 FR 52237; Current Rule Version = 07/25/77]

**J. PACK BIN FOR No. 1 RAYMOND MILL, MDAQMD permit number B000621, consisting of:**

701 RB Pack Bin from 501 RA

**Conditions for unit with permit number: B000621.**

1. This equipment shall be operated and maintained in strict accord with the recommendations of its manufacturer or supplier and/or sound engineering principles.
2. This unit shall operate concurrently with and vented to properly operating baghouse (DCL 12) under valid District permit C000678.
3. This equipment shall be operated in compliance with all data and specifications submitted with the application under which this permit is issued unless otherwise noted below.

[Applies to all conditions above; Rule 204 - Permit Conditions; Version in SIP = CARB Ex. Order G-73, 40 CFR 52.220(c)(39)(ii)(B) - 11/09/78 43 FR 52237; Current Rule Version = 07/25/77]

**K. PACKER BIN FOR No. 2 RAYMOND MILL, MDAQMD permit number B000622, consisting of:**

PKB 02 RB Packer Bin from RMC 02

**Conditions for unit with permit number: B000622.**

1. This equipment shall be operated in compliance with all data and specifications submitted with the application under which this permit is issued unless otherwise noted below.
2. This unit shall operate concurrently with and vented to properly operating baghouse (DCL 11) under valid District permit C000679.
3. This equipment shall be operated and maintained in strict accord with the recommendations of its manufacturer or supplier and/or sound engineering principles.

[Applies to all conditions above; Rule 204 - Permit Conditions; Version in SIP = CARB Ex. Order G-73, 40 CFR 52.220(c)(39)(ii)(B) - 11/09/78 43 FR 52237; Current Rule Version = 07/25/77]

**L. PACKER 21 PEBBLE MILL #1, MDAQMD permit number B000624, consisting of:**

PKR 21 Vicron 15/15 Packer for Pebble Mill No. 1, at 5 hp

**Conditions for unit with permit number: B000624.**

1. The owner/operator shall comply with all applicable Regulations and Rules of this District. Applicable rules include, but are not necessarily limited to those in Regulation IV.
2. This unit shall operate concurrently with and vented to properly operating baghouse (DCL 45) under valid District permit C001890.

[Applies to all conditions above; Rule 204 - Permit Conditions; Version in SIP = CARB Ex. Order G-73, 40 CFR 52.220(c)(39)(ii)(B) - 11/09/78 43 FR 52237; Current Rule Version = 07/25/77]

**M. PACKER No. 14 FOR PEBBLE MILL No.2, MDAQMD permit number B000626, consisting of:**

PKR 14 Vicron 15/15 Packer for Pebble Mill No. 2

**Conditions for unit with permit number: B000626.**

1. The owner/operator shall comply with all applicable Regulations and Rules of this District. Applicable rules include, but are not necessarily limited to those in Regulation IV.
2. This unit shall operate concurrently with and vented to properly operating baghouse (DCL 45) under valid District permit C001890.

[Applies to all conditions above; Rule 204 - Permit Conditions; Version in SIP = CARB  
Ex. Order G-73, 40 CFR 52.220(c)(39)(ii)(B) - 11/09/78 43 FR 52237; Current Rule  
Version = 07/25/77]

**N. HI-PFLEX SYSTEM, MDAQMD permit number B000637, consisting of:**

410 HX Stearic Weigh Hopper  
420 HX Rotary Stearic Feeder  
440 HX Stearic Blower  
500 HX Henschel Stearic Mixer  
600 HX Henschel Discharge Valve  
CSC 13A Screw Conveyor ELV 57 to Superfill Bin  
CSC13B Screw Conveyor ELV 57 to Hi-Pflex Bin  
CSC 18A Screw Conveyor from 10-20 Bin to ELV 56  
CSC 18B Screw Conveyor from 15-15 Bin to ELV 56  
CSC 19 Henschel Discharge Screw Conveyor to ELV 57  
CSC 53 Discharge Screw Conveyor from ELV 56 to KEK Sifter  
10-20, 15-15 Weigh Hopper to Henschel Mixer  
CSC 54 Return Dust Screw Conveyor from DCL 21 to ELV 56  
ELV 56 Bucket Elevator from CSC 18 A/B to CSC 53  
ELV 57 Bucket Elevator from CSC 19 to CSC 13 A & B  
KEK 01 KEK Sifter

**Conditions for unit with permit number: B000637.**

1. The owner/operator shall comply with all applicable Regulations and Rules of this District. Applicable rules include, but are not necessarily limited to those in Regulation IV.
2. This unit shall operate concurrently with and vented to properly operating baghouse (DCLs 21) under valid District permit C000636.

[Applies to all conditions above; Rule 204 - Permit Conditions; Version in SIP = CARB  
Ex. Order G-73, 40 CFR 52.220(c)(39)(ii)(B) - 11/09/78 43 FR 52237; Current Rule  
Version = 07/25/77]

**O. FEED SYSTEM FOR RAYMOND MILLS Nos. 3, 4, & 5, MDAQMD permit number B000645, consisting of:**

CBE 41 Conveyor Belt from CBE 40 to Bin No. 5, at 3 hp  
CBE 40 Feed Belt from CBE22 to CBE41 and Raymond Mills 3, 4, 5, & 6 feed bins

**Conditions for unit with permit number: B000645.**

1. The owner/operator shall comply with all applicable Regulations and Rules of this District. Applicable rules include, but are not necessarily limited to those in

Regulation IV.

2. This unit shall operate concurrently with and vented to properly operating baghouse (DCL 32) under valid District permit C000643.

[Applies to all conditions above; Rule 204 - Permit Conditions; Version in SIP = CARB Ex. Order G-73, 40 CFR 52.220(c)(39)(ii)(B) - 11/09/78 43 FR 52237; Current Rule Version = 07/25/77]

**P. RAYMOND MILL PRODUCT HANDLING & STORAGE SYSTEM, MDAQMD permit number B000647, consisting of:**

Transfers material from raymond mill to 100 ton bin storage and bulk loadout.

BLR 34 Blower for the System

740 RP Four Rotary Locks on Silos, 1.5 hp each

**Conditions for unit with permit number: B000647.**

1. The owner/operator shall comply with all applicable Regulations and Rules of this District. Applicable rules include, but are not necessarily limited to those in Regulation IV.
2. This unit shall not be operated if the emissions from it exceed an opacity of 20% or greater.

[Applies to all conditions above; Rule 204 - Permit Conditions; Version in SIP = CARB Ex. Order G-73, 40 CFR 52.220(c)(39)(ii)(B) - 11/09/78 43 FR 52237; Current Rule Version = 07/25/77]

**O. RAYMOND MILL No. 5, MDAQMD permit number B000654, consisting of:**

005 RE Feed Bin for No. 5 Raymond Mill

105 RE Raymond Mill No. 5 and Drive

205 RE Raymond Mill No. 5 Feeder

305 RE Raymond Mill No. 5 Classifier

405 RE Raymond Mill No. 5 Fan

505 RE Raymond Mill No. 5 Cyclone

515 RE Raymond Mill No. 5 Cyclone Rotary Valve

725 RP Pumping Hoppers

735 RP Pumping Blower

745 RP Two Rotary Valves, Pneumatic System, 2.5 hp each

**Conditions for unit with permit number: B000654.**

1. The owner/operator shall comply with all applicable Regulations and Rules of this District. Applicable rules include, but are not necessarily limited to those in Regulation IV.
2. This unit shall operate concurrently with and vented to properly operating

baghouse (DCL 31) under valid District permit C000655.  
[Applies to all conditions above; Rule 204 - Permit Conditions; Version in SIP = CARB  
Ex. Order G-73, 40 CFR 52.220(c)(39)(ii)(B) - 11/09/78 43 FR 52237; Current Rule  
Version = 07/25/77]

**R. NORTH DOCK LOADOUT AND RECLAIM SYSTEM, MDAQMD permit number  
B000658, consisting of:**

BLR 33 Pumping Blower Reclaim Dust from DCL 33  
PKR 19 Packer

North Dock Scale, #5 RM, 100 foot Weigh Bridge  
North Dock Scale, #6 RM, 100 foot Weigh Bridge  
“D” Pack Bin  
Bulk Storage Trailer – 4,100 cubic foot capacity

**Conditions for unit with permit number: B000658.**

1. This equipment shall be operated and maintained in strict accord with the recommendations of its manufacturer or supplier and/or sound engineering principles.
2. This unit shall operate concurrently with and vented to properly operating baghouses DCL 33 under valid District permit C000644.
3. This equipment shall be operated in compliance with all data and specifications submitted with the application under which this permit is issued unless otherwise noted below.
4. This equipment shall be operated in compliance with all applicable requirements of 40 CFR 60 Subpart OOO - Standards of Performance for Nonmetallic Mineral Processing Plants.
5. This equipment shall not discharge into the atmosphere an exhaust stream that exhibits greater than the following opacity:
  - a. Stack emissions - seven percent (40 CFR 60.672(a))
  - b. All transfer points and fugitive emission points - ten percent (40 CFR 60.672(b))
6. The o/o shall conduct an initial compliance test per NSPS Subpart OOO requirements, including opacity (USEPA Method 9 or equivalent) testing as applicable for each fugitive emission point (transfer point or other) associated with this equipment.

[Applies to all conditions above; Rule 204 - Permit Conditions; Version in SIP = CARB  
Ex. Order G-73, 40 CFR 52.220(c)(39)(ii)(B) - 11/09/78 43 FR 52237; Current Rule  
Version = 07/25/77]

**S. GLASS SAND TRUCK AND RAILROAD LOADOUT, MDAQMD permit number B000662, consisting of:**

FD 103 Feeder to Belt CBE 52  
CBE 50 1000 ton Silo Transfer Belt  
WH 52 Miltronics Scale Weightometer for CBE 52  
CBE 52 Glass Sand Belt  
WH 51 Miltronics Scale Weightometer for CBE 51  
CBE 51 1000 ton Silo Loadout Belt  
ROT 79 DCL 79 Dust Return to CBE 51/52  
CSC 51 Conveyor Screw  
Dustless Loading Spouts SP52R and SP54

**Conditions for unit with permit number: B000662.**

1. The owner/operator shall comply with all applicable Regulations and Rules of this District. Applicable rules include, but are not necessarily limited to those in Regulation IV.
2. This unit shall operate concurrently with and vented to a properly operating baghouse (DCL 79, DCL 53, and DCL 54) as applicable, under valid District permits C003432, C009762, and C009763 respectively.

[Applies to all conditions above; Rule 204 - Permit Conditions; Version in SIP = CARB Ex. Order G-73, 40 CFR 52.220(c)(39)(ii)(B) - 11/09/78 43 FR 52237; Current Rule Version = 07/25/77]

**T. DRIER SIZER SYSTEM, MDAQMD permit number B000663, consisting of:**

IMP 02 Impactor  
CBE 23 Recycle Belt Conveyor  
CBE 24 Feed Belt Conveyor to Tyrock Screen STC 07  
CSC 01 Screw Conveyor Dust Return from DCL 02 to CBE 24  
CSC 02 Drier Feed Screw Conveyor from Tyrock  
CSC 03 Reclaim Screw Conveyor from Hummers to Impactors  
SCT 07 Drier Tyrock Screen 1 in and 1/4 in  
CLF 01 De-dusting 12 ft Classifier  
CSC 20 Return Dust Screw Conveyor from DCL 28 Hopper to CSC 21  
CSC 51 Dust Return Screw from DCL 03 to CSC 52  
CSC 52 Dust Return from CSC 51 to ELV 18 & ELV 23  
ELV 18 Elevator Bucket Discharge from Drier  
SCH 07 Hummer No. 7 Top South Screen 16 M, 30 M  
CSC 26 CLF 01 Discharge Screw Conveyor  
SCC 01 Sweco No. 1 Screen 6 M, 9 M  
SCC 02 Sweco No. 2 Screen 6 M, 9 M

SCH 06 Hummer No. 6 Top North 16 M, 30 M  
SCH 08 Hummer No. 8 Bottom North 40 M, 50 M  
SCH 09 Hummer No. 9 Bottom South 40 M, 50 M  
BLR 65 Blender Blower  
ROT 65 Fines Bin Rotary Airlock  
CSC 25 12' Classifier to Fines Bin Screw Conveyor  
CSC 27 Overflow Bin to ELV 18 Screw Conveyor  
ELV 32 Elevator Drier Discharge to ELV 28 Intake  
CSC 42 Classifier 01 Coarse to North Hummer SCH 06 Screw Conveyor  
CSC 43 Classifier Coarse to South Hummer SCH 07 Screw Conveyor  
CSC 49 Classifier Coarse to Scalping System ELV 29 Screw Conveyor  
CSC 05 14' Classifier to Fines Bin Screw Conveyor  
CSC 60 14' Classifier to Product Belts Screw Conveyor  
CLF 02 14' Classifier  
ELV 31 14' Classifier to Midwestern Screens SMW 03/04 Elevator  
ELV 29 Midwestern Multivibe SMW01 Feed Elevator  
SMW 01 Midwestern Multivibe Scalper  
SMW 03 North Midwestern Screen (east circuit)  
SMW 04 South Midwestern Screen (east circuit)  
SCH 10 South Hummer (east circuit)  
SCH 11 North Hummer (east circuit)  
CBE 528 Belt Conveyor to CBE 529  
CBE 529 Belt Conveyor to ELV 925

**Conditions for unit with permit number: B000663.**

1. Operation of this equipment shall be conducted in accordance with all data and specifications submitted with the application under which this permit is issued unless otherwise noted below.
2. This equipment shall operate concurrently with and vent to the air pollution control equipment operating under District permits C000632 (DCL03), C000656 (DCL04), C000659 (DCL28), C002329 (DCL60), and C007776 (DCL29).
3. The owner/operator shall pave, maintain as paved and periodically sweep those areas known as the truck parking area exit road and the truck parking area turning fringe as shown on drawing C-2 (approximately 80,000 sq ft of asphalt surface). For purposes of this condition, periodically sweep is defined as remove visible material deposits within 24 hours.
4. The owner/operator (o/o) shall maintain this equipment in strict accord with those recommendations of the manufacturer/supplier and/or sound engineering principles which produce the minimum emissions of air contaminants.
5. Owner/operator shall conduct stack and transfer fugitive emission point

- observations (using USEPA Method 22, and USEPA Method 9 if necessary) on a quarterly basis. The frequency of observations may be reduced to annual for those emission points that are contained within a building and will be observed at all exits or openings of the building.
6. The o/o shall conduct a minimum program of inspection and maintenance on this equipment. The o/o shall maintain current and on-site for five (5) years a log of the following information, which shall be provided to District, State and/or Federal personnel upon request:
    - a. Quarterly and annual stack and transfer fugitive emission point observation date and result (using USEPA Method 22, and USEPA Method 9 if necessary); and,
    - b. Date and nature of any system repairs.
  7. This equipment shall be operated in compliance with all applicable requirements of 40 CFR 60 Subpart OOO - Standards of Performance for Nonmetallic Mineral Processing Plants.
  8. This equipment shall not discharge into the atmosphere an exhaust stream that exhibits greater than the following opacity:
    - a. All transfer points and fugitive emission points - ten percent (40 CFR 60.672(b))

[Applies to all conditions above; Rule 204 - Permit Conditions; Version in SIP = CARB Ex. Order G-73, 40 CFR 52.220(c)(39)(ii)(B) - 11/09/78 43 FR 52237; Current Rule Version = 07/25/77]

[40 CFR 70.6(a)(3)(ii)(B); Rule 1203(D)(1)(d)(ii)]

[40 CFR 70.6 (a)(3)(i)(B) - Periodic Monitoring Requirements]

[40 CFR 60.670 et seq - NSPS Subpart OOO]

[Rule 1303 - *Requirements*; Version in SIP = as amended 3/25/96, 40 CFR 52.220(c)(239)(:)(A)(1) - 11/13/96 61 FR 58133; current rule version = 9/24/01]

**U. STONE STOCKPILE LOADING BELT SYSTEM, MDAQMD permit number B000664, consisting of:**

Belt Conveyor CBE 12A, discharging to CBE 12B and 'A' pile (30 hp)

Belt Conveyor CBE 12B, discharging to CBE 12C and 'B' pile (10 hp)

Belt Conveyor CBE 12C, discharging to 12D and 'C' pile (10 hp)

Belt Conveyor CBE 12D, discharging to 'D' pile (10 hp)

**Conditions for unit with permit number: B000664.**

1. The owner/operator shall comply with all applicable Regulations and Rules of this District. Applicable rules include, but are not necessarily limited to those in Regulation IV.
2. This unit shall operate concurrently with properly operating Dust Suppression

Spray System (DCL 81) under valid District permit C002143.  
[Applies to all conditions above; Rule 204 - Permit Conditions; Version in SIP = CARB  
Ex. Order G-73, 40 CFR 52.220(c)(39)(ii)(B) - 11/09/78 43 FR 52237; Current Rule  
Version = 07/25/77]

**V. CRUSHED FINES, MDAQMD permit number B000665, consisting of:**

35 KS Feeder from Fines Tank (001 SW), at 0.33 hp  
12 CR Feeder from Tank 202 CR, at 2 hp  
13 CR Feeder from Tank 203 CR, at 2 hp  
12 CR Hopper, Fines Reclaim

**Conditions for unit with permit number: B000665.**

1. The owner/operator shall comply with all applicable Regulations and Rules of this District. Applicable rules include, but are not necessarily limited to those in Regulation IV.
2. This unit shall not be operated if the emissions from it exceed an opacity of 20%.  
[Applies to all conditions above; Rule 204 - Permit Conditions; Version in SIP = CARB  
Ex. Order G-73, 40 CFR 52.220(c)(39)(ii)(B) - 11/09/78 43 FR 52237; Current Rule  
Version = 07/25/77]

**W. GLASS SAND FEED SYSTEM, MDAQMD permit number B000667, consisting of:**

CBE 56 Belt from CBE 26 to CBE 57  
CBE 57 Belt from CBE 56 to Glass Sand Storage Silos  
ROT 44 Dust Return from DCL 44

**Conditions for unit with permit number: B000667.**

1. The owner/operator shall comply with all applicable Regulations and Rules of this District. Applicable rules include, but are not necessarily limited to those in Regulation IV.
2. This unit shall operate concurrently with and vented to properly operating baghouses (DCLs 44 and 94) under valid District permits C002340 and C007770 respectively.  
[Applies to all conditions above; Rule 204 - Permit Conditions; Version in SIP = CARB  
Ex. Order G-73, 40 CFR 52.220(c)(39)(ii)(B) - 11/09/78 43 FR 52237; Current Rule  
Version = 07/25/77]

**X. PEBBLE MILL No. 1, MDAQMD permit number B000669, consisting of:**

001 VA 1,100 cu ft Feed Bin  
011 VA No. 1 Pebble Mill  
031 VA Feeder to Mill

071 VA Main Fan on Mill  
081 VA Cyclone on Mill  
091 VA Cyclone Rotary Valve  
101 VA Air Slide Blower  
111 VA Air Slides  
201 VA Classifier No. 01 Sturtevant  
202 VA Classifier No. 02 Sturtevant  
203 VA Classifier No. 03 Sturtevant  
204 VA Classifier No. 04 Sturtevant  
205 VA Classifier No. 05 Sturtevant  
206 VA Classifier No. 06 Sturtevant  
207 VA Classifier No. 07 Sturtevant  
208 VA Classifier No. 08 Sturtevant  
209 VA Classifier No. 09 Sturtevant  
210 VA Classifier No. 10 Sturtevant  
211 VA Classifier No. 11 Sturtevant  
361 VA Distribution Box  
381 VA Finished Product Bin  
CSC 09 Screw Conveyor Return Product DCL 17 to Distributor Box 361 VA  
CSC 10 Screw Conveyor Class 9 Product to Pack Bin  
CSC 11 Screw Conveyor from No. 1 Pebble Mill to ELV 22

**Conditions for unit with permit number: B000669.**

1. The owner/operator shall comply with all applicable Regulations and Rules of this District. Applicable rules include, but are not necessarily limited to those in Regulation IV.
2. This unit shall operate concurrently with and vented to properly operating baghouses (DCLs 17 and 45) under valid District permits C000629 and C001890 respectively.

[Applies to all conditions above; Rule 204 - Permit Conditions; Version in SIP = CARB Ex. Order G-73, 40 CFR 52.220(c)(39)(ii)(B) - 11/09/78 43 FR 52237; Current Rule Version = 07/25/77]

**Y. PEBBLE MILL No. 2 SYSTEM, MDAQMD permit number B000670, consisting of:**

PMM 02 No. 2 Pebble Mill  
PMB 02 Feed Bin 1,100 cu ft  
032 VB Feed Screw for Mill: IDLE  
PMF 02 Main Fan for Mill  
PMC 02 Cyclone for Mill  
PCV 02 Cyclone Rotary Valve

BLR 23 112 VB Air Slides and Blower for Mill  
201 VB New Classifier  
301 VB New Classifier  
CSC 64 Dust Return Screw Conveyor from DCL 45 to Spill Box No. 1  
CSC 65 Classifier Discharge Screw from 201 VB & 301 VB to No. 1 Pebble Mill  
CSC 30B Dust Return Screw Conveyor from DCL 45 to No. 1 Pebble Mill  
ELV 16 Bucket Elevator from ELV 07 to No. 2 Pebble Mill Feed Bin: IDLE  
MS 101 Microsizer #1 Classifier  
MFN 01 Microsizer #1 Fan  
ROT 01 Rotary Valve Feeder to Microsizer #1  
ROT 02 Coarse Discharge Rotary Lock MS #1 to Spill Box #2  
MSC 01 Microsizer #1 Product Cyclone  
RV 03 Cyclone Product Rotary Lock 382  
382 VB Finished Product Bin, 1,100 cu ft  
CSC 63 Dust Return Screw for Bag Hopper  
ELV 24 Bucket Elevator from CSC 63 to Reclaim Bin  
KEK 11 KEK System Pebble Mill  
KEK 10 KEK System Pebble Mill  
ROT 10 Rotary Lock to BLR 22 from CSC 46  
ROT 12 Rotary Lock KEK Product Hopper to BLR 29  
BLR 29 Blower for KEK System  
BLR 22 Blower to HiPflex/Superfill or Big Bert  
MS 102 Microsizer #2 Classifier  
MFN 02 Microsizer #2 Fan  
ROT 04 Rotary Valve Feeder to Microsizer #2  
ROT 05 Coarse Discharge Rotary Lock to CSC 65  
MSC 02 Microsizer #2 Product Cyclone  
ROT 06 Cyclone Product Rotary Lock  
MS 103 Microsizer #3 Classifier  
MFN 03 Microsizer #3 Fan  
ROT 07 Rotary Valve Feeder to Microsizer #3  
ROT 08 Coarse Discharge Rotary Lock to CSC 65  
MSC 03 Microsizer #3 Product Cyclone  
ROT 09 Cyclone Product Rotary Lock  
MS104 Microsizer #4 Classifier  
MFN 04 Microsizer #4 Fan  
ROT 30 Rotary Valve Feeder to Microsizer #4  
ROT 31 Coarse Discharge Rotary Lock from MS 104  
MSC 04 Microsizer #4 Product Cyclone  
ROT 32 Cyclone Product Rotary Lock

ELV 22 Elevator 22 to Turbo/KEK Systems  
ROT 19 Dust Return from DCL 19 to CSC 65  
ROT 13 MS104 Product Rotary Lock to BLR 22  
ROT 34 MS Product Recirc to PM2 Fan Rotary Lock  
CSC 38 KEK Feed Screw Conveyor to CSC 46  
CSC 46 KEK Feed Screw  
CSC 66 KEK 10/11 Coarse Product to CSC 65  
CSC 62 PM 2 Feed Screw Conveyor from Reclaim Bin  
ROT 11 DCL 78 Rotary Lock  
BLR 21 Pebble Mill #2 Truck Reclaim Blower  
KEK 12 KEK System Pebble Mill  
BLR 29 KEK Product Blower

**Conditions for unit with permit number: B000670.**

1. The owner/operator shall comply with all applicable Regulations and Rules of this District. Applicable rules include, but are not necessarily limited to those in Regulation IV.
2. This unit shall operate concurrently with and vented to properly operating baghouses (DCLs 19, 45 and 78) under valid District permits C000630, C001890 and C003018 respectively.

[Applies to all conditions above; Rule 204 - Permit Conditions; Version in SIP = CARB Ex. Order G-73, 40 CFR 52.220(c)(39)(ii)(B) - 11/09/78 43 FR 52237; Current Rule Version = 07/25/77]

**Z. RAYMOND MILL No. 4, MDAQMD permit number B000672, consisting of:**

004 RD Feed Bin to Mill  
104 RD Raymond Mill No. 4  
204 RD Mill Feeder  
280 RE Rotary Feeder from Mill Cyclone  
404 RD Main Mill Fan  
414 RD Whizzer  
504 RD Cyclone  
724 RP Pumping Hoppers  
734 RP Pumping Blower  
SCC 05 Sweco Screen  
744 RP Rotary Lock, Mill pumping Hoppers  
DCL 14 Dust Return Rotary Lock

**Conditions for unit with permit number: B000672.**

1. The owner/operator shall comply with all applicable Regulations and Rules of this District. Applicable rules include, but are not necessarily limited to those in Regulation IV.
2. This unit shall operate concurrently with and vented to properly operating baghouse (DCL 14) under valid District permit C000634.

[Applies to all conditions above; Rule 204 - Permit Conditions; Version in SIP = CARB Ex. Order G-73, 40 CFR 52.220(c)(39)(ii)(B) - 11/09/78 43 FR 52237; Current Rule Version = 07/25/77]

**AA. RAYMOND MILL No. 3 SYSTEM, MDAQMD permit number B000673, consisting of:**

103 RC Raymond Mill No. 3 & Drive  
003 RC Feed Bin of Mill  
203 RE Mill Feeder  
270 RC Rotary Valve from Cyclone  
313 RC Whizzer  
403 RC Main Mill Fan  
503 RC Cyclone  
723 RP Pumping Hoppers  
733 RP Pumping Blower  
743 RP Rotary Lock, Pumping Hoppers  
SCC 04 Sweco Screen  
CSC 16 Screw Conveyor to 80 M Loadout Bin

**Conditions for unit with permit number: B000673.**

1. The owner/operator shall comply with all applicable Regulations and Rules of this District. Applicable rules include, but are not necessarily limited to those in Regulation IV.
2. This unit shall operate concurrently with and vented to properly operating baghouse (DCL 27) under valid District permit C000713.

[Applies to all conditions above; Rule 204 - Permit Conditions; Version in SIP = CARB Ex. Order G-73, 40 CFR 52.220(c)(39)(ii)(B) - 11/09/78 43 FR 52237; Current Rule Version = 07/25/77]

**AB. RAYMOND MILL No. 2 SYSTEM, MDAQMD permit number B000674, consisting of:**

RMB 02 Mill Feed Bin  
RMD 02 No. 2 Raymond Mill and Drive  
RFD 02 Mill Feeder  
RWD 02 Whizzer  
RMF 02 Main Fan for Mill  
RMC 02 Cyclone

BLR 24 Airslide Blower  
ROT 20 Cyclone Rotary Lock  
ROT 26 DCL 26 Dust Return Rotary Lock

**Conditions for unit with permit number: B000674.**

1. The owner/operator shall comply with all applicable Regulations and Rules of this District. Applicable rules include, but are not necessarily limited to those in Regulation IV.
2. This unit shall operate concurrently with and vented to properly operating baghouse (DCL 26) under valid District permit C004600.

[Applies to all conditions above; Rule 204 - Permit Conditions; Version in SIP = CARB Ex. Order G-73, 40 CFR 52.220(c)(39)(ii)(B) - 11/09/78 43 FR 52237; Current Rule Version = 07/25/77]

**AC. RAYMOND MILL No. 1 SYSTEM, MDAQMD permit number B000675, consisting of:**

101 RA No. 1 Raymond Mill and Drive  
001 RA Mill Feed Bin  
201 RA Mill Feeder  
311 RA Whizzer  
402 RA Main Fan  
501 RA Cyclone  
ROT 25 DCL 25 Dust Return Rotary Lock  
501 RA Cyclone Rotary Lock

**Conditions for unit with permit number: B000675.**

1. The owner/operator shall comply with all applicable Regulations and Rules of this District. Applicable rules include, but are not necessarily limited to those in Regulation IV.
2. This unit shall operate concurrently with and vented to properly operating baghouse (DCL 25) under valid District permit C000638.

[Applies to all conditions above; Rule 204 - Permit Conditions; Version in SIP = CARB Ex. Order G-73, 40 CFR 52.220(c)(39)(ii)(B) - 11/09/78 43 FR 52237; Current Rule Version = 07/25/77]

**AD. MILL SCREENING - PRIMARY SYSTEM, MDAQMD permit number B000680, consisting of:**

Note CBE 31 is reflected on Permit B000616  
CBE 29 Belt Conveyor from NE/SE Bins to ELV 02  
018 TY 6 Grit Pack Bin  
017 TY 1640 Pack Bin

083 HU Impactor No. 1 G/P  
ELV 02 Bucket Elevator from CBE 29 to No. 1 Tyrock  
ELV 03 Bucket Elevator from CBE 31 to No. 1 Hummer  
ELV 05 Bucket Elevator from Tyrock No. 1 to Hummer No. 1  
ELV 07 Bucket Elevator from Raymond Mills Nos. 1 & 2 to Pebble Mills Nos. 1 & 2.  
SCH 01 Hummer No. 1 Mill  
STC 01 Tyrock Screen No. 1 Mill  
M40 G1 Diverter Gate No. 1  
M40 G2 Diverter Gate No. 2  
CBE 55 Conveyor Belt

**Conditions for unit with permit number: B000680.**

1. The owner/operator shall comply with all applicable Regulations and Rules of this District. Applicable rules include, but are not necessarily limited to those in Regulation I.
2. This unit shall operate concurrently with and vented to properly operating baghouse DCL 11 under valid District permit C000679, and DCL 12 under valid District permit C000678.

[Applies to all conditions above; Rule 204 - Permit Conditions; Version in SIP = CARB Ex. Order G-73, 40 CFR 52.220(c)(39)(ii)(B) - 11/09/78 43 FR 52237; Current Rule Version = 07/25/77]

**AE. BULK DUST TRUCK LOADOUT FROM 115 TON SILOS TO TRUCK LOADOUT, MDAQMD permit number B000683, consisting of:**

198 BS Airslide from 115 ton Silos to Truck Loadout  
008 BS Blower for Airslide 198 BS, at 2 hp

**Conditions for unit with permit number: B000683.**

1. The owner/operator shall comply with all applicable Regulations and Rules of this District. Applicable rules include, but are not necessarily limited to those in Regulation IV.
2. This unit shall not be operated if the emissions from it exceed an opacity of 20% or greater.

[Applies to all conditions above; Rule 204 - Permit Conditions; Version in SIP = CARB Ex. Order G-73, 40 CFR 52.220(c)(39)(ii)(B) - 11/09/78 43 FR 52237; Current Rule Version = 07/25/77]

**AF. BLENDER 65 TON BIN LOADOUT, MDAQMD permit number B000688, consisting of:**

181BS Airslide Blower  
181BS Airslide  
Truck Loadout Valve from NE Silo  
Truck Loadout Valve from SE Silo  
Truck Loadout Valve from SW Silo  
Truck Loadout Valve from NW Silo

**Conditions for unit with permit number: B000688.**

1. This equipment shall not be operated unless it is vented to air pollution control equipment operating under District valid permit C000684 (DCL 07) under T003711.

[Applies to all conditions above; Rule 204 - Permit Conditions; Version in SIP = CARB Ex. Order G-73, 40 CFR 52.220(c)(39)(ii)(B) - 11/09/78 43 FR 52237; Current Rule Version = 07/25/77]

**AG. AUTOMATED PACKAGING CENTER #1, MDAQMD permit number B000694, consisting of:**

PKR 18 Durant Palletizing system including packers, at 29 hp

**Conditions for unit with permit number: B000694.**

1. The owner/operator shall comply with all applicable Regulations and Rules of this District. Applicable rules include, but are not necessarily limited to those in Regulation IV.
2. This unit shall operate concurrently with and vented to properly operating baghouses (DCL 07 and DCL 05) under valid District permits C000684 and C008375, respectively.

[Applies to all conditions above; Rule 204 - Permit Conditions; Version in SIP = CARB Ex. Order G-73, 40 CFR 52.220(c)(39)(ii)(B) - 11/09/78 43 FR 52237; Current Rule Version = 07/25/77]

**AH. METSTONE LOADOUT, RR AND TRUCK SYSTEM, MDAQMD permit number B000709, consisting of:**

646 KS Fines Stockpile Feeder  
CBE 48 Fines Belt  
645 KS Coarse Stockpile Feeder  
CBE 47 Coarse Belt  
CBE 49 Loadout Belt  
Railcar Loadout (disabled)

Railcar Mover (disabled)  
Truck Loadout  
100' Weigh Scale  
DCL 72 Dust Return Rotary Lock

**Conditions for unit with permit number: B000709.**

1. Materials processed by equipment in this permit shall contain sufficient natural and/or added moisture to ensure compliance with District Rules 401 and 403. Sufficient water and equipment in operable condition shall be maintained on-site and used as necessary to ensure compliance with the above-mentioned rules.
2. This equipment shall operate concurrently with, and shall be vented to, the properly operating baghouse on and under District permit C002396.

[Applies to all conditions above; Rule 204 - Permit Conditions; Version in SIP = CARB Ex. Order G-73, 40 CFR 52.220(c)(39)(ii)(B) - 11/09/78 43 FR 52237; Current Rule Version = 07/25/77]

**AI. MET-STONE CONVEYOR FEED SYSTEM, MDAQMD permit number B000710, consisting of:**

IMP 908 - Impactor  
BSL 44 - Conveyor 44, Belt Scale  
CBE 44 - Belt Conveyor from CBE 43/64 to Diverter  
CBE 45 - Coarse Pile Feed Belt from Tyrock Screen  
CBE 46 - Fines Pile Feed Belt from Tyrock Screen  
ELV 925 - Bucket Elevator from Impactor to DIV 924  
SCT 908 - Three Deck Tyrock Screen  
ELV 926 - Bucket Elevator from Tyrock Screen to CBE 916  
CBE 17 - Belt Conveyor to CBE 22  
CBE 18 - Belt Conveyor to DSG 05  
CBE 916 - Belt Conveyor to #7 RM Feed Bin  
ROT 42 - DCL 42 Dust Return Rotary Lock

**Conditions for unit with permit number: B000710.**

1. The equipment listed above shall not be operated unless it is vented to properly maintained and functioning baghouses described under District permits C000712 (DCL 42), C000711 (DCL 43) and C008969 (DCL 941)
2. Operation of this equipment shall be conducted in accordance with all data and specifications submitted with the application under which this permit is issued unless otherwise noted below.
3. The owner/operator (o/o) shall maintain this equipment in strict accord with those recommendations of the manufacturer/supplier and or sound engineering principles

- which produce the minimum emissions of air contaminants.
4. The o/o shall conduct a minimum program of inspection and maintenance on this equipment. The o/o shall maintain current and on-site for five (5) years a log of the following information, which shall be provided to District, State and/or Federal personnel upon request:
    - a. Quarterly stack and transfer fugitive emission point observation date and result (using USEPA Method 22, and USEPA Method 9 if necessary);
    - b. Date and nature of any system repairs; and,
    - c. Monthly and rolling twelve-month cumulative production in tons.
  5. This equipment shall be operated in compliance with all applicable requirements of 40 CFR 60 Subpart OOO - Standards of Performance for Nonmetallic Mineral Processing Plants.
  6. This equipment shall not discharge into the atmosphere an exhaust stream that exhibits greater than the following opacity:
    - a. All transfer points and fugitive emission points - ten percent (40 CFR 60.672(b))
  7. This equipment shall not process more than 1.64 million tons of material per year, calculated on a rolling twelve-month basis.

[Applies to all conditions above; Rule 204 - Permit Conditions; Version in SIP = CARB Ex. Order G-73, 40 CFR 52.220(c)(39)(ii)(B) - 11/09/78 43 FR 52237; Current Rule Version = 07/25/77]

[40 CFR 70.6(a)(3)(ii)(B); Rule 1203(D)(1)(d)(ii)]

[40 CFR 70.6 (a)(3)(i)(B) - Periodic Monitoring Requirements]

[40 CFR 60.670 et seq - NSPS Subpart OOO]

[Rule 1303 - Requirements; Version in SIP = as amended 3/25/96, 40 CFR

52.220(c)(239)(:)(A)(1) - 11/13/96 61 FR 58133; current rule version = 9/24/01]

**AJ. RANGER 8 PACKAGING, MDAQMD permit number B000715, consisting of:**

BLR 05 Ranger 8 Airslide Blower  
PKR 30 Ranger 8 Packer

**Conditions for unit with permit number: B000715.**

1. The owner/operator shall comply with all applicable Regulations and Rules of this District. Applicable rules include, but are not necessarily limited to those in Regulation IV.
2. This unit shall not be operated if the emissions from it exceed an opacity of 20%.
3. This unit shall operate concurrently with and vented to properly operating baghouse (DCL 46) under valid District permit C000716, which is under District permit T002324.

[Applies to all conditions above; Rule 204 - Permit Conditions; Version in SIP = CARB Ex. Order G-73, 40 CFR 52.220(c)(39)(ii)(B) - 11/09/78 43 FR 52237; Current Rule

Version = 07/25/77]

**AK. STONE WITHDRAWAL SYSTEM, MDAQMD permit number B002300, consisting of:**

Seven Pile Reclaim Feeders (031KS, 032SWA, 032SWB, 033SWA, 033SWB, 034SWA & 034 SWB)  
015 SW Magnet Conveyor  
401 SW Belt Scale (for CBE 21)  
Three 5 hp Reclaim Belts (CBE14B, CBE14C & CBE14D)  
CBE 15 Reclaim Belt (to CBE 21)  
CBE 43 Belt from fines tank to CBE 15  
CBE 96 Belt from CBE 43 to CBE 15  
CBE 21 Drier Impactor Feed Belt  
CBE 64 Belt from A pile  
ROT 80 DCL 80 Rotary lock dust return

**Conditions for unit with permit number: B002300.**

1. The owner/operator shall comply with all applicable Regulations and Rules of this District. Applicable rules include, but are not necessarily limited to those in Regulation IV.
2. This unit shall operate concurrently with and vented to properly operating baghouses (DCL 80 and DCL 43) under valid District permit C004475 and C000711, respectively.

[Applies to all conditions above; Rule 204 - Permit Conditions; Version in SIP = CARB Ex. Order G-73, 40 CFR 52.220(c)(39)(ii)(B) - 11/09/78 43 FR 52237; Current Rule Version = 07/25/77]

**AL. CAGE MILL CIRCUIT, MDAQMD permit number B002301, consisting of:**

ELV 28 Cage Mill Discharge Bucket Elevator  
CGM 01 Cage Mill  
CSC 41 Cage Mill 1 Feed Screw Conveyor  
CGM 02 Cage Mill  
ELV 30 Cage Mill 2 Discharge Elevator

**Conditions for unit with permit number: B002301.**

1. Operation of this equipment shall be conducted in accordance with all data and specifications submitted with the application under which this permit is issued unless otherwise noted below.
2. This equipment shall operate concurrently with and vent to the air pollution control equipment operating under District permit C000659 (DCL28).

[Applies to all conditions above; Rule 204 - Permit Conditions; Version in SIP = CARB  
Ex. Order G-73, 40 CFR 52.220(c)(39)(ii)(B) - 11/09/78 43 FR 52237; Current Rule  
Version = 07/25/77]

**AM. RECLAIM SYSTEM TO FEED BINS, MDAQMD permit number B002302,**  
**consisting of:**

006 TY Rotary Feeder from Reclaim Hopper to ELV 01  
501 SW CBE 22 Turnhead Gates  
CSC 32 Reclaim Screw Conveyor to ELV 01  
ELV 01 Reclaim Bucket Elevator  
CSC 33 Reclaim Screw Conveyor from ELV 01 to ELV 15/SW Bin

**Conditions for unit with permit number: B002302.**

1. The owner/operator shall comply with all applicable Regulations and Rules of this District. Applicable rules include, but are not necessarily limited to those in Regulation IV.
2. This unit shall operate concurrently with and vented to properly operating baghouse (DCL 38) under valid District permit C000714, which is under District permit number B000616.

[Applies to all conditions above; Rule 204 - Permit Conditions; Version in SIP = CARB  
Ex. Order G-73, 40 CFR 52.220(c)(39)(ii)(B) - 11/09/78 43 FR 52237; Current Rule  
Version = 07/25/77]

**AN. FEED SYSTEM TO BLENDER STORAGE, MDAQMD permit number B002303,**  
**consisting of:**

022SW Magnet Conveyor Belt CBE 22  
141 BS Belt Scale on Belt CBE 25  
401 KF CBE 26 Multronics Scale  
402 SW CBE 22 Autoweigh Scale  
CBE 20 Hummer Mills Conveyor Belt  
CBE 22 Hummer Mills, Gates 10 & 12 Feed Belt Conveyor  
CBE 25 40/50 Mesh Belt Conveyor  
CBE 26 Belt Conveyor to CBE 56, CBE 58 and CSC 84  
CBE 66 Belt Conveyor Feed for E1 Bin  
CBE 37 Belt Conveyor Feed for W1 Bin  
CBE 67 Belt Conveyor Feed for E2 Bin  
CBE 58 Belt Conveyor to PKR 18  
CBE 19 D/S Screens to Diverter Gate Complex 19 Conveyor Belt  
CSC 94 Baghouse DCL 94 Discharge to Silo E3 Screw Conveyor  
ROT 94 DCL 94 Dust Return Rotary Lock

ROT 92 DCL 92 Dust Return Rotary Lock  
CSC 92 DCL 92 Discharge to E3  
ROT 91 DCL 91 Dust Return Rotary Lock  
CSC 91 DCL 91 Discharge to E3  
ROT 07A DCL 07 Dust Return Rotary Lock  
ROT 07B DCL 07 Dust Return Rotary Lock  
CSC 71 DCL 07 Discharge Screw Conveyor  
CSC 72 DCL 07 Discharge Screw Conveyor

**Conditions for unit with permit number: B002303.**

1. This equipment shall be operated in compliance with all data and specifications submitted with the application under which this permit is issued unless otherwise noted below.
2. This equipment shall operate concurrently with and vent to the air pollution control equipment operating under District permits C003713 (DCL92), C003714 (DCL91), C007770 (DCL94) and C000684 (DCL07).
3. This equipment shall be operated and maintained in strict accord with the recommendations of its manufacturer or supplier and/or sound engineering principles.

[Applies to all conditions above; Rule 204 - Permit Conditions; Version in SIP = CARB Ex. Order G-73, 40 CFR 52.220(c)(39)(ii)(B) - 11/09/78 43 FR 52237; Current Rule Version = 07/25/77]

**AO. BLENDER FEED SYSTEM TO SILOS, MDAQMD permit number B002304, consisting of:**

ELV 20 Bucket Elevator to Blender Loadout Silos Through Diverter DIV201  
ELV 21 Bucket Elevator to Blender Loadout Silos Through Diverter DIV211

**Conditions for unit with permit number: B002304.**

1. Operation of this equipment shall be conducted in accordance with all data and specifications submitted with the application under which this permit is issued unless otherwise noted below.
2. This equipment shall operate concurrently with and vent to the air pollution control equipment operating under District permit C000684 (DCL07).

[Applies to all conditions above; Rule 204 - Permit Conditions; Version in SIP = CARB Ex. Order G-73, 40 CFR 52.220(c)(39)(ii)(B) - 11/09/78 43 FR 52237; Current Rule Version = 07/25/77]

**AP. SECONDARY MILL SCREENING SYSTEM, MDAQMD permit number B002305, consisting of:**

082 HU Impactor, North  
ELV 04 Bucket Elevator from 082 HU to SCH 02  
ELV 06 Bucket Elevator from ELV 02 to SCH 02  
SCH 02 Hummer No. 2 Mill, 16 M and 40 M  
SCT 02 TyrockScreen, No. 2 Mill, 1/4 in and 8 M  
ROT 51 DCL 11 Dust Return Rotary Lock  
M40 G5 SCH02 Product Gate  
M40 G6 SCH02 Product Gate  
M40 G7 SCH02 Product Gate

**Conditions for unit with permit number: B002305.**

1. The owner/operator shall comply with all applicable Regulations and Rules of this District. Applicable rules include, but are not necessarily limited to those in Regulation IV.
2. This unit shall operate concurrently with and vented to properly operating baghouses (DCLs 12 and 11) under valid District permits C000678 and C000679 respectively.

[Applies to all conditions above; Rule 204 - Permit Conditions; Version in SIP = CARB Ex. Order G-73, 40 CFR 52.220(c)(39)(ii)(B) - 11/09/78 43 FR 52237; Current Rule Version = 07/25/77]

**AO. PACKER SYSTEM FOR GRIT, MDAQMD permit number B002306, consisting of:**

PKR 01 No. 6 Grit Packer at Impactor Mill, at 3 hp

**Conditions for unit with permit number: B002306.**

1. This equipment shall be operated in compliance with all data and specifications submitted with the application under which this permit is issued unless otherwise noted below.
2. This unit shall operate concurrently with and vented to properly operating baghouse (DCL 11) under valid District permit C000679.
3. This equipment shall be operated and maintained in strict accord with the recommendations of its manufacturer or supplier and/or sound engineering principles.

[Applies to all conditions above; Rule 204 - Permit Conditions; Version in SIP = CARB Ex. Order G-73, 40 CFR 52.220(c)(39)(ii)(B) - 11/09/78 43 FR 52237; Current Rule Version = 07/25/77]

**AR. RAYMOND MILLS 1 & 2 DISCHARGE SYSTEM, MDAQMD permit number B002307, consisting of:**

- ELV 11 Bucket Elevator, Idle
- ELV 12 Bucket Elevator, from ELV 09 to Rail Car (to remain Idle)

**Conditions for unit with permit number: B002307.**

1. The owner/operator shall comply with all applicable Regulations and Rules of this District. Applicable rules include, but are not necessarily limited to those in Regulation IV.
  2. This unit shall operate concurrently with and vented to properly operating baghouse (DCL 11) under valid District permit C000679.
- [Applies to all conditions above; Rule 204 - Permit Conditions; Version in SIP = CARB Ex. Order G-73, 40 CFR 52.220(c)(39)(ii)(B) - 11/09/78 43 FR 52237; Current Rule Version = 07/25/77]

**AS. PUMPING HOPPERS SYSTEM FOR RAYMOND MILL NUMBERS 1 AND 2, MDAQMD permit number B002308, consisting of:**

- BLR 02 Pumping Blowers for Raymond Mill 1 & 2, at 100 hp
- Rotary Discharge Valves, 2 each at 2 hp, ROT 21 and ROT 22.

**Conditions for unit with permit number: B002308.**

1. The owner/operator shall comply with all applicable Regulations and Rules of this District. Applicable rules include, but are not necessarily limited to those in Regulation IV.
- [Applies to all conditions above; Rule 204 - Permit Conditions; Version in SIP = CARB Ex. Order G-73, 40 CFR 52.220(c)(39)(ii)(B) - 11/09/78 43 FR 52237; Current Rule Version = 07/25/77]

**AT. TRANSFER SYSTEM (15/15) TO TURBO CLASSIFIER SYSTEM, MDAQMD permit number B002310, consisting of:**

- ELV 22 Bucket Elevator to Hi-Pflex Turbo Feed Bin
- CSC 44 Feed Screw Conveyor to Turbo Feed Bin
- TC 100 Turbo Feed Bin

**Conditions for unit with permit number: B002310.**

1. The owner/operator shall comply with all applicable Regulations and Rules of this District. Applicable rules include, but are not necessarily limited to those in Regulation IV.
  2. This unit shall operate concurrently with and vented to properly operating baghouse (DCL 45) under valid District permit C001890.
- [Applies to all conditions above; Rule 204 - Permit Conditions; Version in SIP = CARB

Ex. Order G-73, 40 CFR 52.220(c)(39)(ii)(B) - 11/09/78 43 FR 52237; Current Rule  
Version = 07/25/77]

**AU. TURBO SYSTEM No. 1, MDAQMD permit number B002311, consisting of:**

CSC 37 Feed Screw Conveyor  
RV 101 Rotary Valve Turbo #1 Discharge Coarse Product  
TC 101 Classifier Turbo #1  
TC 102 Fan  
TC 103 Dual Cyclone  
TC 104 Rotary Lock Turbo #1 Cyclone Product  
TC 105 Evacuating Butterfly Valve  
CSC 44 Turbo Feed Bin Screw Conveyor  
TC 100 Turbo Feed Bin

**Conditions for unit with permit number: B002311.**

1. The owner/operator shall comply with all applicable Regulations and Rules of this District. Applicable rules include, but are not necessarily limited to those in Regulation IV.
2. This unit shall operate concurrently with and vented to properly operating baghouses (DCL 52) under valid District permit C002346.

[Applies to all conditions above; Rule 204 - Permit Conditions; Version in SIP = CARB  
Ex. Order G-73, 40 CFR 52.220(c)(39)(ii)(B) - 11/09/78 43 FR 52237; Current Rule  
Version = 07/25/77]

**AV. TURBO PRODUCT HANDLING SYSTEM, MDAQMD permit number B002312, consisting of:**

008 HX 10/20 Blower  
CSC 47 Product Screw Conveyor  
CSC 48 Recycle Screw Conveyor  
DV 400 30 degree Diverter Gate  
RV 300 DCL 52 Dust Return Rotary Lock  
TC 301 Product Conveyor Rotary Lock

**Conditions for unit with permit number: B002312.**

1. The owner/operator shall comply with all applicable Regulations and Rules of this District. Applicable rules include, but are not necessarily limited to those in Regulation IV.
2. This unit shall operate concurrently with and vented to properly operating baghouse (DCL 52) under valid District permit C002346.

[Applies to all conditions above; Rule 204 - Permit Conditions; Version in SIP = CARB

Ex. Order G-73, 40 CFR 52.220(c)(39)(ii)(B) - 11/09/78 43 FR 52237; Current Rule  
Version = 07/25/77]

**AW. TURBO SYSTEM No. 2, MDAQMD permit number B002313, consisting of:**

CSC 45 Feed Screw Conveyor  
RV 201 Rotary Valve Turbo #2 Coarse Product  
TC 201 Classifier Turbo #2  
TC 202 Fan Turbo #2  
TC 203 Dual Cyclone  
TC 204 Rotary Lock Turbine #2 Cyclone Product  
TC 205 Evacuating Butterfly Valve

**Conditions for unit with permit number: B002313.**

1. The owner/operator shall comply with all applicable Regulations and Rules of this District. Applicable rules include, but are not necessarily limited to those in Regulation IV.
2. This unit shall operate concurrently with and vented to properly operating baghouse (DCL 52) under valid District permit C002346.

[Applies to all conditions above; Rule 204 - Permit Conditions; Version in SIP = CARB  
Ex. Order G-73, 40 CFR 52.220(c)(39)(ii)(B) - 11/09/78 43 FR 52237; Current Rule  
Version = 07/25/77]

**AX. TURBO PACKER SYSTEM, MDAQMD permit number B002314, consisting of:**

PKR 30 Turbo Packer 30, Vicron 15/15 and Vicron 25/11, at 5 hp  
TC 200 Coarse Product Bin (Volume is 275 cu ft or 2060 gallons)

**Conditions for unit with permit number: B002314.**

1. The owner/operator shall comply with all applicable Regulations and Rules of this District. Applicable rules include, but are not necessarily limited to those in Regulation IV.
2. This unit shall operate concurrently with and vented to properly operating baghouse (DCL 45) under valid District permit C001890.

[Applies to all conditions above; Rule 204 - Permit Conditions; Version in SIP = CARB  
Ex. Order G-73, 40 CFR 52.220(c)(39)(ii)(B) - 11/09/78 43 FR 52237; Current Rule  
Version = 07/25/77]

**AY. DRYER - OIL FIRED (DRIER SIZER SYSTEM), MDAQMD permit number B002366, consisting of:**

Maxon EB6 500 OVENPAK dual-fuel (propane and diesel fuel) burner, rated at 11.8  
MMBtu/h. For fee rating purposes horsepower have been converted to Btu ratings using

2550 Btu per horsepower.  
012 DS Cyclone, Dryer/Whizzer Dust Capture  
180 DS Dryer  
181 DS Dryer Bed Level Valve  
182 DS Dryer Fluidizing Fan  
183 DS Combustion Air Blower  
184 DS Dryer Burner, 11.8 MMBtu/h  
185 DS Dryer Whizzer  
801 DS Dryer Oil Feed System

**Conditions for unit with permit number: B002366.**

1. Operation of this equipment shall be conducted in accordance with all data and specifications submitted with the application under which this permit is issued unless otherwise noted below.
2. The owner/operator (o/o) shall maintain this equipment in strict accord with those recommendations of the manufacturer/supplier and/or sound engineering principles which produce the minimum emissions of air contaminants.
3. This equipment shall operate concurrently with and vent to the air pollution control equipment operating under District permit C000632 (DCL 03).
4. This equipment shall not consume more than 46,800 MMBtu of fuel during any calendar year (360,000 gallons of diesel if fired exclusively on liquid fuel).
5. This equipment shall be fired on liquid fuel whose sulfur concentration is less than or equal to 0.0015% on a weight per weight basis.
6. The o/o shall maintain a fuel log for this equipment which, at a minimum includes the information specified below. This log shall be maintained current and on-site for a minimum of five (5) years and shall be provided to District personnel upon request.
  - a. Fuel consumed during each calendar year, in gallons; and,
  - b. Fuel sulfur concentration (the o/o may use the supplier's certification of sulfur content if it is maintained as part of this log).

[Applies to all conditions above; Rule 204 - Permit Conditions; Version in SIP = CARB Ex. Order G-73, 40 CFR 52.220(c)(39)(ii)(B) - 11/09/78 43 FR 52237; Current Rule Version = 07/25/77]

**AZ. RAYMOND MILL No. 6 SYSTEM, MDAQMD permit number B003038, consisting of:**

006 RF Feed Bin, with its associated hammer gate, level indicator and electronics  
106 RF Raymond Mill No. 6 and Drive  
206 RF Raymond Mill No. 6 Feeder  
316 RF Raymond Mill No. 6 Classifier

406 RF Raymond Mill No. 6 Fan  
506 RF Raymond Mill No. 6 Cyclone  
516 RF Raymond Mill No. 6 Cyclone Rotary Valve  
726 RF Pumping Hopper  
BLR 01 Pneumatic Blower  
746 RF Pneumatic System Rotary Valve

**Conditions for unit with permit number: B003038.**

1. Operation of this equipment shall be conducted in accordance with all data and specifications submitted with the application under which this permit is issued unless otherwise noted below.
2. The owner/operator (o/o) shall maintain this equipment in strict accord with those recommendations of the manufacturer/supplier and/or sound engineering principles which produce the minimum emissions of air contaminants.
3. This equipment shall operate concurrently with and vent to properly operating baghouses (DCLs 73 and 74) under valid District permits C003039 and C003040.
4. The o/o shall process in this equipment no more than 233,200 tons per rolling twelve calendar months.
5. The o/o shall maintain a current operations log for this equipment, which shall be kept on-site for a minimum of five (5) years and be made available to District staff upon request. This log shall include the following information at a minimum:
  - a. Monthly throughput in tons;
  - b. Cumulative twelve month throughput in tons.

[Applies to all conditions above; Rule 204 - Permit Conditions; Version in SIP = CARB Ex. Order G-73, 40 CFR 52.220(c)(39)(ii)(B) - 11/09/78 43 FR 52237; Current Rule Version = 07/25/77]

**BB. VICRON 10-2 BULK LOADOUT, MDAQMD permit number B005018, consisting of:**

A 50 ton storage bin, which is vented to DCL 50, an airslide (AS07) conveys product to truck loading spout (TLS 2).

**Conditions for unit with permit number: B005018.**

1. The owner/operator shall comply with all applicable Regulations and Rules of this District. Applicable rules include, but are not necessarily limited to those in Regulation IV.
2. This unit shall operate concurrently with and vented to properly operating baghouse (DCL 50) under valid District permit C002349.

[Applies to all conditions above; Rule 204 - Permit Conditions; Version in SIP = CARB Ex. Order G-73, 40 CFR 52.220(c)(39)(ii)(B) - 11/09/78 43 FR 52237; Current Rule Version = 07/25/77]

**BC. AUTOMATED PACKAGING CENTER #2, MDAQMD permit number B005116,**

**consisting of:**

Automated Packaging Center #2 (Triple Spout)

**Conditions for unit with permit number: B005116.**

1. Operation of this equipment shall be conducted in accordance with all data and specifications submitted with the application under which this permit is issued unless otherwise noted below.
2. The owner/operator (o/o) shall maintain this equipment in strict accord with those recommendations of the manufacturer/supplier and/or sound engineering principles which produce the minimum emissions of air contaminants.
3. This unit is limited to processing 71,140 tons per rolling twelve month calendar period.
4. The o/o shall maintain a current operations log for this equipment, which shall be kept on-site for a minimum of five (5) years and be made available to District staff upon request. This log shall include the following information at a minimum:
  - a. Monthly throughput in tons;
  - b. Cumulative twelve month throughput in tons.
5. This unit shall not operate unless it is vented to Dust Collectors DCL 07 and DCL 05 which are functioning under valid District permits C000684 and C008375, respectively.

[Applies to all conditions above; Rule 204 - Permit Conditions; Version in SIP = CARB Ex. Order G-73, 40 CFR 52.220(c)(39)(ii)(B) - 11/09/78 43 FR 52237; Current Rule Version = 07/25/77]

**BD. RAYMOND MILL NO. 7 MILL AND HEATER SYSTEM, MDAQMD permit number B008971, consisting of:**

A milling system and associated propane-fired heating system as follows.

RMB 707 - Feed Bin

DSC 707 - Discharger, Feed Bin

RFD 707 - Feeder

RWD 707 - Whizzer

FB 707 - Heater (Fire Box), rated 7.1 MMBtu/hr

RMD 707 - Mill and Drive Motor

FAN 707 - Fan

OP 717 - Mill Bearing Oil Pump

FAN 727 - Water Cooling Fan

OP 727 - Water Cooling Circulation Pump

OP 737 - Oil Pump

BLR 737 - Combustion Air Blower  
RMC 707 - Cyclone  
ROT 707 - Cyclone Rotary Valve  
SCH 712 - Screen  
CSC 707 - Oversize Conveyor  
BIN 708 & 709 - Pumping Hoppers  
ROT 708 & 709 - Bin Rotary Valves  
BLR 707 - Pumping Blower for Pneumatic Conveyor  
ROT 710 & 711 - Pumping Hopper Rotary Valves  
BLR 708 - Product Transfer Blower for Pneumatic Conveyor

**Conditions for unit with permit number: B008971.**

1. Operation of this equipment shall be conducted in accordance with all data and specifications submitted with the application under which this permit is issued unless otherwise noted below.
2. This equipment shall operate concurrently with and vent to the air pollution control equipment DCL 740 (C008972) and DCL 941 (C008969) as applicable.
3. The owner/operator (o/o) shall maintain this equipment in strict accord with those recommendations of the manufacturer/supplier and or sound engineering principles which produce the minimum emissions of air contaminants.
4. Owner/operator shall conduct stack and transfer fugitive emission point observations (using USEPA Method 22, and USEPA Method 9 if necessary) on a quarterly basis. The frequency of observations of emission points may be reduced to annual for those emission points contained within a building and will be observed at all exits or openings of the building.
5. The o/o shall conduct a minimum program of inspection and maintenance on this equipment. The o/o shall maintain current and on-site for five (5) years a log of the following information, which shall be provided to District, State and/or Federal personnel upon request:
  - a. Quarterly and annual stack and transfer fugitive emission point observation date and result (using USEPA Method 22, and USEPA Method 9 if necessary);
  - b. Date and nature of any system repairs;
  - c. Monthly and rolling twelve-month cumulative fuel input to the heater (in Btus); and,
  - d. Monthly and rolling twelve-month cumulative throughput in tons.
6. This equipment shall be operated in compliance with all applicable requirements of 40 CFR 60 Subpart OOO - Standards of Performance for Nonmetallic Mineral Processing Plants.
7. This equipment shall not discharge into the atmosphere an exhaust stream that

exhibits greater than the following opacity:

- a. Stack emissions - seven percent (40 CFR 60.672(a))
  - b. All transfer points and fugitive emission points - ten percent (40 CFR 60.672(b))
8. The heater shall only be fired on propane, with low sulfur (15 ppm) diesel as an emergency backup fuel. This heater shall only be fired on diesel under propane supply curtailment conditions (cost cannot be used to demonstrate curtailment).
  9. The heater shall not emit to the atmosphere in excess of the following limits (for propane/diesel; units are pounds per million Btu of fuel input):
    - a. NO<sub>x</sub> - 0.14 on propane (0.16 on diesel)
    - b. VOC - 0.011 (0.011)
    - c. CO - 0.37 (0.39)
    - d. SO<sub>x</sub> - 0.0012 (0.0017)
    - e. PM<sub>10</sub> - 0.066 (0.0080)
  10. The heater shall not be fired with more than 56,800 million Btus per year of fuel, calculated on a rolling twelve-month basis.
  11. This equipment shall not process more than 440,000 tons per year, calculated on a rolling twelve-month basis.
  12. Within thirty (30) days of achieving maximum fuel/feed firing rate, but not later than 180 days after first firing of fuel in the heater, the o/o shall perform an initial compliance test on the stack of baghouse DCL 740 (C008972). This test shall demonstrate that this equipment is capable of operation in compliance with certain emission limits specified above (with propane and under the maximum achievable feed firing rate) and with applicable NSPS requirements. This initial test shall include tests for the following:
    - a. NO<sub>x</sub> in pounds per million Btu
    - b. PM<sub>10</sub> in pounds per million Btu (filterable and condensable)
    - c. Opacity from all applicable emission points (USEPA Method 9)

[Applies to all conditions above; Rule 204 - Permit Conditions; Version in SIP = CARB Ex. Order G-73, 40 CFR 52.220(c)(39)(ii)(B) - 11/09/78 43 FR 52237; Current Rule Version = 07/25/77]

[40 CFR 70.6(a)(3)(ii)(B); Rule 1203(D)(1)(d)(ii)]

[40 CFR 70.6 (a)(3)(i)(B) - Periodic Monitoring Requirements]

[40 CFR 60.670 et seq - NSPS Subpart OOO]

[Rule 1303 - *Requirements*; Version in SIP = as amended 3/25/96, 40 CFR

52.220(c)(239)(:)(A)(1) - 11/13/96 61 FR 58133; current rule version = 9/24/01]

### ***Air Pollution Control Device***

***BE. BAGHOUSE - DCL 01, MDAQMD permit number C000627, consisting of:***

A pulse-air cleaned baghouse with 180 polyester bags (16 ounce/sq yard) totaling 4122 square feet of filter area and equipped with a fan generating 12,000 cfm of flow (for an air to cloth ratio of 2.9:1). This unit serves to collect particulate emissions from Primary Crusher System conveyors/screens, CBE 01 and CBE 04 under District permit B000611.

**Conditions for unit with permit number: C000627.**

1. The owner/operator (o/o) shall maintain this baghouse in strict accord with those recommendations of the manufacturer/supplier and/or sound engineering principles which produce the minimum emissions of air contaminants.
2. This baghouse shall operate concurrently with the conveyors/screens of the primary crusher system under District Permit B000611.
3. The o/o shall conduct a minimum program of inspection and maintenance on this equipment. The o/o shall maintain current and on-site for five (5) years a log of the following information, which shall be provided to District personnel upon request:
  - a. Weekly baghouse stack observation date and result (using USEPA Method 22, and USEPA Method 9 if necessary);
  - b. Quarterly bag and bag suspension system inspection date and results;
  - c. Daily reading of baghouse pressure drop, date and value (if a manometer is present);
  - d. Date of bag replacements; and,
  - e. Date and nature of any system repairs.
4. This baghouse shall be operated in compliance with 40 CFR 60 Subpart OOO - Standards of Performance for Nonmetallic Mineral Processing Plants.
5. This baghouse shall not discharge into the atmosphere an exhaust stream that exhibits greater than seven percent opacity (40 CFR 60.672(a)).
6. This baghouse shall discharge no more than 2.26 pounds per hour of PM<sub>10</sub> at a maximum concentration of 0.022 grains/dscf at the operating conditions given in the above description (40 CFR 60.672(a)). This equipment does not require a regularly scheduled emission compliance test. However, emission compliance testing may be required at the discretion of the District.
7. The o/o shall maintain on-site a minimum inventory of replacement bags that assures compliance with these conditions.
8. This unit shall be equipped with a device to measure the pressure differential across the bags (manometer). In operation, the pressure differential shall be maintained within 0.5 and 4.5 inches water column

[Applies to all conditions above; Rule 204 - Permit Conditions; Version in SIP = CARB Ex. Order G-73, 40 CFR 52.220(c)(39)(ii)(B) - 11/09/78 43 FR 52237; Current Rule Version = 07/25/77]

[40 CFR 70.6(a)(3)(ii)(B); Rule 1203(D)(1)(d)(ii)]

[40 CFR 70.6 (a)(3)(i)(B) - Periodic Monitoring Requirements]  
[40 CFR 60.670 et seq - NSPS Subpart OOO]  
[40 CFR Part 64 – Compliance Assurance Monitoring]

**BF. BAGHOUSE - DCL 02, MDAQMD permit number C000628 (Cancelled).**

**BG. BAGHOUSE - DCL 17, MDAQMD permit number C000629, consisting of:**

a Mikropul Pulse Jet, Model 80S8 baghouse with 100 polyester bags totaling 754 sq ft of filter area, equipped with a 15 hp fan generating 3700 cfm of flow (for an air to cloth ratio of 4.9:1). The pick up point is the top of the No. 1 Pebble Mill Cyclone (081 VA).

**Conditions for unit with permit number: C000629.**

1. The owner/operator (o/o) shall maintain this baghouse in strict accord with those recommendations of the manufacturer/supplier and/or sound engineering principles which produce the minimum emissions of air contaminants.
2. This baghouse shall operate concurrently with the pebble mill No. 1 system under District Permit B000669.
3. The o/o shall conduct a minimum program of inspection and maintenance on this equipment. The o/o shall maintain current and on-site for five (5) years a log of the following information, which shall be provided to District personnel upon request:
  - a. Weekly baghouse stack observation date and result (using USEPA Method 22, and USEPA Method 9 if necessary);
  - b. Quarterly bag and bag suspension system inspection date and results;
  - c. Quarterly reading of baghouse pressure drop, date and value (if a manometer is present);
  - d. Date of bag replacements; and,
  - e. Date and nature of any system repairs.
4. This baghouse shall not discharge into the atmosphere an exhaust stream that exhibits greater than twenty percent opacity.
5. This baghouse shall discharge no more than 0.3 pounds per hour of PM<sub>10</sub> at a maximum concentration of 0.01 grains/dscf at the operating conditions given in the above description (Rule 404). This equipment does not require a regularly scheduled emission compliance test. However, emission compliance testing may be required at the discretion of the District.
6. The o/o shall maintain on-site a minimum inventory of replacement bags that assures compliance with these conditions.

[Applies to all conditions above; Rule 204 - Permit Conditions; Version in SIP = CARB Ex. Order G-73, 40 CFR 52.220(c)(39)(ii)(B) - 11/09/78 43 FR 52237; Current Rule

Version = 07/25/77]

[40 CFR 70.6(a)(3)(ii)(B); Rule 1203(D)(1)(d)(ii)]

[40 CFR 70.6 (a)(3)(i)(B) - Periodic Monitoring Requirements]

[Rule 404 - *Particulate Matter Concentration*; Version in SIP = Current, 40 CFR 52.220(c)(42)(xiii)(A) - 12/21/78 43 FR 52489]

**BH. BAGHOUSE - DCL 19, MDAQMD permit number C000630, consisting of:**

A Mikropul, Pulse Jet model 48F8 baghouse, with polyester bags totaling 1357 sq ft of filter area, and a 25 hp fan producing 4000 cfm of flow (for an air to cloth ratio of 2.9:1).

This unit has pickup points at #1, 2, 3, & 4 microsizers, #1 & #2 spillbox and MS 4 surge hopper.

**Conditions for unit with permit number: C000630.**

1. The owner/operator (o/o) shall maintain this baghouse in strict accord with those recommendations of the manufacturer/supplier and/or sound engineering principles which produce the minimum emissions of air contaminants.
2. This baghouse shall operate concurrently with the pebble mill No. 2 system under District Permit B000670.
3. The o/o shall conduct a minimum program of inspection and maintenance on this equipment. The o/o shall maintain current and on-site for five (5) years a log of the following information, which shall be provided to District personnel upon request:
  - a. Weekly baghouse stack observation date and result (using USEPA Method 22, and USEPA Method 9 if necessary);
  - b. Quarterly bag and bag suspension system inspection date and results;
  - c. Quarterly reading of baghouse pressure drop, date and value (if a manometer is present);
  - d. Date of bag replacements; and,
  - e. Date and nature of any system repairs.
4. This baghouse shall not discharge into the atmosphere an exhaust stream that exhibits greater than twenty percent opacity.
5. This baghouse shall discharge no more than 0.3 pounds per hour of PM<sub>10</sub> at a maximum concentration of 0.01 grains/dscf at the operating conditions given in the above description (Rule 404). This equipment does not require a regularly scheduled emission compliance test. However, emission compliance testing may be required at the discretion of the District.
6. The o/o shall maintain on-site a minimum inventory of replacement bags that assures compliance with these conditions.

[Applies to all conditions above; Rule 204 - Permit Conditions; Version in SIP = CARB Ex. Order G-73, 40 CFR 52.220(c)(39)(ii)(B) - 11/09/78 43 FR 52237; Current Rule

Version = 07/25/77]

[40 CFR 70.6(a)(3)(ii)(B); Rule 1203(D)(1)(d)(ii)]

[40 CFR 70.6 (a)(3)(i)(B) - Periodic Monitoring Requirements]

[Rule 404 - *Particulate Matter Concentration*; Version in SIP = Current, 40 CFR 52.220(c)(42)(xiii)(A) - 12/21/78 43 FR 52489]

**BI. BAGHOUSE - DCL 03, MDAQMD permit number C000632, consisting of:**

An American Air Filter (AAF) Pulse Jet, Model B-4 hot dust baghouse, with polyester bags totaling 6400 sq ft of filter area, equipped with a fan producing 9800 cfm (for an air to cloth ratio of 1.5:1). This unit picks up from the Dryer 180DS via the Cyclone 012DS.

**Conditions for unit with permit number: C000632.**

1. The owner/operator (o/o) shall maintain this baghouse in strict accord with those recommendations of the manufacturer/supplier and/or sound engineering principles which produce the minimum emissions of air contaminants.
2. This baghouse shall operate concurrently with the oil fired dryer for sizer system under District Permit B002366 and the Drier Sizer System (B000663).
3. The o/o shall conduct a minimum program of inspection and maintenance on this equipment. The o/o shall maintain current and on-site for five (5) years a log of the following information, which shall be provided to District personnel upon request:
  - a. Weekly baghouse stack observation date and result (using USEPA Method 22, and USEPA Method 9 if necessary);
  - b. Quarterly bag and bag suspension system inspection date and results;
  - c. Daily reading of baghouse pressure drop, date and value (if a manometer is present);
  - d. Date of bag replacements; and,
  - e. Date and nature of any system repairs.
4. This baghouse shall be operated in compliance with 40 CFR 60 Subpart OOO - Standards of Performance for Nonmetallic Mineral Processing Plants.
5. This baghouse shall not discharge into the atmosphere an exhaust stream that exhibits greater than seven percent opacity (40 CFR 60.672(a)).
6. This baghouse shall discharge no more than 1.85 pounds per hour of PM<sub>10</sub> at a maximum concentration of 0.022 grains/dscf at the operating conditions given in the above description (40 CFR 60.672(a)). This equipment does not require a regularly scheduled emission compliance test. However, emission compliance testing may be required at the discretion of the District.
7. The o/o shall maintain on-site a minimum inventory of replacement bags that assures compliance with these conditions.
8. This unit shall be equipped with a device to measure the pressure differential

across the bags (manometer). In operation, the pressure differential shall be maintained within 1.5 and 10.5 inches water column

[Applies to all conditions above; Rule 204 - Permit Conditions; Version in SIP = CARB Ex. Order G-73, 40 CFR 52.220(c)(39)(ii)(B) - 11/09/78 43 FR 52237; Current Rule Version = 07/25/77]

[40 CFR 70.6(a)(3)(ii)(B); Rule 1203(D)(1)(d)(ii)]

[40 CFR 70.6 (a)(3)(i)(B) - Periodic Monitoring Requirements]

[40 CFR 60.670 et seq - NSPS Subpart OOO]

[40 CFR Part 64 – Compliance Assurance Monitoring]

**BJ. BAGHOUSE - DCL 14 (RAYMOND MILL No. 4), MDAQMD permit number**

**C000634, consisting of:**

A Mikropul Pulse Jet, Model 360S-8-30 baghouse, with polyester bags totaling 339 sq ft of filter area, equipped with a fan producing 1500 cfm of flow (for an air to cloth ratio of 4.4:1). This unit picks up at the Raymond Mill No. 4 Cyclone 504 RD discharge line to fan 404 RD.

**Conditions for unit with permit number: C000634.**

1. The owner/operator (o/o) shall maintain this baghouse in strict accord with those recommendations of the manufacturer/supplier and/or sound engineering principles which produce the minimum emissions of air contaminants.
2. This baghouse shall operate concurrently with the raymond mill No.4 system under District Permit B000672 and Raymond Mill Bulk Bin (SMI ID 704RD) under District Permit T002325.3. The o/o shall conduct a minimum program of inspection and maintenance on this equipment. The o/o shall maintain current and on-site for five (5) years a log of the following information, which shall be provided to District personnel upon request:
  - a. Weekly baghouse stack observation date and result (using USEPA Method 22, and USEPA Method 9 if necessary);
  - b. Quarterly bag and bag suspension system inspection date and results;
  - c. Quarterly reading of baghouse pressure drop, date and value (if a manometer is present);
  - d. Date of bag replacements; and,
  - e. Date and nature of any system repairs.
4. This baghouse shall not discharge into the atmosphere an exhaust stream that exhibits greater than twenty percent opacity.
5. This baghouse shall discharge no more than 0.1 pounds per hour of PM<sub>10</sub> at a maximum concentration of 0.01 grains/dscf at the operating conditions given in the above description (Rule 404). This equipment does not require a regularly scheduled emission compliance test. However, emission compliance testing may

be required at the discretion of the District.

6. The o/o shall maintain on-site a minimum inventory of replacement bags that assures compliance with these conditions.

[Applies to all conditions above; Rule 204 - Permit Conditions; Version in SIP = CARB Ex. Order G-73, 40 CFR 52.220(c)(39)(ii)(B) - 11/09/78 43 FR 52237; Current Rule Version = 07/25/77]

[40 CFR 70.6(a)(3)(ii)(B); Rule 1203(D)(1)(d)(ii)]

[40 CFR 70.6 (a)(3)(i)(B) - Periodic Monitoring Requirements]

[Rule 404 - *Particulate Matter Concentration*; Version in SIP = Current, 40 CFR 52.220(c)(42)(xiii)(A) - 12/21/78 43 FR 52489]

**BK. BAGHOUSE - DCL 15 (CBE40 DROP POINT TO CBE41), MDAQMD permit number C000635, consisting of:**

A Mikropul Pulse Jet Model 48-S-8-20 baghouse with polyester bags totaling 462 square feet of filter area, equipped with a fan producing 4000 cfm of flow (for an air to cloth ratio of 8.8:1). This unit has its pickup point at the head end of CBE40 and granules plant roof rock (CBE33) truck loadout..

**Conditions for unit with permit number: C000635.**

1. The owner/operator (o/o) shall maintain this baghouse in strict accord with those recommendations of the manufacturer/supplier and/or sound engineering principles which produce the minimum emissions of air contaminants.
2. This baghouse shall operate concurrently with the truck loadout for granules plant roof rock and CBE40 under District Permit B000617 and B000645.
3. The o/o shall conduct a minimum program of inspection and maintenance on this equipment. The o/o shall maintain current and on-site for five (5) years a log of the following information, which shall be provided to District personnel upon request:
  - a. Weekly baghouse stack observation date and result (using USEPA Method 22, and USEPA Method 9 if necessary);
  - b. Quarterly bag and bag suspension system inspection date and results;
  - c. Quarterly reading of baghouse pressure drop, date and value (if a manometer is present);
  - d. Date of bag replacements; and,
  - e. Date and nature of any system repairs.
4. This baghouse shall not discharge into the atmosphere an exhaust stream that exhibits greater than twenty percent opacity.
5. This baghouse shall discharge no more than 0.3 pounds per hour of PM<sub>10</sub> at a maximum concentration of 0.01 grains/dscf at the operating conditions given in the above description (Rule 404). This equipment does not require a regularly

scheduled emission compliance test. However, emission compliance testing may be required at the discretion of the District.

6. The o/o shall maintain on-site a minimum inventory of replacement bags that assures compliance with these conditions.

[Applies to all conditions above; Rule 204 - Permit Conditions; Version in SIP = CARB Ex. Order G-73, 40 CFR 52.220(c)(39)(ii)(B) - 11/09/78 43 FR 52237; Current Rule Version = 07/25/77]

[40 CFR 70.6(a)(3)(ii)(B); Rule 1203(D)(1)(d)(ii)]

[40 CFR 70.6 (a)(3)(i)(B) - Periodic Monitoring Requirements]

[Rule 404 - *Particulate Matter Concentration*; Version in SIP = Current, 40 CFR 52.220(c)(42)(xiii)(A) - 12/21/78 43 FR 52489]

**BL. BAGHOUSE - DCL 21, MDAQMD permit number C000636, consisting of:**

An American Air Filter Pulse Jet Model 29-11296600 baghouse, with 112 19' L by 17" D polyester bags totaling 9660 square feet of filter area, equipped with a fan producing 3800 cfm of flow (for an air to cloth ratio of 0.4:1). This unit has pickup points at the discharge screw conveyor CSC 19, boot elevators 56 & 57 (B000637); and Packers 20 & 25 (B000610).

**Conditions for unit with permit number: C000636.**

1. The owner/operator (o/o) shall maintain this baghouse in strict accord with those recommendations of the manufacturer/supplier and/or sound engineering principles which produce the minimum emissions of air contaminants.
2. This baghouse shall operate concurrently with the Hi-Pflex system under District Permit B000637.
3. The o/o shall conduct a minimum program of inspection and maintenance on this equipment. The o/o shall maintain current and on-site for five (5) years a log of the following information, which shall be provided to District personnel upon request:
  - a. Weekly baghouse stack observation date and result (using USEPA Method 22, and USEPA Method 9 if necessary);
  - b. Quarterly bag and bag suspension system inspection date and results;
  - c. Quarterly reading of baghouse pressure drop, date and value (if a manometer is present);
  - d. Date of bag replacements; and,
  - e. Date and nature of any system repairs.
4. This baghouse shall not discharge into the atmosphere an exhaust stream that exhibits greater than twenty percent opacity.
5. This baghouse shall discharge no more than 0.3 pounds per hour of PM<sub>10</sub> at a maximum concentration of 0.01 grains/dscf at the operating conditions given in

the above description (Rule 404). This equipment does not require a regularly scheduled emission compliance test. However, emission compliance testing may be required at the discretion of the District.

6. The o/o shall maintain on-site a minimum inventory of replacement bags that assures compliance with these conditions.

[Applies to all conditions above; Rule 204 - Permit Conditions; Version in SIP = CARB Ex. Order G-73, 40 CFR 52.220(c)(39)(ii)(B) - 11/09/78 43 FR 52237; Current Rule Version = 07/25/77]

[40 CFR 70.6(a)(3)(ii)(B); Rule 1203(D)(1)(d)(ii)]

[40 CFR 70.6 (a)(3)(i)(B) - Periodic Monitoring Requirements]

[Rule 404 - *Particulate Matter Concentration*; Version in SIP = Current, 40 CFR 52.220(c)(42)(xiii)(A) - 12/21/78 43 FR 52489]

**BM. BAGHOUSE - DCL 25 (No. 1 RAYMOND MILL SYSTEM), MDAQMD permit number C000638, consisting of:**

A Mikropul Pulse Jet Model 72-SP-8-20 baghouse, with polyester bags totaling the 339 square feet of filter area, equipped with a fan producing 2000 cfm of flow (for an air to cloth ratio of 5.9:1).

**Conditions for unit with permit number: C000638.**

1. The owner/operator (o/o) shall maintain this baghouse in strict accord with those recommendations of the manufacturer/supplier and/or sound engineering principles which produce the minimum emissions of air contaminants.
2. This baghouse shall operate concurrently with the raymond mill No. 1 system under District Permit B000675.
3. The o/o shall conduct a minimum program of inspection and maintenance on this equipment. The o/o shall maintain current and on-site for five (5) years a log of the following information, which shall be provided to District personnel upon request:
  - a. Weekly baghouse stack observation date and result (using USEPA Method 22, and USEPA Method 9 if necessary);
  - b. Quarterly bag and bag suspension system inspection date and results;
  - c. Quarterly reading of baghouse pressure drop, date and value (if a manometer is present);
  - d. Date of bag replacements; and,
  - e. Date and nature of any system repairs.
4. This baghouse shall not discharge into the atmosphere an exhaust stream that exhibits greater than twenty percent opacity.
5. This baghouse shall discharge no more than 0.2 pounds per hour of PM<sub>10</sub> at a maximum concentration of 0.01 grains/dscf at the operating conditions given in

the above description (Rule 404). This equipment does not require a regularly scheduled emission compliance test. However, emission compliance testing may be required at the discretion of the District.

6. The o/o shall maintain on-site a minimum inventory of replacement bags that assures compliance with these conditions.

[Applies to all conditions above; Rule 204 - Permit Conditions; Version in SIP = CARB Ex. Order G-73, 40 CFR 52.220(c)(39)(ii)(B) - 11/09/78 43 FR 52237; Current Rule Version = 07/25/77]

[40 CFR 70.6(a)(3)(ii)(B); Rule 1203(D)(1)(d)(ii)]

[40 CFR 70.6 (a)(3)(i)(B) - Periodic Monitoring Requirements]

[Rule 404 - *Particulate Matter Concentration*; Version in SIP = Current, 40 CFR 52.220(c)(42)(xiii)(A) - 12/21/78 43 FR 52489]

**BN. BAGHOUSE - DCL 23, MDAQMD permit number C000641, consisting of:**

A Mikropul Pulse Jet Model 25S-8 baghouse, with polyester bags totaling 236 square feet of filter area, equipped with a fan generating 1500 cfm of flow (for an air to cloth ratio of 6.3:1). This unit serves to collect particulate emissions from the Storage Feed Silo (Hi-Pflex Quad Bin) at the top of Silo 15/15 of the twin bin.

**Conditions for unit with permit number: C000641.**

1. The owner/operator (o/o) shall maintain this baghouse in strict accord with those recommendations of the manufacturer/supplier and/or sound engineering principles which produce the minimum emissions of air contaminants.
2. This baghouse shall operate concurrently with the Storage Feed Silo (Hi-Pflex Quad Bin) at the top of Silo 15/15 of the twin bin under District Permit T000640.
3. The o/o shall conduct a minimum program of inspection and maintenance on this equipment. The o/o shall maintain current and on-site for five (5) years a log of the following information, which shall be provided to District personnel upon request:
  - a. Weekly baghouse stack observation date and result (using USEPA Method 22, and USEPA Method 9 if necessary);
  - b. Quarterly bag and bag suspension system inspection date and results;
  - c. Quarterly reading of baghouse pressure drop, date and value (if a manometer is present);
  - d. Date of bag replacements; and,
  - e. Date and nature of any system repairs.
4. This baghouse shall be operated in compliance with 40 CFR 60 Subpart OOO - Standards of Performance for Nonmetallic Mineral Processing Plants.
5. This baghouse shall not discharge into the atmosphere an exhaust stream that exhibits greater than seven percent opacity (40 CFR 60.672(a)).

6. This baghouse shall discharge no more than 0.28 pounds per hour of PM<sub>10</sub> at a maximum concentration of 0.022 grains/dscf at the operating conditions given in the above description (40 CFR 60.672(a)). This equipment does not require a regularly scheduled emission compliance test. However, emission compliance testing may be required at the discretion of the District.
7. The o/o shall maintain on-site a minimum inventory of replacement bags that assures compliance with these conditions.

[Applies to all conditions above; Rule 204 - Permit Conditions; Version in SIP = CARB Ex. Order G-73, 40 CFR 52.220(c)(39)(ii)(B) - 11/09/78 43 FR 52237; Current Rule Version = 07/25/77]

[40 CFR 70.6(a)(3)(ii)(B); Rule 1203(D)(1)(d)(ii)]

[40 CFR 70.6 (a)(3)(i)(B) - Periodic Monitoring Requirements]

[40 CFR 60.670 et seq - NSPS Subpart OOO]

**BO. BAGHOUSE - DCL 31 (RAYMOND MILL No. 3), MDAQMD permit number C000643, consisting of:**

a Mikropul Pulse Jet Model SQ81-8 baghouse, with polyester bags totaling 763 square feet of filter area, equipped with a fan producing 5000 cfm of flow (for an air to cloth ratio of 6.6:1). This baghouse serves Raymond Mill No. 3 with pickup points at the Twin Pumping Hoppers 723 R.

**Conditions for unit with permit number: C000643.**

1. The owner/operator (o/o) shall maintain this baghouse in strict accord with those recommendations of the manufacturer/supplier and/or sound engineering principles which produce the minimum emissions of air contaminants.
2. This baghouse shall operate concurrently with the equipment under District Permit B000645.
3. The o/o shall conduct a minimum program of inspection and maintenance on this equipment. The o/o shall maintain current and on-site for five (5) years a log of the following information, which shall be provided to District personnel upon request:
  - a. Weekly baghouse stack observation date and result (using USEPA Method 22, and USEPA Method 9 if necessary);
  - b. Quarterly bag and bag suspension system inspection date and results;
  - c. Quarterly reading of baghouse pressure drop, date and value (if a manometer is present);
  - d. Date of bag replacements; and,
  - e. Date and nature of any system repairs.
4. This baghouse shall not discharge into the atmosphere an exhaust stream that exhibits greater than twenty percent opacity.

5. This baghouse shall discharge no more than 0.4 pounds per hour of PM<sub>10</sub> at a maximum concentration of 0.01 grains/dscf at the operating conditions given in the above description (Rule 404). This equipment does not require a regularly scheduled emission compliance test. However, emission compliance testing may be required at the discretion of the District.
6. The o/o shall maintain on-site a minimum inventory of replacement bags that assures compliance with these conditions.

[Applies to all conditions above; Rule 204 - Permit Conditions; Version in SIP = CARB Ex. Order G-73, 40 CFR 52.220(c)(39)(ii)(B) - 11/09/78 43 FR 52237; Current Rule Version = 07/25/77]

[40 CFR 70.6(a)(3)(ii)(B); Rule 1203(D)(1)(d)(ii)]

[40 CFR 70.6 (a)(3)(i)(B) - Periodic Monitoring Requirements]

[Rule 404 - *Particulate Matter Concentration*; Version in SIP = Current, 40 CFR 52.220(c)(42)(xiii)(A) - 12/21/78 43 FR 52489]

**BP. BAGHOUSE - DCL 33 (NORTH DOCK PRODUCT LOADOUT/PACKAGING AREA), MDAQMD permit number C000644, consisting of:**

A Mikropul Pulse Jet Model 144-10 baghouse with 144 polyester bags totaling 1356 square feet of filter area, equipped with a fan producing 14,200 cfm of flow (for an air to cloth ratio of 10.5:1). This unit serves the North Dock Loadout Bulk Storage Trailer, Raymond Mill No. 5 and No. 6 Loadout Bin Spouts, PKR 19 and other future packaging equipment.

**Conditions for unit with permit number: C000644.**

1. The owner/operator (o/o) shall maintain this baghouse in strict accord with those recommendations of the manufacturer/supplier and/or sound engineering principles which produce the minimum emissions of air contaminants.
2. This baghouse shall operate concurrently with the North Dock Loadout and Reclaim System under valid District Permit B000658.
3. The o/o shall conduct a minimum program of inspection and maintenance on this equipment. The o/o shall maintain current and on-site for five (5) years a log of the following information, which shall be provided to District personnel upon request:
  - a. Monthly baghouse stack observation date and result (using USEPA Method 22, and USEPA Method 9 if necessary);
  - b. Quarterly bag and bag suspension system inspection date and results;
  - c. Quarterly reading of baghouse pressure drop, date and value (if a manometer is present);
  - d. Date of bag replacements; and,
  - e. Date and nature of any system repairs.

4. This baghouse shall be operated in compliance with 40 CFR 60 Subpart OOO - Standards of Performance for Nonmetallic Mineral Processing Plants.
5. This baghouse shall not discharge into the atmosphere an exhaust stream that exhibits greater than seven percent opacity (40 CFR 60.672(a)(2)).
6. This baghouse shall discharge no more than 1.22 pounds per hour of PM<sub>10</sub> at a maximum concentration of 0.01 grains/dscf at the operating conditions given in the above description (BACT). This equipment does not require a regularly scheduled emission compliance test. However, emission compliance testing may be required at the discretion of the District.
7. The o/o shall maintain on-site a minimum inventory of replacement bags that assures compliance with these conditions.
8. This unit shall be equipped with a device to measure the pressure differential across the bags (manometer), and the unit shall be operated at a minimum of one quarter (0.25) and a maximum of nine (9) inches of water column as determined by the pressure differential reading (manometer).

[Applies to all conditions above; Rule 204 - Permit Conditions; Version in SIP = CARB Ex. Order G-73, 40 CFR 52.220(c)(39)(ii)(B) - 11/09/78 43 FR 52237; Current Rule Version = 07/25/77]

[40 CFR 70.6(a)(3)(ii)(B); Rule 1203(D)(1)(d)(ii)]

[40 CFR 70.6 (a)(3)(i)(B) - Periodic Monitoring Requirements]

[40 CFR 60.670 et seq - NSPS Subpart OOO]

[Rule 1303(A)- BACT]

**BO. BAGHOUSE - DCL 36, MDAQMD permit number C000649, consisting of:**

A Fabric Filters Model SQ36-8 baghouse, with polyester bags totaling 339 square feet of filter area, equipped with a fan producing 4700 cfm of flow (for an air to cloth ratio of 13.9:1). This unit serves the Raymond Mill System with a pickup at the top of the number three 100 ton bin.

**Conditions for unit with permit number: C000649.**

1. The owner/operator (o/o) shall maintain this baghouse in strict accord with those recommendations of the manufacturer/supplier and/or sound engineering principles which produce the minimum emissions of air contaminants.
2. This baghouse shall operate concurrently with the 100 ton silos serving the Raymond Mill System under District Permit T000642.
3. The o/o shall conduct a minimum program of inspection and maintenance on this equipment. The o/o shall maintain current and on-site for five (5) years a log of the following information, which shall be provided to District personnel upon request:
  - a. Weekly baghouse stack observation date and result (using USEPA Method 22,

- and USEPA Method 9 if necessary);
- b. Quarterly bag and bag suspension system inspection date and results;
  - c. Quarterly reading of baghouse pressure drop, date and value (if a manometer is present);
  - d. Date of bag replacements; and,
  - e. Date and nature of any system repairs.
4. This baghouse shall not discharge into the atmosphere an exhaust stream that exhibits greater than twenty percent opacity.
  5. This baghouse shall discharge no more than 0.4 pounds per hour of PM<sub>10</sub> at a maximum concentration of 0.01 grains/dscf at the operating conditions given in the above description (Rule 404). This equipment does not require a regularly scheduled emission compliance test. However, emission compliance testing may be required at the discretion of the District.
  6. The o/o shall maintain on-site a minimum inventory of replacement bags that assures compliance with these conditions.

[Applies to all conditions above; Rule 204 - Permit Conditions; Version in SIP = CARB Ex. Order G-73, 40 CFR 52.220(c)(39)(ii)(B) - 11/09/78 43 FR 52237; Current Rule Version = 07/25/77]

[40 CFR 70.6(a)(3)(ii)(B); Rule 1203(D)(1)(d)(ii)]

[40 CFR 70.6 (a)(3)(i)(B) - Periodic Monitoring Requirements]

[Rule 404 - *Particulate Matter Concentration*; Version in SIP = Current, 40 CFR 52.220(c)(42)(xiii)(A) - 12/21/78 43 FR 52489]

**BR. BAGHOUSE - DCL 35, MDAQMD permit number C000651, consisting of:**

A Fabric Filters Model SQ36-8 baghouse, with polyester bags totaling 339 square feet of filter area, equipped with a fan producing 4700 cfm of flow (for an air to cloth ratio of 13.9:1). This unit serves the Raymond Mill System with a pickup point on top of the number two 100 ton bin.

**Conditions for unit with permit number: C000651.**

1. The owner/operator (o/o) shall maintain this baghouse in strict accord with those recommendations of the manufacturer/supplier and/or sound engineering principles which produce the minimum emissions of air contaminants.
2. This baghouse shall operate concurrently with the 100 ton silos serving the Raymond Mill System under District Permit T000642.
3. The o/o shall conduct a minimum program of inspection and maintenance on this equipment. The o/o shall maintain current and on-site for five (5) years a log of the following information, which shall be provided to District personnel upon request:
  - a. Weekly baghouse stack observation date and result (using USEPA Method 22,

- and USEPA Method 9 if necessary);
- b. Quarterly bag and bag suspension system inspection date and results;
  - c. Quarterly reading of baghouse pressure drop, date and value (if a manometer is present);
  - d. Date of bag replacements; and,
  - e. Date and nature of any system repairs.
4. This baghouse shall not discharge into the atmosphere an exhaust stream that exhibits greater than twenty percent opacity.
  5. This baghouse shall discharge no more than 0.4 pounds per hour of PM<sub>10</sub> at a maximum concentration of 0.01 grains/dscf at the operating conditions given in the above description (Rule 404). This equipment does not require a regularly scheduled emission compliance test. However, emission compliance testing may be required at the discretion of the District.
  6. The o/o shall maintain on-site a minimum inventory of replacement bags that assures compliance with these conditions.

[Applies to all conditions above; Rule 204 - Permit Conditions; Version in SIP = CARB Ex. Order G-73, 40 CFR 52.220(c)(39)(ii)(B) - 11/09/78 43 FR 52237; Current Rule Version = 07/25/77]

[40 CFR 70.6(a)(3)(ii)(B); Rule 1203(D)(1)(d)(ii)]

[40 CFR 70.6 (a)(3)(i)(B) - Periodic Monitoring Requirements]

[Rule 404 - *Particulate Matter Concentration*; Version in SIP = Current, 40 CFR 52.220(c)(42)(xiii)(A) - 12/21/78 43 FR 52489]

**BS. BAGHOUSE - DCL 37, MDAQMD permit number C000652, consisting of:**

A Fabric Filters Model SQ36-8 baghouse, with polyester bags totaling 339 square feet of filter area, equipped with a fan producing 4700 cfm of flow (for an air to cloth ratio of 13.9:1). This unit serves the top of the four 100 ton Bins of the Raymond Mill System (T000642).

**Conditions for unit with permit number: C000652.**

1. The owner/operator (o/o) shall maintain this baghouse in strict accord with those recommendations of the manufacturer/supplier and/or sound engineering principles which produce the minimum emissions of air contaminants.
2. This baghouse shall operate concurrently with the four 100 ton silos serving the Raymond Mill System under District Permit T000642.
3. The o/o shall conduct a minimum program of inspection and maintenance on this equipment. The o/o shall maintain current and on-site for five (5) years a log of the following information, which shall be provided to District personnel upon request:
  - a. Weekly baghouse stack observation date and result (using USEPA Method 22,

- and USEPA Method 9 if necessary);
- b. Quarterly bag and bag suspension system inspection date and results;
  - c. Quarterly reading of baghouse pressure drop, date and value (if a manometer is present);
  - d. Date of bag replacements; and,
  - e. Date and nature of any system repairs.
4. This baghouse shall not discharge into the atmosphere an exhaust stream that exhibits greater than twenty percent opacity.
  5. This baghouse shall discharge no more than 0.4 pounds per hour of PM<sub>10</sub> at a maximum concentration of 0.01 grains/dscf at the operating conditions given in the above description (Rule 404). This equipment does not require a regularly scheduled emission compliance test. However, emission compliance testing may be required at the discretion of the District.
  6. The o/o shall maintain on-site a minimum inventory of replacement bags that assures compliance with these conditions.

[Applies to all conditions above; Rule 204 - Permit Conditions; Version in SIP = CARB Ex. Order G-73, 40 CFR 52.220(c)(39)(ii)(B) - 11/09/78 43 FR 52237; Current Rule Version = 07/25/77]

[40 CFR 70.6(a)(3)(ii)(B); Rule 1203(D)(1)(d)(ii)]

[40 CFR 70.6 (a)(3)(i)(B) - Periodic Monitoring Requirements]

[Rule 404 - *Particulate Matter Concentration*; Version in SIP = Current, 40 CFR 52.220(c)(42)(xiii)(A) - 12/21/78 43 FR 52489]

**BT. BAGHOUSE - DCL 34, MDAQMD permit number C000653, consisting of:**

A Fabric Filters Model SQ36-8 baghouse, with polyester bags totaling 339 square feet, equipped with a fan producing 4700 cfm of flow (for an air to cloth ratio of 13.9:1). This unit serves the Raymond Mill System with a pickup point at the top of the number one 100 ton bin.

**Conditions for unit with permit number: C000653.**

1. The owner/operator (o/o) shall maintain this baghouse in strict accord with those recommendations of the manufacturer/supplier and/or sound engineering principles which produce the minimum emissions of air contaminants.
2. This baghouse shall operate concurrently with the number one 100 ton silo serving the Raymond Mill System under District Permit T000642.
3. The o/o shall conduct a minimum program of inspection and maintenance on this equipment. The o/o shall maintain current and on-site for five (5) years a log of the following information, which shall be provided to District personnel upon request:
  - a. Weekly baghouse stack observation date and result (using USEPA Method 22,

- and USEPA Method 9 if necessary);
- b. Quarterly bag and bag suspension system inspection date and results;
  - c. Quarterly reading of baghouse pressure drop, date and value (if a manometer is present);
  - d. Date of bag replacements; and,
  - e. Date and nature of any system repairs.
4. This baghouse shall not discharge into the atmosphere an exhaust stream that exhibits greater than twenty percent opacity.
  5. This baghouse shall discharge no more than 0.4 pounds per hour of PM<sub>10</sub> at a maximum concentration of 0.01 grains/dscf at the operating conditions given in the above description (Rule 404). This equipment does not require a regularly scheduled emission compliance test. However, emission compliance testing may be required at the discretion of the District.
  6. The o/o shall maintain on-site a minimum inventory of replacement bags that assures compliance with these conditions.

[Applies to all conditions above; Rule 204 - Permit Conditions; Version in SIP = CARB Ex. Order G-73, 40 CFR 52.220(c)(39)(ii)(B) - 11/09/78 43 FR 52237; Current Rule Version = 07/25/77]

[40 CFR 70.6(a)(3)(ii)(B); Rule 1203(D)(1)(d)(ii)]

[40 CFR 70.6 (a)(3)(i)(B) - Periodic Monitoring Requirements]

[Rule 404 - *Particulate Matter Concentration*; Version in SIP = Current, 40 CFR 52.220(c)(42)(xiii)(A) - 12/21/78 43 FR 52489]

**BU. BAGHOUSE - DCL 32 (RAYMOND MILL NO. 5), MDAQMD permit number C000655, consisting of:**

A Fabric Filters Pulse Jet (Evacuation Loop DC) Model 81-8 baghouse, with polyester bags totaling 763 square feet of filter area, equipped with a fan producing 4000 cfm of flow (for an air to cloth ratio of 5.2:1). This unit serves Raymond Mill No. 5 with a pickup point at the Cyclone 505 RE discharge Line to Fan 405 RE.

**Conditions for unit with permit number: C000655.**

1. The owner/operator (o/o) shall maintain this baghouse in strict accord with those recommendations of the manufacturer/supplier and/or sound engineering principles which produce the minimum emissions of air contaminants.
2. This baghouse shall operate concurrently with the Cyclone 505 RE discharge line to Fan 405 RE of the Raymond Mill No.5 System under District Permit B000654.
3. The o/o shall conduct a minimum program of inspection and maintenance on this equipment. The o/o shall maintain current and on-site for five (5) years a log of the following information, which shall be provided to District personnel upon request:

- a. Weekly baghouse stack observation date and result (using USEPA Method 22, and USEPA Method 9 if necessary);
  - b. Quarterly bag and bag suspension system inspection date and results;
  - c. Quarterly reading of baghouse pressure drop, date and value (if a manometer is present);
  - d. Date of bag replacements; and,
  - e. Date and nature of any system repairs.
4. This baghouse shall not discharge into the atmosphere an exhaust stream that exhibits greater than twenty percent opacity.
  5. This baghouse shall discharge no more than 0.3 pounds per hour of PM<sub>10</sub> at a maximum concentration of 0.01 grains/dscf at the operating conditions given in the above description (Rule 404). This equipment does not require a regularly scheduled emission compliance test. However, emission compliance testing may be required at the discretion of the District.
  6. The o/o shall maintain on-site a minimum inventory of replacement bags that assures compliance with these conditions.

[Applies to all conditions above; Rule 204 - Permit Conditions; Version in SIP = CARB Ex. Order G-73, 40 CFR 52.220(c)(39)(ii)(B) - 11/09/78 43 FR 52237; Current Rule Version = 07/25/77]

[40 CFR 70.6(a)(3)(ii)(B); Rule 1203(D)(1)(d)(ii)]

[40 CFR 70.6 (a)(3)(i)(B) - Periodic Monitoring Requirements]

[Rule 404 - *Particulate Matter Concentration*; Version in SIP = Current, 40 CFR 52.220(c)(42)(xiii)(A) - 12/21/78 43 FR 52489]

**BV. BAGHOUSE - DCL 04 (DRIER SIZER SYSTEM), MDAQMD permit number C000656, consisting of:**

A Mikropul Pulse Jet Model 144-10 baghouse, with polyester bags totaling 1696 square feet of filter area, equipped with a fan producing 11,900 cfm of flow (for an air to cloth ratio of 6.95:1). This unit has pickup points at the SWECOs SCC01 & SCC02, Hummers SCH 06, 07, 08 & 09; and Fines Bin.

**Conditions for unit with permit number: C000656.**

1. The owner/operator (o/o) shall maintain this baghouse in strict accord with those recommendations of the manufacturer/supplier and/or sound engineering principles which produce the minimum emissions of air contaminants.
2. This baghouse shall operate concurrently with the Drier Sizer and Hot Dust Storage Systems under District Permits B000663 and T000686 respectively.
3. The o/o shall conduct a minimum program of inspection and maintenance on this equipment. The o/o shall maintain current and on-site for five (5) years a log of the following information, which shall be provided to District personnel upon

request:

- a. Weekly baghouse stack observation date and result (using USEPA Method 22, and USEPA Method 9 if necessary);
  - b. Quarterly bag and bag suspension system inspection date and results;
  - c. Daily reading of baghouse pressure drop, date and value (if a manometer is present);
  - d. Date of bag replacements; and,
  - e. Date and nature of any system repairs.
4. This baghouse shall be operated in compliance with 40 CFR 60 Subpart OOO - Standards of Performance for Nonmetallic Mineral Processing Plants.
  5. This baghouse shall not discharge into the atmosphere an exhaust stream that exhibits greater than seven percent opacity (40 CFR 60.672(a)).
  6. This baghouse shall discharge no more than 1.36 pounds per hour of PM<sub>10</sub> at a maximum concentration of 0.022 grains/dscf at the operating conditions given in the above description (40 CFR 60.672(a)). This equipment does not require a regularly scheduled emission compliance test. However, emission compliance testing may be required at the discretion of the District.
  7. The o/o shall maintain on-site a minimum inventory of replacement bags that assures compliance with these conditions.
  8. This unit shall be equipped with a device to measure the pressure differential across the bags (manometer). In operation, the pressure differential shall be maintained within 1.0 and 6.5 inches water column.

[Applies to all conditions above; Rule 204 - Permit Conditions; Version in SIP = CARB Ex. Order G-73, 40 CFR 52.220(c)(39)(ii)(B) - 11/09/78 43 FR 52237; Current Rule Version = 07/25/77]

[40 CFR 70.6(a)(3)(ii)(B); Rule 1203(D)(1)(d)(ii)]

[40 CFR 70.6 (a)(3)(i)(B) - Periodic Monitoring Requirements]

[40 CFR 60.670 et seq - NSPS Subpart OOO]

[40 CFR Part 64 – Compliance Assurance Monitoring]

**BW. BAGHOUSE - DCL 28, MDAQMD permit number C000659, consisting of:**

A Mikropul Pulse Jet Model 320-8 baghouse, with 320 polyester bags totaling 3016 square feet of filter area, equipped with a 75 hp fan generating 18,600 acfm (for an air to cloth of 6.2 to 1). This unit serves the Drier Sizer System (B000663) and Cage Mill Circuit (B002301). This unit has the following pickup points: CBE17 (discharge hood), CBE18 (discharge hood), CBE19 (feed), CBE20 (feed), CBE22 (feed), CBE24 (discharge hood), CBE25 (feed), CBE26 (feed), CBE27 (feed), CLF01, ELV18 (head and tail), ELV28 (head and tail), ELV32 (head), CBE 528 (feed), CBE 529 (feed), and SCT07.

**Conditions for unit with permit number: C000659.**

1. The owner/operator (o/o) shall maintain this baghouse in strict accord with those recommendations of the manufacturer/supplier and/or sound engineering principles which produce the minimum emissions of air contaminants.
2. This baghouse shall operate concurrently with the Drier Sizer System (B000663), and Cage Mill Circuit (B002301).
3. The o/o shall conduct a minimum program of inspection and maintenance on this equipment. The o/o shall maintain current and on-site for five (5) years a log of the following information, which shall be provided to District personnel upon request:
  - a. Monthly baghouse stack observation date and result (using USEPA Method 22, and USEPA Method 9 if necessary);
  - b. Quarterly bag and bag suspension system inspection date and results;
  - c. Daily reading of baghouse pressure drop, date and value (if a manometer is present);
  - d. Date of bag replacements; and,
  - e. Date and nature of any system repairs.
4. This baghouse shall be operated in compliance with applicable requirements of 40 CFR 60 Subpart OOO - Standards of Performance for Nonmetallic Mineral Processing Plants.
5. This baghouse shall not discharge into the atmosphere an exhaust stream that exhibits greater than seven percent opacity (40 CFR 60.672(a)).
6. This baghouse shall discharge no more than 1.59 pounds per hour of PM<sub>10</sub> at a maximum concentration of 0.01 grains/dscf at the operating conditions given in the above description (BACT).
7. This unit shall be equipped with a device to measure the pressure differential across the bags (manometer). In operation, the pressure differential shall be maintained within 2 and 6 inches water column
8. The o/o shall maintain on-site a minimum inventory of replacement bags that assures compliance with these conditions.
9. The o/o shall conduct an initial compliance test per NSPS Subpart OOO requirements, including PM (USEPA Method 5 or equivalent), PM<sub>10</sub> and/or opacity (USEPA Method 9 or equivalent) testing as applicable for each baghouse, bin vent and fugitive emission point (transfer point or other) associated with this equipment.
10. The o/o shall conduct a periodic compliance test for PM<sub>10</sub> (USEPA Method 5 or equivalent). Testing shall be performed at a minimum once each 60 months starting in 2010. The owner/operator must submit a compliance/source test protocol at least thirty (30) days prior to the compliance/source test date. The owner/operator must conduct all required compliance/source tests in accordance

with a District-approved test protocol. The owner/operator must notify the District a minimum of ten (10) days prior to the compliance/source test date so that an observer may be present. The final compliance/source test results must be submitted to the District not later than forty-five (45) days after the source test date. All compliance/source test notifications, protocols, and results may be submitted electronically to [reporting@mdaqmd.ca.gov](mailto:reporting@mdaqmd.ca.gov).

[Applies to all conditions above; Rule 204 - Permit Conditions; Version in SIP = CARB Ex. Order G-73, 40 CFR 52.220(c)(39)(ii)(B) - 11/09/78 43 FR 52237; Current Rule Version = 07/25/77]

[40 CFR 70.6(a)(3)(ii)(B); Rule 1203(D)(1)(d)(ii)]

[40 CFR 70.6 (a)(3)(i)(B) - Periodic Monitoring Requirements]

[40 CFR 60.670 et seq - NSPS Subpart OOO]

[Rule 1303 - *Requirements*; Version in SIP = as amended 3/25/96, 40 CFR 52.220(c)(239):(A)(1) - 11/13/96 61 FR 58133; current rule version = 9/24/01]

[40 CFR Part 64 – Compliance Assurance Monitoring]

**BX. BAGHOUSE - DCL 12, MDAQMD permit number C000678, consisting of:**

A Pangborn/SCI Pulse Jet Model 401 baghouse, with 100 polyester bags totaling 1211 square feet of filter area, equipped with a fan producing 14,500 cfm of flow (for an air to cloth ratio of 12:1). This unit has pickup points at SCH 01 & SCH 02 Hummer screens, ELV 2, 3, 4, 5, 6, & 7 discharges, #1 & 2 Impactors and CBE 31 discharge.

**Conditions for unit with permit number: C000678.**

1. The owner/operator (o/o) shall maintain this baghouse in strict accord with those recommendations of the manufacturer/supplier and/or sound engineering principles which produce the minimum emissions of air contaminants.
2. This baghouse shall operate concurrently with the Mill Screening Primary System and the Mill Screening Secondary System under District Permits B000680 and B002305 respectively.
3. The o/o shall conduct a minimum program of inspection and maintenance on this equipment. The o/o shall maintain current and on-site for five (5) years a log of the following information, which shall be provided to District personnel upon request:
  - a. Weekly baghouse stack observation date and result (using USEPA Method 22, and USEPA Method 9 if necessary);
  - b. Quarterly bag and bag suspension system inspection date and results;
  - c. Quarterly reading of baghouse pressure drop, date and value (if a manometer is present);
  - d. Date of bag replacements; and,

- e. Date and nature of any system repairs.
4. This baghouse shall not discharge into the atmosphere an exhaust stream that exhibits greater than twenty percent opacity.
5. This baghouse shall discharge no more than 1.2 pounds per hour of PM<sub>10</sub> at a maximum concentration of 0.01 grains/dscf at the operating conditions given in the above description (Rule 404). This equipment does not require a regularly scheduled emission compliance test. However, emission compliance testing may be required at the discretion of the District.
6. The o/o shall maintain on-site a minimum inventory of replacement bags that assures compliance with these conditions.
7. This unit shall be equipped with a device to measure the pressure differential across the bags (manometer), and this unit shall be operated at a minimum of one quarter (0.25) and a maximum of nine (9) inches of water column as determined by the manometer pressure differential reading.

[Applies to all conditions above; Rule 204 - Permit Conditions; Version in SIP = CARB Ex. Order G-73, 40 CFR 52.220(c)(39)(ii)(B) - 11/09/78 43 FR 52237; Current Rule Version = 07/25/77]

[40 CFR 70.6(a)(3)(ii)(B); Rule 1203(D)(1)(d)(ii)]

[40 CFR 70.6 (a)(3)(i)(B) - Periodic Monitoring Requirements]

[Rule 404 - *Particulate Matter Concentration*; Version in SIP = Current, 40 CFR 52.220(c)(42)(xiii)(A) - 12/21/78 43 FR 52489]

**BY. BAGHOUSE - DCL 11, MDAQMD permit number C000679, consisting of:**

An American Air Filter Model 14-32-1320 baghouse, with polyester bags totaling 1080 square feet of filter area, equipped with a fan producing 5500 cfm of flow (for an air to cloth ratio of 5.1:1). This unit has pickup points at C pack bin, C, F, & G packers and RM4 railcar loadout spout.

**Conditions for unit with permit number: C000679.**

1. The owner/operator (o/o) shall maintain this baghouse in strict accord with those recommendations of the manufacturer/supplier and/or sound engineering principles which produce the minimum emissions of air contaminants.
2. This baghouse shall operate concurrently with the Mill Screening Secondary System under District Permits B000622, B002305, B002306, and B002307 respectively and Mill Screening Primary System (B000680).
3. The o/o shall conduct a minimum program of inspection and maintenance on this equipment. The o/o shall maintain current and on-site for five (5) years a log of the following information, which shall be provided to District personnel upon request:
  - a. Weekly baghouse stack observation date and result (using USEPA Method 22,

- and USEPA Method 9 if necessary);
- b. Quarterly bag and bag suspension system inspection date and results;
  - c. Quarterly reading of baghouse pressure drop, date and value (if a manometer is present);
  - d. Date of bag replacements; and,
  - e. Date and nature of any system repairs.
4. This baghouse shall be operated in compliance with 40 CFR 60 Subpart OOO - Standards of Performance for Nonmetallic Mineral Processing Plants.
  5. This baghouse shall not discharge into the atmosphere an exhaust stream that exhibits greater than seven percent opacity (40 CFR 60.672(a)).
  6. This baghouse shall discharge no more than 1.04 pounds per hour of PM<sub>10</sub> at a maximum concentration of 0.022 grains/dscf at the operating conditions given in the above description (40 CFR 60.672(a)). This equipment does not require a regularly scheduled emission compliance test. However, emission compliance testing may be required at the discretion of the District.
  7. The o/o shall maintain on-site a minimum inventory of replacement bags that assures compliance with these conditions.

[Applies to all conditions above; Rule 204 - Permit Conditions; Version in SIP = CARB Ex. Order G-73, 40 CFR 52.220(c)(39)(ii)(B) - 11/09/78 43 FR 52237; Current Rule Version = 07/25/77]

[40 CFR 70.6(a)(3)(ii)(B); Rule 1203(D)(1)(d)(ii)]

[40 CFR 70.6 (a)(3)(i)(B) - Periodic Monitoring Requirements]

[40 CFR 60.670 et seq - NSPS Subpart OOO]

**BZ. BAGHOUSE - DCL 07, MDAQMD permit number C000684, consisting of:**

A Mikropul Pulse Jet Model 1F2 baghouse, equipped with 144 polyester bags totaling 1357 sq ft of filter area and a 60 hp fan generating 11000 acfm of flow (for an air to cloth ratio of 7.7 to 1). This baghouse serves the Blender Feed System to Silos, Blender Triple Truck Loadout, Automated Packaging Center #1, and Automated Packaging Center #2 and Packaging Center #3. This unit has the following pickup points: CBE58 (head) , ELV20 (head and tail), ELV21 (head and tail), #1 Pack Bin, and Middle, 175 T. Bin and West Loadout Spouts.

**Conditions for unit with permit number: C000684.**

1. The owner/operator (o/o) shall maintain this baghouse in strict accord with those recommendations of the manufacturer/supplier and/or sound engineering principles which produce the minimum emissions of air contaminants.
2. This baghouse shall operate concurrently with the Feed System to Blender Storage (B002303), Packaging Center #3 (B000614), West Loadout Spouts (B000688), Automated Packaging Center #1 (B000694), and Blender Feed System to Silos

- (B002304).
3. The o/o shall conduct a minimum program of inspection and maintenance on this equipment. The o/o shall maintain current and on-site for five (5) years a log of the following information, which shall be provided to District personnel upon request:
    - a. Weekly baghouse stack observation date and result (using USEPA Method 22, and USEPA Method 9 if necessary);
    - b. Quarterly bag and bag suspension system inspection date and results;
    - c. Quarterly reading of baghouse pressure drop, date and value (if a manometer is present);
    - d. Date of bag replacements; and,
    - e. Date and nature of any system repairs.
  4. This baghouse shall be operated in compliance with 40 CFR 60 Subpart OOO - Standards of Performance for Nonmetallic Mineral Processing Plants.
  5. This baghouse shall not discharge into the atmosphere an exhaust stream that exhibits greater than seven percent opacity (40 CFR 60.672(a)).
  6. This baghouse shall discharge no more than 0.94 pounds per hour of PM<sub>10</sub> at a maximum concentration of 0.01 grains/dscf at the operating conditions given in the above description (BACT).
  7. The o/o shall maintain on-site a minimum inventory of replacement bags that assures compliance with these conditions.
  8. The o/o shall conduct a periodic compliance test for PM<sub>10</sub> (USEPA Method 5 or equivalent). Testing shall be performed at a minimum once each 60 months starting in 2001. The owner/operator must submit a compliance/source test protocol at least thirty (30) days prior to the compliance/source test date. The owner/operator must conduct all required compliance/source tests in accordance with a District-approved test protocol. The owner/operator must notify the District a minimum of ten (10) days prior to the compliance/source test date so that an observer may be present. The final compliance/source test results must be submitted to the District not later than forty-five (45) days after the source test date. All compliance/source test notifications, protocols, and results may be submitted electronically to reporting@mdaqmd.ca.gov.
  9. The o/o shall install and maintain a device which measures the pressure differential across the bags (manometer), and this unit shall be operated at a minimum of one quarter (0.25) and a maximum of nine (9) inches of water column as determined by the pressure differential reading.

[Applies to all conditions above; Rule 204 - Permit Conditions; Version in SIP = CARB Ex. Order G-73, 40 CFR 52.220(c)(39)(ii)(B) - 11/09/78 43 FR 52237; Current Rule Version = 07/25/77]

[40 CFR 70.6(a)(3)(ii)(B); Rule 1203(D)(1)(d)(ii)]

[40 CFR 70.6 (a)(3)(i)(B) - Periodic Monitoring Requirements]  
[40 CFR 60.670 et seq - NSPS Subpart OOO]  
[Rule 1303 - *Requirements*; Version in SIP = as amended 3/25/96, 40 CFR  
52.220(c)(239)(:)(A)(1) - 11/13/96 61 FR 58133; current rule version = 9/24/01]

**CA. BAGHOUSE - DCL 10, MDAQMD permit number C000685, consisting of:**

A Mikropul Model 8B baghouse, with polyester bags totaling 151 square feet of filter area, equipped with a fan producing 500 cfm of flow (for an air to cloth ratio of 3.35:1). This unit has a pickup point at the top of SW 65 ton Bin.

**Conditions for unit with permit number: C000685.**

1. The owner/operator (o/o) shall maintain this baghouse in strict accord with those recommendations of the manufacturer/supplier and/or sound engineering principles which produce the minimum emissions of air contaminants.
2. This baghouse shall operate concurrently with the Blender Loadout Storage Silos under District Permit T002322.
3. The o/o shall conduct a minimum program of inspection and maintenance on this equipment. The o/o shall maintain current and on-site for five (5) years a log of the following information, which shall be provided to District personnel upon request:
  - a. Weekly baghouse stack observation date and result (using USEPA Method 22, and USEPA Method 9 if necessary);
  - b. Quarterly bag and bag suspension system inspection date and results;
  - c. Quarterly reading of baghouse pressure drop, date and value (if a manometer is present);
  - d. Date of bag replacements; and,
  - e. Date and nature of any system repairs.
4. This baghouse shall not discharge into the atmosphere an exhaust stream that exhibits greater than twenty percent opacity.
5. This baghouse shall discharge no more than 0.04 pounds per hour of PM<sub>10</sub> at a maximum concentration of 0.01 grains/dscf at the operating conditions given in the above description (Rule 404). This equipment does not require a regularly scheduled emission compliance test. However, emission compliance testing may be required at the discretion of the District.
6. The o/o shall maintain on-site a minimum inventory of replacement bags that assures compliance with these conditions.

[Applies to all conditions above; Rule 204 - Permit Conditions; Version in SIP = CARB Ex. Order G-73, 40 CFR 52.220(c)(39)(ii)(B) - 11/09/78 43 FR 52237; Current Rule Version = 07/25/77]

[40 CFR 70.6(a)(3)(ii)(B); Rule 1203(D)(1)(d)(ii)]

[40 CFR 70.6 (a)(3)(i)(B) - Periodic Monitoring Requirements]  
[Rule 404 - *Particulate Matter Concentration*; Version in SIP = Current, 40 CFR  
52.220(c)(42)(xiii)(A) - 12/21/78 43 FR 52489]

**CB. BAGHOUSE - DCL 05A, MDAQMD permit number C000687 (Cancelled).**

**CC. BAGHOUSE - DCL 30, MDAQMD permit number C000695, consisting of:**

A Mikropul Pulse Jet Model 1F1-24 baghouse, with polyester bags totaling 905 square feet of filter area, equipped with a fan producing 2500 cfm of flow (for an air to cloth ratio of 2.76:1). This unit has as a pickup point at the Discharge of Belt CBE 59.

**Conditions for unit with permit number: C000695.**

1. The owner/operator (o/o) shall maintain this baghouse in strict accord with those recommendations of the manufacturer/supplier and/or sound engineering principles which produce the minimum emissions of air contaminants.
2. This baghouse shall operate concurrently with the Feed System to Blender Storage under District Permit B002303.
3. The o/o shall conduct a minimum program of inspection and maintenance on this equipment. The o/o shall maintain current and on-site for five (5) years a log of the following information, which shall be provided to District personnel upon request:
  - a. Weekly baghouse stack observation date and result (using USEPA Method 22, and USEPA Method 9 if necessary);
  - b. Quarterly bag and bag suspension system inspection date and results;
  - c. Quarterly reading of baghouse pressure drop, date and value (if a manometer is present);
  - d. Date of bag replacements; and,
  - e. Date and nature of any system repairs.
4. This baghouse shall not discharge into the atmosphere an exhaust stream that exhibits greater than twenty percent opacity.
5. This baghouse shall discharge no more than 0.2 pounds per hour of PM<sub>10</sub> at a maximum concentration of 0.01 grains/dscf at the operating conditions given in the above description (Rule 404). This equipment does not require a regularly scheduled emission compliance test. However, emission compliance testing may be required at the discretion of the District.
6. The o/o shall maintain on-site a minimum inventory of replacement bags that assures compliance with these conditions.

[Applies to all conditions above; Rule 204 - Permit Conditions; Version in SIP = CARB Ex. Order G-73, 40 CFR 52.220(c)(39)(ii)(B) - 11/09/78 43 FR 52237; Current Rule

Version = 07/25/77]

[40 CFR 70.6(a)(3)(ii)(B); Rule 1203(D)(1)(d)(ii)]

[40 CFR 70.6 (a)(3)(i)(B) - Periodic Monitoring Requirements]

[Rule 404 - *Particulate Matter Concentration*; Version in SIP = Current, 40 CFR

52.220(c)(42)(xiii)(A) - 12/21/78 43 FR 52489]

**CD. BAGHOUSE - DCL 43 (METSTONE FEED SYSTEM), MDAQMD permit number C000711, consisting of:**

A Mikropul Pulse Jet Model 64-8 baghouse, with polyester bags totaling 603 square feet of filter area, equipped with a fan producing 4000 cfm of flow (for an air to cloth ratio of 6.6:1).

**Conditions for unit with permit number: C000711.**

1. The owner/operator (o/o) shall maintain this baghouse in strict accord with those recommendations of the manufacturer/supplier and/or sound engineering principles which produce the minimum emissions of air contaminants.
2. This baghouse shall operate concurrently with the Metstone Feed System under District Permit B000710 and the Stone Withdrawal System under District Permit B002300.
3. The o/o shall conduct a minimum program of inspection and maintenance on this equipment. The o/o shall maintain current and on-site for five (5) years a log of the following information, which shall be provided to District personnel upon request:
  - a. Weekly baghouse stack observation date and result (using USEPA Method 22, and USEPA Method 9 if necessary);
  - b. Quarterly bag and bag suspension system inspection date and results;
  - c. Quarterly reading of baghouse pressure drop, date and value (if a manometer is present);
  - d. Date of bag replacements; and,
  - e. Date and nature of any system repairs.
4. This baghouse shall not discharge into the atmosphere an exhaust stream that exhibits greater than twenty percent opacity.
5. This baghouse shall discharge no more than 0.3 pounds per hour of PM<sub>10</sub> at a maximum concentration of 0.01 grains/dscf at the operating conditions given in the above description (Rule 404). This equipment does not require a regularly scheduled emission compliance test. However, emission compliance testing may be required at the discretion of the District.
6. The o/o shall maintain on-site a minimum inventory of replacement bags that assures compliance with these conditions.

[Applies to all conditions above; Rule 204 - Permit Conditions; Version in SIP = CARB

Ex. Order G-73, 40 CFR 52.220(c)(39)(ii)(B) - 11/09/78 43 FR 52237; Current Rule  
Version = 07/25/77]

[40 CFR 70.6(a)(3)(ii)(B); Rule 1203(D)(1)(d)(ii)]

[40 CFR 70.6 (a)(3)(i)(B) - Periodic Monitoring Requirements]

[Rule 404 - *Particulate Matter Concentration*; Version in SIP = Current, 40 CFR  
52.220(c)(42)(xiii)(A) - 12/21/78 43 FR 52489]

**CE. BAGHOUSE - DCL 42, MDAQMD permit number C000712, consisting of:**

A Mikropul Pulse Jet Model 180-S-8 baghouse, with polyester bags totaling 1696 square feet of filter area, equipped with a fan producing 14,400 ACFM of flow (for an air to cloth ratio of 8.5:1). Pick up points for this baghouse are: CBE 45 Feed; CBE 46 Feed; Elevator 925; SCT 908; Impactor 908, CBE 44 and CBE 529 Discharge.

**Conditions for unit with permit number: C000712.**

1. The owner/operator (o/o) shall maintain this baghouse in strict accord with those recommendations of the manufacturer/supplier and/or sound engineering principles which produce the minimum emissions of air contaminants.
2. This baghouse shall operate concurrently with the Metstone Feed System under District Permit B000710.
3. The o/o shall conduct a minimum program of inspection and maintenance on this equipment. The o/o shall maintain current and on-site for five (5) years a log of the following information, which shall be provided to District personnel upon request:
  - a. Monthly baghouse stack observation date and result (using USEPA Method 22, and USEPA Method 9 if necessary);
  - b. Quarterly bag and bag suspension system inspection date and results;
  - c. Quarterly reading of baghouse pressure drop, date and value (if a manometer is present);
  - d. Date of bag replacements; and,
  - e. Date and nature of any system repairs.
4. This baghouse shall not discharge into the atmosphere an exhaust stream that exhibits greater than seven percent opacity (40 CFR 60.672(a)).
5. This baghouse shall discharge no more than 1.23 pounds per hour of PM<sub>10</sub> at a maximum concentration of 0.01 grains/dscf at the operating conditions given in the above description (BACT). This equipment does not require a regularly scheduled emission compliance test. However, emission compliance testing may be required at the discretion of the District.
6. The o/o shall maintain on-site a minimum inventory of replacement bags that assures compliance with these conditions.
7. This equipment shall be operated in compliance with all applicable requirements

of 40 CFR 60 Subpart OOO - Standards of Performance for Nonmetallic Mineral Processing Plants.

[Applies to all conditions above; Rule 204 - Permit Conditions; Version in SIP = CARB Ex. Order G-73, 40 CFR 52.220(c)(39)(ii)(B) - 11/09/78 43 FR 52237; Current Rule Version = 07/25/77]

[40 CFR 70.6(a)(3)(ii)(B); Rule 1203(D)(1)(d)(ii)]

[40 CFR 70.6 (a)(3)(i)(B) - Periodic Monitoring Requirements]

[Rule 404 - *Particulate Matter Concentration*; Version in SIP = Current, 40 CFR 52.220(c)(42)(xiii)(A) - 12/21/78 43 FR 52489]

**CF. BAGHOUSE - DCL 27, MDAQMD permit number C000713, consisting of:**

A Mikropul Pulse Jet Model 36510-30TR (Elevation Loop DC) baghouse, with polyester bags totaling 424 square feet of filter area, equipped with a fan producing 2000 cfm of flow (for an air to cloth ratio of 4.7:1). This unit has a pickup points at the Cyclone 505 RC Discharge Line to fan 403 RC of Raymond Mill No. 3.

**Conditions for unit with permit number: C000713.**

1. The owner/operator (o/o) shall maintain this baghouse in strict accord with those recommendations of the manufacturer/supplier and/or sound engineering principles which produce the minimum emissions of air contaminants.
2. This baghouse shall operate concurrently with the Raymond Mill No. 3 System under District Permit B000673.
3. The o/o shall conduct a minimum program of inspection and maintenance on this equipment. The o/o shall maintain current and on-site for five (5) years a log of the following information, which shall be provided to District personnel upon request:
  - a. Weekly baghouse stack observation date and result (using USEPA Method 22, and USEPA Method 9 if necessary);
  - b. Quarterly bag and bag suspension system inspection date and results;
  - c. Quarterly reading of baghouse pressure drop, date and value (if a manometer is present);
  - d. Date of bag replacements; and,
  - e. Date and nature of any system repairs.
4. This baghouse shall not discharge into the atmosphere an exhaust stream that exhibits greater than twenty percent opacity.
5. This baghouse shall discharge no more than 0.2 pounds per hour of PM<sub>10</sub> at a maximum concentration of 0.01 grains/dscf at the operating conditions given in the above description (Rule 404). This equipment does not require a regularly scheduled emission compliance test. However, emission compliance testing may be required at the discretion of the District.

6. The o/o shall maintain on-site a minimum inventory of replacement bags that assures compliance with these conditions.

[Applies to all conditions above; Rule 204 - Permit Conditions; Version in SIP = CARB Ex. Order G-73, 40 CFR 52.220(c)(39)(ii)(B) - 11/09/78 43 FR 52237; Current Rule Version = 07/25/77]

[40 CFR 70.6(a)(3)(ii)(B); Rule 1203(D)(1)(d)(ii)]

[40 CFR 70.6 (a)(3)(i)(B) - Periodic Monitoring Requirements]

[Rule 404 - *Particulate Matter Concentration*; Version in SIP = Current, 40 CFR 52.220(c)(42)(xiii)(A) - 12/21/78 43 FR 52489]

**CG. BAGHOUSE - DCL 38, MDAQMD permit number C000714, consisting of:**

A Mikropul Pulse Jet Model 221STRB baghouse, with 221 polyester bags totaling 2083 square feet of filter area, equipped with a fan producing 14,000 cfm of flow (for an air to cloth ratio of 7.6:1). This unit has pickup points at Boot ELV 15, Discharge ELV 15; Boot ELV 14; Discharge ELV 14; ELV 14 Feed Drop to Tyrock 03 Screen SCT 03; Loading Pipes from Silos 1, 2, 3, & 4; CEB 22; CBE 40; and Product Turnhead CBE 22 & Bucket Elevator ELV 01.

**Conditions for unit with permit number: C000714.**

1. The owner/operator (o/o) shall maintain this baghouse in strict accord with those recommendations of the manufacturer/supplier and/or sound engineering principles which produce the minimum emissions of air contaminants.
2. This baghouse shall operate concurrently with the Granules Plant Screening System and Roof Rock Storage Bins under District Permits B000616 and T002323 respectively and with Reclaim System to Feed Bins (B000667).
3. The o/o shall conduct a minimum program of inspection and maintenance on this equipment. The o/o shall maintain current and on-site for five (5) years a log of the following information, which shall be provided to District personnel upon request:
  - a. Weekly baghouse stack observation date and result (using USEPA Method 22, and USEPA Method 9 if necessary);
  - b. Quarterly bag and bag suspension system inspection date and results;
  - c. Quarterly reading of baghouse pressure drop, date and value (if a manometer is present);
  - d. Date of bag replacements; and,
  - e. Date and nature of any system repairs.
4. This baghouse shall not discharge into the atmosphere an exhaust stream that exhibits greater than twenty percent opacity.
5. This baghouse shall discharge no more than 1.2 pounds per hour of PM<sub>10</sub> at a maximum concentration of 0.01 grains/dscf at the operating conditions given in

the above description (Rule 404). This equipment does not require a regularly scheduled emission compliance test. However, emission compliance testing may be required at the discretion of the District.

6. The o/o shall maintain on-site a minimum inventory of replacement bags that assures compliance with these conditions.

[Applies to all conditions above; Rule 204 - Permit Conditions; Version in SIP = CARB Ex. Order G-73, 40 CFR 52.220(c)(39)(ii)(B) - 11/09/78 43 FR 52237; Current Rule Version = 07/25/77]

[40 CFR 70.6(a)(3)(ii)(B); Rule 1203(D)(1)(d)(ii)]

[40 CFR 70.6 (a)(3)(i)(B) - Periodic Monitoring Requirements]

[Rule 404 - *Particulate Matter Concentration*; Version in SIP = Current, 40 CFR 52.220(c)(42)(xiii)(A) - 12/21/78 43 FR 52489]

**CH. BAGHOUSE - DCL 46, MDAQMD permit number C000716, consisting of:**

A Mikropul Pulse Jet Model 3658-30-B baghouse, with polyester bags totaling 339 square feet of filter area, equipped with a fan producing 1000 cfm of flow (for an air to cloth ratio of 2.9:1). This unit has as a pickup point at the Top of the Bin of Ranger 8 Packaging Silo.

**Conditions for unit with permit number: C000716.**

1. The owner/operator (o/o) shall maintain this baghouse in strict accord with those recommendations of the manufacturer/supplier and/or sound engineering principles which produce the minimum emissions of air contaminants.
2. This baghouse shall operate concurrently with the Ranger 8 Packaging Silo under District Permit T002324.
3. The o/o shall conduct a minimum program of inspection and maintenance on this equipment. The o/o shall maintain current and on-site for five (5) years a log of the following information, which shall be provided to District personnel upon request:
  - a. Weekly baghouse stack observation date and result (using USEPA Method 22, and USEPA Method 9 if necessary);
  - b. Quarterly bag and bag suspension system inspection date and results;
  - c. Quarterly reading of baghouse pressure drop, date and value (if a manometer is present);
  - d. Date of bag replacements; and,
  - e. Date and nature of any system repairs.
4. This baghouse shall not discharge into the atmosphere an exhaust stream that exhibits greater than twenty percent opacity.
5. This baghouse shall discharge no more than 0.1 pounds per hour of PM<sub>10</sub> at a maximum concentration of 0.01 grains/dscf at the operating conditions given in

the above description (Rule 404). This equipment does not require a regularly scheduled emission compliance test. However, emission compliance testing may be required at the discretion of the District.

6. The o/o shall maintain on-site a minimum inventory of replacement bags that assures compliance with these conditions.

[Applies to all conditions above; Rule 204 - Permit Conditions; Version in SIP = CARB Ex. Order G-73, 40 CFR 52.220(c)(39)(ii)(B) - 11/09/78 43 FR 52237; Current Rule Version = 07/25/77]

[40 CFR 70.6(a)(3)(ii)(B); Rule 1203(D)(1)(d)(ii)]

[40 CFR 70.6 (a)(3)(i)(B) - Periodic Monitoring Requirements]

[Rule 404 - *Particulate Matter Concentration*; Version in SIP = Current, 40 CFR 52.220(c)(42)(xiii)(A) - 12/21/78 43 FR 52489]

**CI. BAGHOUSE - DCL 45, MDAQMD permit number C001890, consisting of:**

A Mikropul Pulse Jet Model 6022 baghouse, with polyester bags totaling 1700 square feet of filter area, equipped with a fan producing 11,000 cfm of flow (for an air to cloth ratio of 6.5:1). This unit has pickup points at the 361 VA distribution box, 381 VA Feed bin to No. 1 Pebble Mill Packer, discharges from ELV 16 and 24, product hopper, and discharge ELV 22.

**Conditions for unit with permit number: C001890.**

1. The owner/operator (o/o) shall maintain this baghouse in strict accord with those recommendations of the manufacturer/supplier and/or sound engineering principles which produce the minimum emissions of air contaminants.
2. This baghouse shall operate concurrently with the equipment under valid District Permits B000669, B000624, B000670, B002310 and B000626.
3. The o/o shall conduct a minimum program of inspection and maintenance on this equipment. The o/o shall maintain current and on-site for five (5) years a log of the following information, which shall be provided to District personnel upon request:
  - a. Weekly baghouse stack observation date and result (using USEPA Method 22, and USEPA Method 9 if necessary);
  - b. Quarterly bag and bag suspension system inspection date and results;
  - c. Quarterly reading of baghouse pressure drop, date and value (if a manometer is present);
  - d. Date of bag replacements; and,
  - e. Date and nature of any system repairs.
4. This baghouse shall not discharge into the atmosphere an exhaust stream that exhibits greater than twenty percent opacity.
5. This baghouse shall discharge no more than 0.9 pounds per hour of PM<sub>10</sub> at a

maximum concentration of 0.01 grains/dscf at the operating conditions given in the above description (Rule 404). This equipment does not require a regularly scheduled emission compliance test. However, emission compliance testing may be required at the discretion of the District.

6. The o/o shall maintain on-site a minimum inventory of replacement bags that assures compliance with these conditions.
7. This unit shall be equipped with a device to measure the pressure differential across the bags (manometer), and the unit shall be operated at a minimum of one quarter (0.25) and a maximum of nine (9) inches of water column as determined by the pressure differential reading (manometer).

[Applies to all conditions above; Rule 204 - Permit Conditions; Version in SIP = CARB Ex. Order G-73, 40 CFR 52.220(c)(39)(ii)(B) - 11/09/78 43 FR 52237; Current Rule Version = 07/25/77]

[40 CFR 70.6(a)(3)(ii)(B); Rule 1203(D)(1)(d)(ii)]

[40 CFR 70.6 (a)(3)(i)(B) - Periodic Monitoring Requirements]

[Rule 404 - *Particulate Matter Concentration*; Version in SIP = Current, 40 CFR 52.220(c)(42)(xiii)(A) - 12/21/78 43 FR 52489]

**CJ. DUST SUPPRESSION SPRAY SYSTEM - DCL 81, MDAQMD permit number C002143, consisting of:**

an agent reservoir mixed with water at point of application, one low pressure pump with variable application rate capacity and the necessary piping, valving and nozzles to apply an aqueous surfactant to Feeder 031CR, Impactor 022CR, and Screen SCT06, which carries the product to stock piles.

**Conditions for unit with permit number: C002143.**

1. This equipment shall operate concurrently with the Limestone Crushing Plant, under valid District permit B000611 and the Stone Stockpile Loading Belt System (B000664).
2. The owner/operator, o/o, shall maintain this equipment in strict accord with the recommendations of the manufacturer.

[Applies to all conditions above; Rule 204 - Permit Conditions; Version in SIP = CARB Ex. Order G-73, 40 CFR 52.220(c)(39)(ii)(B) - 11/09/78 43 FR 52237; Current Rule Version = 07/25/77]

[Rule 404 - *Particulate Matter Concentration*; Version in SIP = Current, 40 CFR 52.220(c)(42)(xiii)(A) - 12/21/78 43 FR 52489]

[Rule 405 - *Solid Particulate Matter, Weight*; Version in SIP = Current, 40 CFR 52.220(c)(42)(xiii)(A) - 12/21/78 43 FR 52489]

**CK. BAGHOUSE - DCL 66, MDAQMD permit number C002328, consisting of:**

A DCE Vokes Model DLM-V8/7 baghouse, with polyester bags totaling 86 square feet of filter area, equipped with a fan producing 700 cfm of flow (for an air to cloth ratio of 8.1:1). This unit has a pickup point at the Discharge of Belt CBE 09.

**Conditions for unit with permit number: C002328.**

1. The owner/operator (o/o) shall maintain this baghouse in strict accord with those recommendations of the manufacturer/supplier and/or sound engineering principles which produce the minimum emissions of air contaminants.
2. This baghouse shall operate concurrently with the Limestone Crushing Plant under District Permit B000611.
3. The o/o shall conduct a minimum program of inspection and maintenance on this equipment. The o/o shall maintain current and on-site for five (5) years a log of the following information, which shall be provided to District personnel upon request:
  - a. Weekly baghouse stack observation date and result (using USEPA Method 22, and USEPA Method 9 if necessary);
  - b. Quarterly bag and bag suspension system inspection date and results;
  - c. Daily reading of baghouse pressure drop, date and value (if a manometer is present);
  - d. Date of bag replacements; and,
  - e. Date and nature of any system repairs.
4. This baghouse shall be operated in compliance with 40 CFR 60 Subpart OOO - Standards of Performance for Nonmetallic Mineral Processing Plants.
5. This baghouse shall not discharge into the atmosphere an exhaust stream that exhibits greater than seven percent opacity (40 CFR 60.672(a)).
6. This baghouse shall discharge no more than 0.13 pounds per hour of PM<sub>10</sub> at a maximum concentration of 0.022 grains/dscf at the operating conditions given in the above description (40 CFR 60.672(a)). This equipment does not require a regularly scheduled emission compliance test. However, emission compliance testing may be required at the discretion of the District.
7. The o/o shall maintain on-site a minimum inventory of replacement bags that assures compliance with these conditions.
8. This unit shall be equipped with a device to measure the pressure differential across the bags (manometer). In operation, the pressure differential shall be maintained within 3 and 8 inches water column.

[Applies to all conditions above; Rule 204 - Permit Conditions; Version in SIP = CARB Ex. Order G-73, 40 CFR 52.220(c)(39)(ii)(B) - 11/09/78 43 FR 52237; Current Rule Version = 07/25/77]

[40 CFR 70.6(a)(3)(ii)(B); Rule 1203(D)(1)(d)(ii)]

[40 CFR 70.6 (a)(3)(i)(B) - Periodic Monitoring Requirements]

[40 CFR 60.670 et seq - NSPS Subpart OOO]  
[40 CFR Part 64 – Compliance Assurance Monitoring]

**CL. BAGHOUSE - DCL 60, MDAQMD permit number C002329, consisting of:**

A Mikropul Pulse Jet Model 64S-8-20 baghouse, with polyester bags totaling 600 square feet of filter area and a 20 hp fan generating 3600 acfm through the bags (for an air to cloth ratio of 6:1). This baghouse serves the Drier Sizer System. This unit has the following pickup points: CBE21 (discharge hood), CBE23 (tail) and IMP02.

**Conditions for unit with permit number: C002329.**

1. The owner/operator (o/o) shall maintain this baghouse in strict accord with those recommendations of the manufacturer/supplier and/or sound engineering principles which produce the minimum emissions of air contaminants.
2. This baghouse shall operate concurrently with the Drier Sizer System (B000663).
3. The o/o shall conduct a minimum program of inspection and maintenance on this equipment. The o/o shall maintain current and on-site for five (5) years a log of the following information, which shall be provided to District personnel upon request:
  - a. Weekly baghouse stack observation date and result (using USEPA Method 22, and USEPA Method 9 if necessary);
  - b. Quarterly bag and bag suspension system inspection date and results;
  - c. Daily reading of baghouse pressure drop, date and value (if a manometer is present);
  - d. Date of bag replacements; and,
  - e. Date and nature of any system repairs.
4. This baghouse shall be operated in compliance with 40 CFR 60 Subpart OOO - Standards of Performance for Nonmetallic Mineral Processing Plants.
5. This baghouse shall not discharge into the atmosphere an exhaust stream that exhibits greater than seven percent opacity (40 CFR 60.672(a)).
6. This baghouse shall discharge no more than 0.31 pounds per hour of PM<sub>10</sub> at a maximum concentration of 0.01 grains/dscf at the operating conditions given in the above description (BACT). This equipment does not require a regularly scheduled emission compliance test. However, emission compliance testing may be required at the discretion of the District.
7. The o/o shall maintain on-site a minimum inventory of replacement bags that assures compliance with these conditions.
8. This unit shall be equipped with a device to measure the pressure differential across the bags (manometer). In operation, the pressure differential shall be maintained within 2.5 and 6.5 inches water column.

[Applies to all conditions above; Rule 204 - Permit Conditions; Version in SIP = CARB Ex. Order G-73, 40 CFR 52.220(c)(39)(ii)(B) - 11/09/78 43 FR 52237; Current Rule Version = 07/25/77]  
[40 CFR 70.6(a)(3)(ii)(B); Rule 1203(D)(1)(d)(ii)]  
[40 CFR 70.6 (a)(3)(i)(B) - Periodic Monitoring Requirements]  
[40 CFR 60.670 et seq - NSPS Subpart OOO]  
[Rule 1303 - *Requirements*; Version in SIP = as amended 3/25/96, 40 CFR 52.220(c)(239):(A)(1) - 11/13/96 61 FR 58133; current rule version = 9/24/01]  
[40 CFR Part 64 – Compliance Assurance Monitoring]

**CN. BAGHOUSE - DCL 61, MDAQMD permit number C002332, consisting of:**

A Mikropul Pulse Jet Model 49S-8-20 "B" baghouse, equipped with 49 8' L by 4.7" D polyester bags totaling 487 sq ft of filter area and a fan generating 2900 acfm through the bags (for an air to cloth ratio of 5.95 to 1). This baghouse serves the Blender Storage Bins. This unit serves the 650 ton 200M E-3 Silo 001BS.

**Conditions for unit with permit number: C002332.**

1. The owner/operator (o/o) shall maintain this baghouse in strict accord with those recommendations of the manufacturer/supplier and/or sound engineering principles which produce the minimum emissions of air contaminants.
2. This baghouse shall operate concurrently with the Test Ball Mill (B003635).
3. The o/o shall conduct a minimum program of inspection and maintenance on this equipment. The o/o shall maintain current and on-site for five (5) years a log of the following information, which shall be provided to District personnel upon request:
  - a. Weekly baghouse stack observation date and result (using USEPA Method 22, and USEPA Method 9 if necessary);
  - b. Quarterly bag and bag suspension system inspection date and results;
  - c. Quarterly reading of baghouse pressure drop, date and value (if a manometer is present);
  - d. Date of bag replacements; and,
  - e. Date and nature of any system repairs.
4. This baghouse shall be operated in compliance with 40 CFR 60 Subpart OOO - Standards of Performance for Nonmetallic Mineral Processing Plants.
5. This baghouse shall not discharge into the atmosphere an exhaust stream that exhibits greater than seven percent opacity (40 CFR 60.672(a)).
6. This baghouse shall discharge no more than 0.25 pounds per hour of PM<sub>10</sub> at a maximum concentration of 0.01 grains/dscf at the operating conditions given in the above description (BACT). This equipment does not require a regularly scheduled emission compliance test. However, emission compliance testing may

be required at the discretion of the District.

7. The o/o shall maintain on-site a minimum inventory of replacement bags that assures compliance with these conditions.

[Applies to all conditions above; Rule 204 - Permit Conditions; Version in SIP = CARB Ex. Order G-73, 40 CFR 52.220(c)(39)(ii)(B) - 11/09/78 43 FR 52237; Current Rule Version = 07/25/77]

[40 CFR 70.6(a)(3)(ii)(B); Rule 1203(D)(1)(d)(ii)]

[40 CFR 70.6 (a)(3)(i)(B) - Periodic Monitoring Requirements]

[40 CFR 60.670 et seq - NSPS Subpart OOO]

[Rule 1303 - *Requirements*; Version in SIP = as amended 3/25/96, 40 CFR 52.220(c)(239):(A)(1) - 11/13/96 61 FR 58133; current rule version = 9/24/01]

**CO. BAGHOUSE - DCL 09, MDAQMD permit number C002334, consisting of:**

A Mikropul Pulse Jet baghouse with polyester bags totaling 151 square feet of filter area and operating on 500 cfm of flow (for an air to cloth ratio of 3.3:1). This unit has a pickup point at the 650 ton W4 Bin.

**Conditions for unit with permit number: C002334.**

1. The owner/operator (o/o) shall maintain this baghouse in strict accord with those recommendations of the manufacturer/supplier and/or sound engineering principles which produce the minimum emissions of air contaminants.
2. This baghouse shall serve the Blender Storage Bins under District Permit T002320.
3. The o/o shall conduct a minimum program of inspection and maintenance on this equipment. The o/o shall maintain current and on-site for five (5) years a log of the following information, which shall be provided to District personnel upon request:
  - a. Weekly baghouse stack observation date and result (using USEPA Method 22, and USEPA Method 9 if necessary);
  - b. Quarterly bag and bag suspension system inspection date and results;
  - c. Quarterly reading of baghouse pressure drop, date and value (if a manometer is present);
  - d. Date of bag replacements; and,
  - e. Date and nature of any system repairs.
4. This baghouse shall be operated in compliance with 40 CFR 60 Subpart OOO - Standards of Performance for Nonmetallic Mineral Processing Plants.
5. This baghouse shall not discharge into the atmosphere an exhaust stream that exhibits greater than seven percent opacity (40 CFR 60.672(a)).
6. This baghouse shall discharge no more than 0.09 pounds per hour of PM<sub>10</sub> at a maximum concentration of 0.022 grains/dscf at the operating conditions given in

the above description (40 CFR 60.672(a)). This equipment does not require a regularly scheduled emission compliance test. However, emission compliance testing may be required at the discretion of the District.

7. The o/o shall maintain on-site a minimum inventory of replacement bags that assures compliance with these conditions.

[Applies to all conditions above; Rule 204 - Permit Conditions; Version in SIP = CARB Ex. Order G-73, 40 CFR 52.220(c)(39)(ii)(B) - 11/09/78 43 FR 52237; Current Rule Version = 07/25/77]

[40 CFR 70.6(a)(3)(ii)(B); Rule 1203(D)(1)(d)(ii)]

[40 CFR 70.6 (a)(3)(i)(B) - Periodic Monitoring Requirements]

[40 CFR 60.670 et seq - NSPS Subpart OOO]

**CP. BAGHOUSE - DCL 22, MDAQMD permit number C002338, consisting of:**

A Mikropul Pulse Jet baghouse equipped with 249 square feet of polyester bags operating on 1494 cfm (for an air to cloth ratio of 6:1). This unit has a pickup point at the #2 Pack Bin.

**Conditions for unit with permit number: C002338**

1. The owner/operator (o/o) shall maintain this baghouse in strict accord with those recommendations of the manufacturer/supplier and/or sound engineering principles which produce the minimum emissions of air contaminants.
2. This baghouse shall serve the Feed System to Blender Storage under District Permit B002303.
3. The o/o shall conduct a minimum program of inspection and maintenance on this equipment. The o/o shall maintain current and on-site for five (5) years a log of the following information, which shall be provided to District personnel upon request:
  - a. Weekly baghouse stack observation date and result (using USEPA Method 22, and USEPA Method 9 if necessary);
  - b. Quarterly bag and bag suspension system inspection date and results;
  - c. Quarterly reading of baghouse pressure drop, date and value (if a manometer is present);
  - d. Date of bag replacements; and,
  - e. Date and nature of any system repairs.
4. This baghouse shall be operated in compliance with 40 CFR 60 Subpart OOO - Standards of Performance for Nonmetallic Mineral Processing Plants.
5. This baghouse shall not discharge into the atmosphere an exhaust stream that exhibits greater than seven percent opacity (40 CFR 60.672(a)).
6. This baghouse shall discharge no more than 0.28 pounds per hour of PM<sub>10</sub> at a maximum concentration of 0.022 grains/dscf at the operating conditions given in

the above description (40 CFR 60.672(a)). This equipment does not require a regularly scheduled emission compliance test. However, emission compliance testing may be required at the discretion of the District.

7. The o/o shall maintain on-site a minimum inventory of replacement bags that assures compliance with these conditions.

[Applies to all conditions above; Rule 204 - Permit Conditions; Version in SIP = CARB Ex. Order G-73, 40 CFR 52.220(c)(39)(ii)(B) - 11/09/78 43 FR 52237; Current Rule Version = 07/25/77]

[40 CFR 70.6(a)(3)(ii)(B); Rule 1203(D)(1)(d)(ii)]

[40 CFR 70.6 (a)(3)(i)(B) - Periodic Monitoring Requirements]

[40 CFR 60.670 et seq - NSPS Subpart OOO]

**CO. BAGHOUSE - DCL 44, MDAQMD permit number C002340, consisting of:**

A Mikropul Pulse Jet baghouse, with polyester bags totaling 236 square feet of filter area and a fan producing 1600 cfm of flow (for an air to cloth ratio of 4.24:1). This unit has pickup points at CBE 56 and CBE 57.

**Conditions for unit with permit number: C002340.**

1. The owner/operator (o/o) shall maintain this baghouse in strict accord with those recommendations of the manufacturer/supplier and/or sound engineering principles which produce the minimum emissions of air contaminants.
2. This baghouse shall operate concurrently with the Glass San Feed System (B000667).
3. The o/o shall conduct a minimum program of inspection and maintenance on this equipment. The o/o shall maintain current and on-site for five (5) years a log of the following information, which shall be provided to District personnel upon request:
  - a. Weekly baghouse stack observation date and result (using USEPA Method 22, and USEPA Method 9 if necessary);
  - b. Quarterly bag and bag suspension system inspection date and results;
  - c. Quarterly reading of baghouse pressure drop, date and value (if a manometer is present);
  - d. Date of bag replacements; and,
  - e. Date and nature of any system repairs.
4. This baghouse shall be operated in compliance with 40 CFR 60 Subpart OOO - Standards of Performance for Nonmetallic Mineral Processing Plants.
5. This baghouse shall not discharge into the atmosphere an exhaust stream that exhibits greater than seven percent opacity (40 CFR 60.672(a)).
6. This baghouse shall discharge no more than 0.14 pounds per hour of PM<sub>10</sub> at a maximum concentration of 0.01 grains/dscf at the operating conditions given in

the above description (BACT). This equipment does not require a regularly scheduled emission compliance test. However, emission compliance testing may be required at the discretion of the District.

7. The o/o shall maintain on-site a minimum inventory of replacement bags that assures compliance with these conditions.

[Applies to all conditions above; Rule 204 - Permit Conditions; Version in SIP = CARB Ex. Order G-73, 40 CFR 52.220(c)(39)(ii)(B) - 11/09/78 43 FR 52237; Current Rule Version = 07/25/77]

[40 CFR 70.6(a)(3)(ii)(B); Rule 1203(D)(1)(d)(ii)]

[40 CFR 70.6 (a)(3)(i)(B) - Periodic Monitoring Requirements]

[40 CFR 60.670 et seq - NSPS Subpart OOO]

[Rule 1303 - *Requirements*; Version in SIP = as amended 3/25/96, 40 CFR

52.220(c)(239)(:)(A)(1) - 11/13/96 61 FR 58133; current rule version = 9/24/01]

**CR. BAGHOUSE - DCL 64, MDAQMD permit number C002341, consisting of:**

A DCE Volkes Pulse Jet Model DLM-V8/7 baghouse, equipped with 12 polyester bags (86 square feet of area) and a fan generating 700 ACFM (for an air to cloth ratio of 8.1:1). This device vents the discharge from CBE 57 to the 500 ton Glass Sand Bin.

**Conditions for unit with permit number: C002341.**

1. The owner/operator (o/o) shall maintain this baghouse in strict accord with those recommendations of the manufacturer/supplier and/or sound engineering principles which produce the minimum emissions of air contaminants.
2. This baghouse shall operate concurrently with the feed to Bin L101, as applicable.
3. The o/o shall conduct a minimum program of inspection and maintenance on this equipment. The o/o shall maintain current and on-site for five (5) years a log of the following information, which shall be provided to District personnel upon request:
  - a. Weekly baghouse stack observation date and result (using USEPA Method 22, and USEPA Method 9 if necessary);
  - b. Quarterly bag and bag suspension system inspection date and results;
  - c. Quarterly reading of baghouse pressure drop, date and value (if a manometer is present);
  - d. Date of bag replacements; and,
  - e. Date and nature of any system repairs.
4. This baghouse shall be operated in compliance with 40 CFR 60 Subpart OOO - Standards of Performance for Nonmetallic Mineral Processing Plants.
5. This baghouse shall not discharge into the atmosphere an exhaust stream that exhibits greater than seven percent opacity (40 CFR 60.672(a)).
6. This baghouse shall discharge no more than 0.06 pounds per hour of PM<sub>10</sub> at a

maximum concentration of 0.01 grains/dscf at the operating conditions given in the above description (BACT). This equipment does not require a regularly scheduled emission compliance test. However, emission compliance testing may be required at the discretion of the District.

7. The o/o shall maintain on-site a minimum inventory of replacement bags that assures compliance with these conditions.

[Applies to all conditions above; Rule 204 - Permit Conditions; Version in SIP = CARB Ex. Order G-73, 40 CFR 52.220(c)(39)(ii)(B) - 11/09/78 43 FR 52237; Current Rule Version = 07/25/77]

[40 CFR 70.6(a)(3)(ii)(B); Rule 1203(D)(1)(d)(ii)]

[40 CFR 70.6 (a)(3)(i)(B) - Periodic Monitoring Requirements]

[40 CFR 60.670 et seq - NSPS Subpart OOO]

[Rule 1303 - *Requirements*; Version in SIP = as amended 3/25/96, 40 CFR

52.220(c)(239)(:)(A)(1) - 11/13/96 61 FR 58133; current rule version = 9/24/01]

**CS. BAGHOUSE - DCL 47, MDAQMD permit number C002343, consisting of:**

A Mikropul Pulse Jet Model 25S-8 baghouse, with 25 polyester bags totaling 236 square feet of filter area and a fan producing 2500 cfm of flow (for an air to cloth ratio of 6.8:1). This unit has a pickup point at the drop to and discharge from CBE 38.

**Conditions for unit with permit number: C002343.**

1. The owner/operator (o/o) shall maintain this baghouse in strict accord with those recommendations of the manufacturer/supplier and/or sound engineering principles which produce the minimum emissions of air contaminants.
2. This baghouse shall operate concurrently with the Truck/Railcar Loadout (B000607).
3. The o/o shall conduct a minimum program of inspection and maintenance on this equipment. The o/o shall maintain current and on-site for five (5) years a log of the following information, which shall be provided to District personnel upon request:
  - a. Weekly baghouse stack observation date and result (using USEPA Method 22, and USEPA Method 9 if necessary);
  - b. Quarterly bag and bag suspension system inspection date and results;
  - c. Quarterly reading of baghouse pressure drop, date and value (if a manometer is present);
  - d. Date of bag replacements; and,
  - e. Date and nature of any system repairs.
4. This baghouse shall be operated in compliance with 40 CFR 60 Subpart OOO - Standards of Performance for Nonmetallic Mineral Processing Plants.
5. This baghouse shall not discharge into the atmosphere an exhaust stream that

- exhibits greater than seven percent opacity (40 CFR 60.672(a)).
6. This baghouse shall discharge no more than 0.21 pounds per hour of PM<sub>10</sub> at a maximum concentration of 0.01 grains/dscf at the operating conditions given in the above description (BACT). This equipment does not require a regularly scheduled emission compliance test. However, emission compliance testing may be required at the discretion of the District.
  7. The o/o shall maintain on-site a minimum inventory of replacement bags that assures compliance with these conditions.

[Applies to all conditions above; Rule 204 - Permit Conditions; Version in SIP = CARB Ex. Order G-73, 40 CFR 52.220(c)(39)(ii)(B) - 11/09/78 43 FR 52237; Current Rule Version = 07/25/77]

[40 CFR 70.6(a)(3)(ii)(B); Rule 1203(D)(1)(d)(ii)]

[40 CFR 70.6 (a)(3)(i)(B) - Periodic Monitoring Requirements]

[40 CFR 60.670 et seq - NSPS Subpart OOO]

[Rule 1303 - *Requirements*; Version in SIP = as amended 3/25/96, 40 CFR 52.220(c)(239):(A)(1) - 11/13/96 61 FR 58133; current rule version = 9/24/01]

**CT. BAGHOUSE - DCL 16, MDAQMD permit number C002344, consisting of:**

A Mikropul Pulse Jet Model 36-S-8 baghouse, with polyester bags totaling 339 square feet of filter area and a bin vent operating on 1186 cfm of flow (for an air to cloth ratio of 3.5:1). This unit has a pickup point at the NE 65 ton Bin.

**Conditions for unit with permit number: C002344.**

1. The owner/operator (o/o) shall maintain this baghouse in strict accord with those recommendations of the manufacturer/supplier and/or sound engineering principles which produce the minimum emissions of air contaminants.
2. This baghouse shall serve the Blender Loadout Storage Silos under District Permit T002322.
3. The o/o shall conduct a minimum program of inspection and maintenance on this equipment. The o/o shall maintain current and on-site for five (5) years a log of the following information, which shall be provided to District personnel upon request:
  - a. Weekly baghouse stack observation date and result (using USEPA Method 22, and USEPA Method 9 if necessary);
  - b. Quarterly bag and bag suspension system inspection date and results;
  - c. Quarterly reading of baghouse pressure drop, date and value (if a manometer is present);
  - d. Date of bag replacements; and,
  - e. Date and nature of any system repairs.
4. This baghouse shall not discharge into the atmosphere an exhaust stream that

- exhibits greater than twenty percent opacity.
5. This baghouse shall discharge no more than 0.1 pounds per hour of PM<sub>10</sub> at a maximum concentration of 0.01 grains/dscf at the operating conditions given in the above description (Rule 404). This equipment does not require a regularly scheduled emission compliance test. However, emission compliance testing may be required at the discretion of the District.
  6. The o/o shall maintain on-site a minimum inventory of replacement bags that assures compliance with these conditions.

[Applies to all conditions above; Rule 204 - Permit Conditions; Version in SIP = CARB Ex. Order G-73, 40 CFR 52.220(c)(39)(ii)(B) - 11/09/78 43 FR 52237; Current Rule Version = 07/25/77]

[40 CFR 70.6(a)(3)(ii)(B); Rule 1203(D)(1)(d)(ii)]

[40 CFR 70.6 (a)(3)(i)(B) - Periodic Monitoring Requirements]

[Rule 404 - *Particulate Matter Concentration*; Version in SIP = Current, 40 CFR 52.220(c)(42)(xiii)(A) - 12/21/78 43 FR 52489]

**CU. BAGHOUSE - DCL 52, MDAQMD permit number C002346, consisting of:**

A Mikropul Pulse Jet baghouse with polyester bags totaling 1700 square feet of filter area and a fan producing 2040 cfm of flow (for an air to cloth ratio of 1.2:1). This unit has a pickup point at the Pressure Lines-Fans TC 102/TC 202 via valves TC 105/TC 205.

**Conditions for unit with permit number: C002346.**

1. The owner/operator (o/o) shall maintain this baghouse in strict accord with those recommendations of the manufacturer/supplier and/or sound engineering principles which produce the minimum emissions of air contaminants.
2. This baghouse shall operate concurrently with the No. 1 Turbo System and No. 2 Turbo System, under valid District Permits B002311 and B002313 respectively.
3. The o/o shall conduct a minimum program of inspection and maintenance on this equipment. The o/o shall maintain current and on-site for five (5) years a log of the following information, which shall be provided to District personnel upon request:
  - a. Weekly baghouse stack observation date and result (using USEPA Method 22, and USEPA Method 9 if necessary);
  - b. Quarterly bag and bag suspension system inspection date and results;
  - c. Quarterly reading of baghouse pressure drop, date and value (if a manometer is present);
  - d. Date of bag replacements; and,
  - e. Date and nature of any system repairs.
4. This baghouse shall be operated in compliance with 40 CFR 60 Subpart OOO - Standards of Performance for Nonmetallic Mineral Processing Plants.

5. This baghouse shall not discharge into the atmosphere an exhaust stream that exhibits greater than seven percent opacity (40 CFR 60.672(a)).
6. This baghouse shall discharge no more than 0.38 pounds per hour of PM<sub>10</sub> at a maximum concentration of 0.022 grains/dscf at the operating conditions given in the above description (40 CFR 60.672(a)). This equipment does not require a regularly scheduled emission compliance test. However, emission compliance testing may be required at the discretion of the District.
7. The o/o shall maintain on-site a minimum inventory of replacement bags that assures compliance with these conditions.

[Applies to all conditions above; Rule 204 - Permit Conditions; Version in SIP = CARB Ex. Order G-73, 40 CFR 52.220(c)(39)(ii)(B) - 11/09/78 43 FR 52237; Current Rule Version = 07/25/77]

[40 CFR 70.6(a)(3)(ii)(B); Rule 1203(D)(1)(d)(ii)]

[40 CFR 70.6 (a)(3)(i)(B) - Periodic Monitoring Requirements]

[40 CFR 60.670 et seq - NSPS Subpart OOO]

**CV. BAGHOUSE - DCL 62, MDAQMD permit number C002347, consisting of:**

A Mikropul Pulse Jet Model 165-8-30 baghouse with polyester bags totaling 151 square feet of filter area and a fan producing 1600 cfm of flow (for an air to cloth ratio of 10.6:1). This unit has as its pickup points the discharges from the air slides AS170 and AS171.

**Conditions for unit with permit number: C002347.**

1. The owner/operator (o/o) shall maintain this baghouse in strict accord with those recommendations of the manufacturer/supplier and/or sound engineering principles which produce the minimum emissions of air contaminants.
2. This baghouse shall operate concurrently with the Hi-Pflex Loadout System under valid District Permit B000609.
3. The o/o shall conduct a minimum program of inspection and maintenance on this equipment. The o/o shall maintain current and on-site for five (5) years a log of the following information, which shall be provided to District personnel upon request:
  - a. Weekly baghouse stack observation date and result (using USEPA Method 22, and USEPA Method 9 if necessary);
  - b. Quarterly bag and bag suspension system inspection date and results;
  - c. Quarterly reading of baghouse pressure drop, date and value (if a manometer is present);
  - d. Date of bag replacements; and,
  - e. Date and nature of any system repairs.
4. This baghouse shall be operated in compliance with 40 CFR 60 Subpart OOO -

Standards of Performance for Nonmetallic Mineral Processing Plants.

5. This baghouse shall not discharge into the atmosphere an exhaust stream that exhibits greater than seven percent opacity (40 CFR 60.672(a)).
6. This baghouse shall discharge no more than 0.30 pounds per hour of PM<sub>10</sub> at a maximum concentration of 0.022 grains/dscf at the operating conditions given in the above description (40 CFR 60.672(a)). This equipment does not require a regularly scheduled emission compliance test. However, emission compliance testing may be required at the discretion of the District.
7. The o/o shall maintain on-site a minimum inventory of replacement bags that assures compliance with these conditions.

[Applies to all conditions above; Rule 204 - Permit Conditions; Version in SIP = CARB Ex. Order G-73, 40 CFR 52.220(c)(39)(ii)(B) - 11/09/78 43 FR 52237; Current Rule Version = 07/25/77]

[40 CFR 70.6(a)(3)(ii)(B); Rule 1203(D)(1)(d)(ii)]

[40 CFR 70.6 (a)(3)(i)(B) - Periodic Monitoring Requirements]

[40 CFR 60.670 et seq - NSPS Subpart OOO]

**CW. BAGHOUSE - DCL 24, MDAQMD permit number C002348, consisting of:**

A Mikropul Pulse Jet baghouse with polyester bags totaling 84 square feet of filter area and a fan producing 1000 cfm of flow (for an air to cloth ratio of 11.9:1). This unit has a pickup point at the top of Silo 10-20 of 151 HX twin.

**Conditions for unit with permit number: C002348.**

1. The owner/operator (o/o) shall maintain this baghouse in strict accord with those recommendations of the manufacturer/supplier and/or sound engineering principles which produce the minimum emissions of air contaminants.
2. This baghouse shall operate concurrently with the Hi-Pflex Feed Silos under District Permit T000640.
3. The o/o shall conduct a minimum program of inspection and maintenance on this equipment. The o/o shall maintain current and on-site for five (5) years a log of the following information, which shall be provided to District personnel upon request:
  - a. Weekly baghouse stack observation date and result (using USEPA Method 22, and USEPA Method 9 if necessary);
  - b. Quarterly bag and bag suspension system inspection date and results;
  - c. Quarterly reading of baghouse pressure drop, date and value (if a manometer is present);
  - d. Date of bag replacements; and,
  - e. Date and nature of any system repairs.
4. This baghouse shall not discharge into the atmosphere an exhaust stream that

- exhibits greater than twenty percent opacity.
5. This baghouse shall discharge no more than 0.1 pounds per hour of PM<sub>10</sub> at a maximum concentration of 0.01 grains/dscf at the operating conditions given in the above description (Rule 404). This equipment does not require a regularly scheduled emission compliance test. However, emission compliance testing may be required at the discretion of the District.
  6. The o/o shall maintain on-site a minimum inventory of replacement bags that assures compliance with these conditions.

[Applies to all conditions above; Rule 204 - Permit Conditions; Version in SIP = CARB Ex. Order G-73, 40 CFR 52.220(c)(39)(ii)(B) - 11/09/78 43 FR 52237; Current Rule Version = 07/25/77]

[40 CFR 70.6(a)(3)(ii)(B); Rule 1203(D)(1)(d)(ii)]

[40 CFR 70.6 (a)(3)(i)(B) - Periodic Monitoring Requirements]

[Rule 404 - *Particulate Matter Concentration*; Version in SIP = Current, 40 CFR 52.220(c)(42)(xiii)(A) - 12/21/78 43 FR 52489]

**CX. BAGHOUSE - DCL 50, MDAQMD permit number C002349, consisting of:**

A Mikropul Pulse Jet Model 25S-820 baghouse, with 25 polyester bags totaling 236 square feet of filter area and a fan producing 1500 cfm of flow (for an air to cloth ratio of 6.4:1). This unit has a pickup point at the 10/2 Bin L-209.

**Conditions for unit with permit number: C002349.**

1. The owner/operator (o/o) shall maintain this baghouse in strict accord with those recommendations of the manufacturer/supplier and/or sound engineering principles which produce the minimum emissions of air contaminants.
2. This baghouse shall operate concurrently with the 10/2 Vicron Storage Bin under valid District Permit T002326.
3. The o/o shall conduct a minimum program of inspection and maintenance on this equipment. The o/o shall maintain current and on-site for five (5) years a log of the following information, which shall be provided to District personnel upon request:
  - a. Weekly baghouse stack observation date and result (using USEPA Method 22, and USEPA Method 9 if necessary);
  - b. Quarterly bag and bag suspension system inspection date and results;
  - c. Quarterly reading of baghouse pressure drop, date and value (if a manometer is present);
  - d. Date of bag replacements; and,
  - e. Date and nature of any system repairs.
4. This baghouse shall be operated in compliance with 40 CFR 60 Subpart OOO - Standards of Performance for Nonmetallic Mineral Processing Plants.

5. This baghouse shall not discharge into the atmosphere an exhaust stream that exhibits greater than seven percent opacity (40 CFR 60.672(a)).
6. This baghouse shall discharge no more than 0.28 pounds per hour of PM<sub>10</sub> at a maximum concentration of 0.022 grains/dscf at the operating conditions given in the above description (40 CFR 60.672(a)). This equipment does not require a regularly scheduled emission compliance test. However, emission compliance testing may be required at the discretion of the District.
7. The o/o shall maintain on-site a minimum inventory of replacement bags that assures compliance with these conditions.

[Applies to all conditions above; Rule 204 - Permit Conditions; Version in SIP = CARB Ex. Order G-73, 40 CFR 52.220(c)(39)(ii)(B) - 11/09/78 43 FR 52237; Current Rule Version = 07/25/77]

[40 CFR 70.6(a)(3)(ii)(B); Rule 1203(D)(1)(d)(ii)]

[40 CFR 70.6 (a)(3)(i)(B) - Periodic Monitoring Requirements]

[40 CFR 60.670 et seq - NSPS Subpart OOO]

**CY. BAGHOUSE - DCL 72 (METSTONE RAIL/TRUCK LOADOUTS), MDAQMD permit number C002396, consisting of:**

A baghouse with 16 polyester bags totaling 188 square feet of filter area and a fan producing 940 cfm (for an air to cloth ratio of 5:1).

**Conditions for unit with permit number: C002396.**

1. The owner/operator (o/o) shall maintain this baghouse in strict accord with those recommendations of the manufacturer/supplier and/or sound engineering principles which produce the minimum emissions of air contaminants.
2. This baghouse shall operate concurrently with the 10/2 Vicron Storage Bin under valid District Permit T002326.
3. The o/o shall conduct a minimum program of inspection and maintenance on this equipment. The o/o shall maintain current and on-site for five (5) years a log of the following information, which shall be provided to District personnel upon request:
  - a. Weekly baghouse stack observation date and result (using USEPA Method 22, and USEPA Method 9 if necessary);
  - b. Quarterly bag and bag suspension system inspection date and results;
  - c. Quarterly reading of baghouse pressure drop, date and value (if a manometer is present);
  - d. Date of bag replacements; and,
  - e. Date and nature of any system repairs.
4. This baghouse shall be operated in compliance with 40 CFR 60 Subpart OOO - Standards of Performance for Nonmetallic Mineral Processing Plants.

5. This baghouse shall not discharge into the atmosphere an exhaust stream that exhibits greater than seven percent opacity (40 CFR 60.672(a)).
6. This baghouse shall discharge no more than 0.18 pounds per hour of PM<sub>10</sub> at a maximum concentration of 0.022 grains/dscf at the operating conditions given in the above description (40 CFR 60.672(a)). This equipment does not require a regularly scheduled emission compliance test. However, emission compliance testing may be required at the discretion of the District.
7. The o/o shall maintain on-site a minimum inventory of replacement bags that assures compliance with these conditions.

[Applies to all conditions above; Rule 204 - Permit Conditions; Version in SIP = CARB Ex. Order G-73, 40 CFR 52.220(c)(39)(ii)(B) - 11/09/78 43 FR 52237; Current Rule Version = 07/25/77]

[40 CFR 70.6(a)(3)(ii)(B); Rule 1203(D)(1)(d)(ii)]

[40 CFR 70.6 (a)(3)(i)(B) - Periodic Monitoring Requirements]

[40 CFR 60.670 et seq - NSPS Subpart OOO]

**CZ. BAGHOUSE - DCL 71, MDAQMD permit number C002397, consisting of:**

A DCE Syntamatic baghouse, with bags or cartridges totaling a minimum 75 square feet of filter area and a fan producing 900 cfm of flow (for a maximum air to cloth ratio of 12.0:1). This unit has pickup points at the Screens/Conveyor Belts CBE 10 and Fines Storage Tank T002317.

**Conditions for unit with permit number: C002397.**

1. The owner/operator (o/o) shall maintain this baghouse in strict accord with those recommendations of the manufacturer/supplier and/or sound engineering principles which produce the minimum emissions of air contaminants.
2. This baghouse shall operate concurrently with the Screens/Conveyor Belts CBE 10 and Fines Storage Tank T002317 under valid District permit B000611.
3. The o/o shall conduct a minimum program of inspection and maintenance on this equipment. The o/o shall maintain current and on-site for five (5) years a log of the following information, which shall be provided to District personnel upon request:
  - a. Weekly baghouse stack observation date and result (using USEPA Method 22, and USEPA Method 9 if necessary);
  - b. Quarterly bag and bag suspension system inspection date and results;
  - c. Daily reading of baghouse pressure drop, date and value (if a manometer is present);
  - d. Date of bag replacements; and,
  - e. Date and nature of any system repairs.
4. This baghouse shall be operated in compliance with 40 CFR 60 Subpart OOO -

Standards of Performance for Nonmetallic Mineral Processing Plants.

5. This baghouse shall not discharge into the atmosphere an exhaust stream that exhibits greater than seven percent opacity (40 CFR 60.672(a)).
6. This baghouse shall discharge no more than 0.08 pounds per hour of PM<sub>10</sub> at a maximum concentration of 0.01 grains/dscf at the operating conditions given in the above description (BACT). This equipment does not require a regularly scheduled emission compliance test. However, emission compliance testing may be required at the discretion of the District.
7. The o/o shall maintain on-site a minimum inventory of replacement bags/filter cartridges that assures compliance with these conditions.
8. This unit shall be equipped with a device to measure the pressure differential across the bags (manometer). In operation, the pressure differential shall be maintained within 5 and 9 inches water column.

[Applies to all conditions above; Rule 204 - Permit Conditions; Version in SIP = CARB Ex. Order G-73, 40 CFR 52.220(c)(39)(ii)(B) - 11/09/78 43 FR 52237; Current Rule Version = 07/25/77]

[40 CFR 70.6(a)(3)(ii)(B); Rule 1203(D)(1)(d)(ii)]

[40 CFR 70.6 (a)(3)(i)(B) - Periodic Monitoring Requirements]

[40 CFR 60.670 et seq - NSPS Subpart OOO]

[Rule 1303 - *Requirements*; Version in SIP = as amended 3/25/96, 40 CFR 52.220(c)(239)(:)(A)(1) - 11/13/96 61 FR 58133; current rule version = 9/24/01]

[40 CFR Part 64 – Compliance Assurance Monitoring]

**DA. BAGHOUSE - DCL 78, MDAQMD permit number C003018, consisting of:**

A Mikro-Pulsair Reverse Pulse Jet Model 19-10 baghouse, with 19 uncoated polyester bags totaling 224 square feet of filter area and a fan producing 875 cfm of flow (for an air to cloth ratio of 3.9:1). This unit has a pickup point at KEK Sifters.

**Conditions for unit with permit number: C003018.**

1. The owner/operator (o/o) shall maintain this baghouse in strict accord with those recommendations of the manufacturer/supplier and/or sound engineering principles which produce the minimum emissions of air contaminants.
2. This baghouse shall operate concurrently with the Pebble Mill No. 2 under valid District Permit B000670.
3. The o/o shall conduct a minimum program of inspection and maintenance on this equipment. The o/o shall maintain current and on-site for five (5) years a log of the following information, which shall be provided to District personnel upon request:
  - a. Weekly baghouse stack observation date and result (using USEPA Method 22,

- and USEPA Method 9 if necessary);
- b. Quarterly bag and bag suspension system inspection date and results;
  - c. Quarterly reading of baghouse pressure drop, date and value (if a manometer is present);
  - d. Date of bag replacements; and,
  - e. Date and nature of any system repairs.
4. This baghouse shall be operated in compliance with 40 CFR 60 Subpart OOO - Standards of Performance for Nonmetallic Mineral Processing Plants.
  5. This baghouse shall not discharge into the atmosphere an exhaust stream that exhibits greater than seven percent opacity (40 CFR 60.672(a)).
  6. This baghouse shall discharge no more than 0.17 pounds per hour of PM<sub>10</sub> at a maximum concentration of 0.022 grains/dscf at the operating conditions given in the above description (40 CFR 60.672(a)). This equipment does not require a regularly scheduled emission compliance test. However, emission compliance testing may be required at the discretion of the District.
  7. The o/o shall maintain on-site a minimum inventory of replacement bags that assures compliance with these conditions.

[Applies to all conditions above; Rule 204 - Permit Conditions; Version in SIP = CARB Ex. Order G-73, 40 CFR 52.220(c)(39)(ii)(B) - 11/09/78 43 FR 52237; Current Rule Version = 07/25/77]

[40 CFR 70.6(a)(3)(ii)(B); Rule 1203(D)(1)(d)(ii)]

[40 CFR 70.6 (a)(3)(i)(B) - Periodic Monitoring Requirements]

[40 CFR 60.670 et seq - NSPS Subpart OOO]

**DB. BAGHOUSE - DCL 74, MDAQMD permit number C003039, consisting of:**

A Mikropul Pulse Jet Model 81S-8-20 "C" baghouse, with untreated polyester bags totaling 763 square feet of filter area and a fan producing 4500 cfm of flow (for an air to cloth ratio of 5.9:1). This unit has a pickup point at the No. 6 Raymond Mill (Evacuation Dust Collector).

**Conditions for unit with permit number: C003039.**

1. The owner/operator (o/o) shall maintain this baghouse in strict accord with those recommendations of the manufacturer/supplier and/or sound engineering principles which produce the minimum emissions of air contaminants.
2. This baghouse shall operate concurrently with the Raymond Mill No. 6 (Evacuation Collector) under valid District Permit B003038.
3. The o/o shall conduct a minimum program of inspection and maintenance on this equipment. The o/o shall maintain current and on-site for five (5) years a log of the following information, which shall be provided to District personnel upon request:

- a. Weekly baghouse stack observation date and result (using USEPA Method 22, and USEPA Method 9 if necessary);
  - b. Quarterly bag and bag suspension system inspection date and results;
  - c. Quarterly reading of baghouse pressure drop, date and value (if a manometer is present);
  - d. Date of bag replacements; and,
  - e. Date and nature of any system repairs.
4. This baghouse shall be operated in compliance with 40 CFR 60 Subpart OOO - Standards of Performance for Nonmetallic Mineral Processing Plants.
  5. This baghouse shall not discharge into the atmosphere an exhaust stream that exhibits greater than seven percent opacity (40 CFR 60.672(a)).
  6. This baghouse shall discharge no more than 0.85 pounds per hour of PM<sub>10</sub> at a maximum concentration of 0.022 grains/dscf at the operating conditions given in the above description (40 CFR 60.672(a)). This equipment does not require a regularly scheduled emission compliance test. However, emission compliance testing may be required at the discretion of the District.
  7. The o/o shall maintain on-site a minimum inventory of replacement bags that assures compliance with these conditions.

[Applies to all conditions above; Rule 204 - Permit Conditions; Version in SIP = CARB Ex. Order G-73, 40 CFR 52.220(c)(39)(ii)(B) - 11/09/78 43 FR 52237; Current Rule Version = 07/25/77]

[40 CFR 70.6(a)(3)(ii)(B); Rule 1203(D)(1)(d)(ii)]

[40 CFR 70.6 (a)(3)(i)(B) - Periodic Monitoring Requirements]

[40 CFR 60.670 et seq - NSPS Subpart OOO]

**DC. BAGHOUSE - DCL 73, MDAQMD permit number C003040, consisting of:**

A Mikropul Pulse Jet Model 81S-8-20 "C" baghouse, with untreated polyester bags totaling 763 square feet of filter area and a fan producing 4500 cfm of flow (for an air to cloth ratio of 5.9:1). This unit has pickup points at the No. 6 Raymond Mill Feed Bin & Product Hopper.

**Conditions for unit with permit number: C003040.**

1. The owner/operator (o/o) shall maintain this baghouse in strict accord with those recommendations of the manufacturer/supplier and/or sound engineering principles which produce the minimum emissions of air contaminants.
2. This baghouse shall operate concurrently with the Raymond Mill No. 6 Feed Bin and Product Hopper under valid District Permit B003038.
3. The o/o shall conduct a minimum program of inspection and maintenance on this equipment. The o/o shall maintain current and on-site for five (5) years a log of the following information, which shall be provided to District personnel upon

request:

- a. Weekly baghouse stack observation date and result (using USEPA Method 22, and USEPA Method 9 if necessary);
  - b. Quarterly bag and bag suspension system inspection date and results;
  - c. Quarterly reading of baghouse pressure drop, date and value (if a manometer is present);
  - d. Date of bag replacements; and,
  - e. Date and nature of any system repairs.
4. This baghouse shall be operated in compliance with 40 CFR 60 Subpart OOO - Standards of Performance for Nonmetallic Mineral Processing Plants.
  5. This baghouse shall not discharge into the atmosphere an exhaust stream that exhibits greater than seven percent opacity (40 CFR 60.672(a)).
  6. This baghouse shall discharge no more than 0.85 pounds per hour of PM<sub>10</sub> at a maximum concentration of 0.022 grains/dscf at the operating conditions given in the above description (40 CFR 60.672(a)). This equipment does not require a regularly scheduled emission compliance test. However, emission compliance testing may be required at the discretion of the District.
  7. The o/o shall maintain on-site a minimum inventory of replacement bags that assures compliance with these conditions.

[Applies to all conditions above; Rule 204 - Permit Conditions; Version in SIP = CARB Ex. Order G-73, 40 CFR 52.220(c)(39)(ii)(B) - 11/09/78 43 FR 52237; Current Rule Version = 07/25/77]

[40 CFR 70.6(a)(3)(ii)(B); Rule 1203(D)(1)(d)(ii)]

[40 CFR 70.6 (a)(3)(i)(B) - Periodic Monitoring Requirements]

[40 CFR 60.670 et seq - NSPS Subpart OOO]

**DD. BAGHOUSE - DCL 63, MDAQMD permit number C003257, consisting of:**

A MikroPul Model 81-S-8-20 "C" baghouse, with polyester bags totaling 763 square feet of filter area operating on 6500 cfm of flow (for an air to cloth ratio of 8:1).

**Conditions for unit with permit number: C003257.**

1. The owner/operator (o/o) shall maintain this baghouse in strict accord with those recommendations of the manufacturer/supplier and/or sound engineering principles which produce the minimum emissions of air contaminants.
2. This baghouse shall serve the Storage - Blender 65 Ton Loadout Silos, NW Silo, under valid District permit T002322.
3. The o/o shall conduct a minimum program of inspection and maintenance on this equipment. The o/o shall maintain current and on-site for five (5) years a log of the following information, which shall be provided to District personnel upon request:

- a. Weekly baghouse stack observation date and result (using USEPA Method 22, and USEPA Method 9 if necessary);
  - b. Quarterly bag and bag suspension system inspection date and results;
  - c. Quarterly reading of baghouse pressure drop, date and value (if a manometer is present);
  - d. Date of bag replacements; and,
  - e. Date and nature of any system repairs.
4. This baghouse shall not discharge into the atmosphere an exhaust stream that exhibits greater than twenty percent opacity.
  5. This baghouse shall discharge no more than 0.6 pounds per hour of PM<sub>10</sub> at a maximum concentration of 0.01 grains/dscf at the operating conditions given in the above description (Rule 404). This equipment does not require a regularly scheduled emission compliance test. However, emission compliance testing may be required at the discretion of the District.
  6. The o/o shall maintain on-site a minimum inventory of replacement bags that assures compliance with these conditions.

[Applies to all conditions above; Rule 204 - Permit Conditions; Version in SIP = CARB Ex. Order G-73, 40 CFR 52.220(c)(39)(ii)(B) - 11/09/78 43 FR 52237; Current Rule Version = 07/25/77]

[40 CFR 70.6(a)(3)(ii)(B); Rule 1203(D)(1)(d)(ii)]

[40 CFR 70.6 (a)(3)(i)(B) - Periodic Monitoring Requirements]

[Rule 404 - *Particulate Matter Concentration*; Version in SIP = Current, 40 CFR 52.220(c)(42)(xiii)(A) - 12/21/78 43 FR 52489]

**DE. BAGHOUSE - DCL 79, MDAQMD permit number C003432, consisting of:**

A Mikropul Pulse Jet Model 81S-8-20 "C" baghouse, with untreated polyester bags totaling 800 square feet of filter area and a fan producing 6500 cfm of flow (for an air to cloth ratio of 8:1). This unit has a pickup point at the Glass Sand Loadout System.

**Conditions for unit with permit number: C003432.**

1. The owner/operator (o/o) shall maintain this baghouse in strict accord with those recommendations of the manufacturer/supplier and/or sound engineering principles which produce the minimum emissions of air contaminants.
2. This baghouse shall operate concurrently with the Glass Sand Truck and Railroad Loadout under valid District permit B000662.
3. The o/o shall conduct a minimum program of inspection and maintenance on this equipment. The o/o shall maintain current and on-site for five (5) years a log of the following information, which shall be provided to District personnel upon request:
  - a. Weekly baghouse stack observation date and result (using USEPA Method 22,

- and USEPA Method 9 if necessary);
- b. Quarterly bag and bag suspension system inspection date and results;
  - c. Quarterly reading of baghouse pressure drop, date and value
  - d. Date of bag replacements; and,
  - e. Date and nature of any system repairs.
4. This baghouse shall be operated in compliance with 40 CFR 60 Subpart OOO - Standards of Performance for Nonmetallic Mineral Processing Plants.
  5. This baghouse shall not discharge into the atmosphere an exhaust stream that exhibits greater than seven percent opacity (40 CFR 60.672(a)).
  6. This baghouse shall discharge no more than 0.56 pounds per hour of PM10 at a maximum concentration of 0.01 grains/dscf at the operating conditions given in the above description (BACT). This equipment does not require a regularly scheduled emission compliance test. However, emission compliance testing may be required at the discretion of the District.
  7. The o/o shall maintain on-site a minimum inventory of replacement bags that assures compliance with these conditions.

[Applies to all conditions above; Rule 204 - Permit Conditions; Version in SIP = CARB Ex. Order G-73, 40 CFR 52.220(c)(39)(ii)(B) - 11/09/78 43 FR 52237; Current Rule Version = 07/25/77]

[40 CFR 70.6(a)(3)(ii)(B); Rule 1203(D)(1)(d)(ii)]

[40 CFR 70.6 (a)(3)(i)(B) - Periodic Monitoring Requirements]

[40 CFR 60.670 et seq - NSPS Subpart OOO]

[Rule 1303 - *Requirements*; Version in SIP = as amended 3/25/96, 40 CFR

52.220(c)(239)(:)(A)(1) - 11/13/96 61 FR 58133; current rule version = 9/24/01]

**DF. BAGHOUSE - DCL 92, MDAQMD permit number C003713, consisting of:**

A Mikropul Pulse Jet Model 64S-8-20 "C" baghouse with 603 square feet of polyester bags and a 20 hp fan generating 3800 cfm of flow (for an air to cloth ratio of 6 to 1). This baghouse serves the Feed System to Blender Storage and Blender Make-Up System (B000615). This unit has the following pickup points: CBE22 (trip discharge), CBE35 (E1/E2 discharge), and CBE66 (head and tail).

**Conditions for unit with permit number: C003713.**

1. The owner/operator (o/o) shall maintain this baghouse in strict accord with those recommendations of the manufacturer/supplier and/or sound engineering principles which produce the minimum emissions of air contaminants.
2. This baghouse shall operate concurrently with the Feed System to Blender Storage (B002303) and Blender Make-Up System (B000615).
3. The o/o shall conduct a minimum program of inspection and maintenance on this equipment. The o/o shall maintain current and on-site for five (5) years a log of

the following information, which shall be provided to District personnel upon request:

- a. Weekly baghouse stack observation date and result (using USEPA Method 22, and USEPA Method 9 if necessary);
  - b. Quarterly bag and bag suspension system inspection date and results;
  - c. Quarterly reading of baghouse pressure drop, date and value (if a manometer is present);
  - d. Date of bag replacements; and,
  - e. Date and nature of any system repairs.
4. This baghouse shall be operated in compliance with 40 CFR 60 Subpart OOO - Standards of Performance for Nonmetallic Mineral Processing Plants.
  5. This baghouse shall not discharge into the atmosphere an exhaust stream that exhibits greater than seven percent opacity (40 CFR 60.672(a)).
  6. This baghouse shall discharge no more than 0.33 pounds per hour of PM<sub>10</sub> at a maximum concentration of 0.01 grains/dscf at the operating conditions given in the above description (BACT). This equipment does not require a regularly scheduled emission compliance test. However, emission compliance testing may be required at the discretion of the District.
  7. The o/o shall maintain on-site a minimum inventory of replacement bags that assures compliance with these conditions.

[Applies to all conditions above; Rule 204 - Permit Conditions; Version in SIP = CARB Ex. Order G-73, 40 CFR 52.220(c)(39)(ii)(B) - 11/09/78 43 FR 52237; Current Rule Version = 07/25/77]

[40 CFR 70.6(a)(3)(ii)(B); Rule 1203(D)(1)(d)(ii)]

[40 CFR 70.6 (a)(3)(i)(B) - Periodic Monitoring Requirements]

[40 CFR 60.670 et seq - NSPS Subpart OOO]

[Rule 1303 - *Requirements*; Version in SIP = as amended 3/25/96, 40 CFR 52.220(c)(239):(A)(1) - 11/13/96 61 FR 58133; current rule version = 9/24/01]

**DG. BAGHOUSE - DCL 91, MDAQMD permit number C003714, consisting of:**

A Mikropul Pulse Jet Model 64S-8-20 "C" baghouse, with untreated polyester bags totaling 603 square feet of filter area and a fan producing 3800 cfm of flow (for an air to cloth ratio of 6:1). This unit has pickup points at the CBE 37 Tail Loading/Discharge to Silo W1, CBE 59, CBE 28 Tail Loading/Discharge, and CBE 25 Tripper.

**Conditions for unit with permit number: C003714.**

1. The owner/operator (o/o) shall maintain this baghouse in strict accord with those recommendations of the manufacturer/supplier and/or sound engineering principles which produce the minimum emissions of air contaminants.
2. This baghouse shall operate concurrently with the Blender Area System under

- valid District permits B000615 and B002303.
3. The o/o shall conduct a minimum program of inspection and maintenance on this equipment. The o/o shall maintain current and on-site for five (5) years a log of the following information, which shall be provided to District personnel upon request:
    - a. Weekly baghouse stack observation date and result (using USEPA Method 22, and USEPA Method 9 if necessary);
    - b. Quarterly bag and bag suspension system inspection date and results;
    - c. Quarterly reading of baghouse pressure drop, date and value (if a manometer is present);
    - d. Date of bag replacements; and,
    - e. Date and nature of any system repairs.
  4. This baghouse shall not discharge into the atmosphere an exhaust stream that exhibits greater than twenty percent opacity.
  5. This baghouse shall discharge no more than 0.3 pounds per hour of PM<sub>10</sub> at a maximum concentration of 0.01 grains/dscf at the operating conditions given in the above description (Rule 404). This equipment does not require a regularly scheduled emission compliance test. However, emission compliance testing may be required at the discretion of the District.
  6. The o/o shall maintain on-site a minimum inventory of replacement bags that assures compliance with these conditions.

[Applies to all conditions above; Rule 204 - Permit Conditions; Version in SIP = CARB Ex. Order G-73, 40 CFR 52.220(c)(39)(ii)(B) - 11/09/78 43 FR 52237; Current Rule Version = 07/25/77]

[40 CFR 70.6(a)(3)(ii)(B); Rule 1203(D)(1)(d)(ii)]

[40 CFR 70.6 (a)(3)(i)(B) - Periodic Monitoring Requirements]

[Rule 404 - *Particulate Matter Concentration*; Version in SIP = Current, 40 CFR 52.220(c)(42)(xiii)(A) - 12/21/78 43 FR 52489]

**DH. BAGHOUSE - DCL 70, MDAQMD permit number C004434, consisting of:**

A Mikropul Pulse Jet Model 64S-8-20 "C" baghouse, with untreated polyester bags totaling 603 square feet of filter area and a fan producing 3800 cfm (for an air to cloth ratio of 6:1). This unit has pickup points at CBE 08, CBE 11, CBE 04 and SCT 06.

**Conditions for unit with permit number: C004434.**

1. The owner/operator (o/o) shall maintain this baghouse in strict accord with those recommendations of the manufacturer/supplier and/or sound engineering principles which produce the minimum emissions of air contaminants.
2. This baghouse shall operate concurrently with the Limestone Crushing Plant under valid District Permit B000611.

3. The o/o shall conduct a minimum program of inspection and maintenance on this equipment. The o/o shall maintain current and on-site for five (5) years a log of the following information, which shall be provided to District personnel upon request:
  - a. Weekly baghouse stack observation date and result (using USEPA Method 22, and USEPA Method 9 if necessary);
  - b. Quarterly bag and bag suspension system inspection date and results;
  - c. Daily reading of baghouse pressure drop, date and value (if a manometer is present);
  - d. Date of bag replacements; and,
  - e. Date and nature of any system repairs.
4. This baghouse shall be operated in compliance with 40 CFR 60 Subpart OOO - Standards of Performance for Nonmetallic Mineral Processing Plants.
5. This baghouse shall not discharge into the atmosphere an exhaust stream that exhibits greater than seven percent opacity (40 CFR 60.672(a)).
6. This baghouse shall discharge no more than 0.72 pounds per hour of PM<sub>10</sub> at a maximum concentration of 0.022 grains/dscf at the operating conditions given in the above description (40 CFR 60.672(a)). This equipment does not require a regularly scheduled emission compliance test. However, emission compliance testing may be required at the discretion of the District.
7. The o/o shall maintain on-site a minimum inventory of replacement bags that assures compliance with these conditions.
8. This unit shall be equipped with a device to measure the pressure differential across the bags (manometer). In operation, the pressure differential shall be maintained within 1.5 and 6.5 inches water column

[Applies to all conditions above; Rule 204 - Permit Conditions; Version in SIP = CARB Ex. Order G-73, 40 CFR 52.220(c)(39)(ii)(B) - 11/09/78 43 FR 52237; Current Rule Version = 07/25/77]

[40 CFR 70.6(a)(3)(ii)(B); Rule 1203(D)(1)(d)(ii)]

[40 CFR 70.6 (a)(3)(i)(B) - Periodic Monitoring Requirements]

[40 CFR 60.670 et seq - NSPS Subpart OOO]

[40 CFR Part 64 – Compliance Assurance Monitoring]

**DI. BAGHOUSE - DCL 80, MDAQMD permit number C004475, consisting of:**

A Mikropul Pulse Jet Model 64S-8-20 "C" baghouse, with untreated polyester bags totaling 603 square feet of filter area and a fan producing 3800 cfm of flow (for an air to cloth ratio of 6:1). This unit has pickup points at CBE 14A and CBE 15 for the "A" pile.

**Conditions for unit with permit number: C004475.**

1. The owner/operator (o/o) shall maintain this baghouse in strict accord with those recommendations of the manufacturer/supplier and/or sound engineering principles which produce the minimum emissions of air contaminants.
2. This baghouse shall operate concurrently with the Limestone Crusher Piles under valid District permit B002300.
3. The o/o shall conduct a minimum program of inspection and maintenance on this equipment. The o/o shall maintain current and on-site for five (5) years a log of the following information, which shall be provided to District personnel upon request:
  - a. Weekly baghouse stack observation date and result (using USEPA Method 22, and USEPA Method 9 if necessary);
  - b. Quarterly bag and bag suspension system inspection date and results;
  - c. Quarterly reading of baghouse pressure drop, date and value (if a manometer is present);
  - d. Date of bag replacements; and,
  - e. Date and nature of any system repairs.
4. This baghouse shall be operated in compliance with 40 CFR 60 Subpart OOO - Standards of Performance for Nonmetallic Mineral Processing Plants.
5. This baghouse shall not discharge into the atmosphere an exhaust stream that exhibits greater than seven percent opacity (40 CFR 60.672(a)).
6. This baghouse shall discharge no more than 0.33 pounds per hour of PM<sub>10</sub> at a maximum concentration of 0.01 grains/dscf at the operating conditions given in the above description (BACT). This equipment does not require a regularly scheduled emission compliance test. However, emission compliance testing may be required at the discretion of the District.
7. The o/o shall maintain on-site a minimum inventory of replacement bags that assures compliance with these conditions.

[Applies to all conditions above; Rule 204 - Permit Conditions; Version in SIP = CARB Ex. Order G-73, 40 CFR 52.220(c)(39)(ii)(B) - 11/09/78 43 FR 52237; Current Rule Version = 07/25/77]

[40 CFR 70.6(a)(3)(ii)(B); Rule 1203(D)(1)(d)(ii)]

[40 CFR 70.6 (a)(3)(i)(B) - Periodic Monitoring Requirements]

[40 CFR 60.670 et seq - NSPS Subpart OOO]

[Rule 1303 - *Requirements*; Version in SIP = as amended 3/25/96, 40 CFR 52.220(c)(239)(:)(A)(1) - 11/13/96 61 FR 58133; current rule version = 9/24/01]

**DJ. BAGHOUSE - DCL 26 (NO. 2 RAYMOND MILL SYSTEM), MDAQMD permit number C004600, consisting of:**

A Mikropul Pulse Jet Model 72-SP-8-20 baghouse with a fan producing 2500 cfm of flow. This unit has a pickup point at the RM2 fan and at the #1 and #2 Raymond Mill

pumping hoppers.

**Conditions for unit with permit number: C004600.**

1. The owner/operator (o/o) shall maintain this baghouse in strict accord with those recommendations of the manufacturer/supplier and/or sound engineering principles which produce the minimum emissions of air contaminants.
2. This baghouse shall operate concurrently with the No. 2 Raymond Mill under valid District permit B000674.
3. The o/o shall conduct a minimum program of inspection and maintenance on this equipment. The o/o shall maintain current and on-site for five (5) years a log of the following information, which shall be provided to District personnel upon request:
  - a. Weekly baghouse stack observation date and result (using USEPA Method 22, and USEPA Method 9 if necessary);
  - b. Quarterly bag and bag suspension system inspection date and results;
  - c. Quarterly reading of baghouse pressure drop, date and value (if a manometer is present);
  - d. Date of bag replacements; and,
  - e. Date and nature of any system repairs.
4. This baghouse shall be operated in compliance with 40 CFR 60 Subpart OOO - Standards of Performance for Nonmetallic Mineral Processing Plants.
5. This baghouse shall not discharge into the atmosphere an exhaust stream that exhibits greater than seven percent opacity (40 CFR 60.672(a)).
6. This baghouse shall discharge no more than 0.21 pounds per hour of PM<sub>10</sub> at a maximum concentration of 0.01 grains/dscf at the operating conditions given in the above description (BACT). This equipment does not require a regularly scheduled emission compliance test. However, emission compliance testing may be required at the discretion of the District.
7. The o/o shall maintain on-site a minimum inventory of replacement bags that assures compliance with these conditions.

[Applies to all conditions above; Rule 204 - Permit Conditions; Version in SIP = CARB Ex. Order G-73, 40 CFR 52.220(c)(39)(ii)(B) - 11/09/78 43 FR 52237; Current Rule Version = 07/25/77]

[40 CFR 70.6(a)(3)(ii)(B); Rule 1203(D)(1)(d)(ii)]

[40 CFR 70.6 (a)(3)(i)(B) - Periodic Monitoring Requirements]

[40 CFR 60.670 et seq - NSPS Subpart OOO]

[Rule 1303 - *Requirements*; Version in SIP = as amended 3/25/96, 40 CFR 52.220(c)(239)(:)(A)(1) - 11/13/96 61 FR 58133; current rule version = 9/24/01]

**DK. BAGHOUSE - DCL 93, MDAQMD permit number C004830, consisting of:**

A Mikropul Pulse Jet Model 64S-8-20 "C" baghouse, with untreated polyester bags totaling 603 square feet of filter area and a fan producing 3800 cfm of flow (for an air to cloth ratio of 6:1). This unit has a pickup points at Glass Sand 15-15 175 ton bin "Big Bert."

**Conditions for unit with permit number: C004830.**

1. The owner/operator (o/o) shall maintain this baghouse in strict accord with those recommendations of the manufacturer/supplier and/or sound engineering principles which produce the minimum emissions of air contaminants.
2. This baghouse shall operate concurrently with the Railcar/Truck Loadout System under valid District permit T004364. This unit shall not be used (filled or emptied) unless ventred to properly operating baghouse (DCL 93 under valid district permit C004830)
3. The o/o shall conduct a minimum program of inspection and maintenance on this equipment. The o/o shall maintain current and on-site for five (5) years a log of the following information, which shall be provided to District personnel upon request:
  - a. Weekly baghouse stack observation date and result (using USEPA Method 22, and USEPA Method 9 if necessary);
  - b. Quarterly bag and bag suspension system inspection date and results;
  - c. Quarterly reading of baghouse pressure drop, date and value (if a manometer is present);
  - d. Date of bag replacements; and,
  - e. Date and nature of any system repairs.
4. This baghouse shall be operated in compliance with 40 CFR 60 Subpart OOO - Standards of Performance for Nonmetallic Mineral Processing Plants.
5. This baghouse shall not discharge into the atmosphere an exhaust stream that exhibits greater than seven percent opacity (40 CFR 60.672(a)).
6. This baghouse shall discharge no more than 0.33 pounds per hour of PM<sub>10</sub> at a maximum concentration of 0.01 grains/dscf at the operating conditions given in the above description (BACT). This equipment does not require a regularly scheduled emission compliance test. However, emission compliance testing may be required at the discretion of the District.
7. The o/o shall maintain on-site a minimum inventory of replacement bags that assures compliance with these conditions.

[Applies to all conditions above; Rule 204 - Permit Conditions; Version in SIP = CARB Ex. Order G-73, 40 CFR 52.220(c)(39)(ii)(B) - 11/09/78 43 FR 52237; Current Rule Version = 07/25/77]

[40 CFR 70.6(a)(3)(ii)(B); Rule 1203(D)(1)(d)(ii)]

[40 CFR 70.6 (a)(3)(i)(B) - Periodic Monitoring Requirements]

[40 CFR 60.670 et seq - NSPS Subpart OOO]  
[Rule 1303 - *Requirements*; Version in SIP = as amended 3/25/96, 40 CFR  
52.220(c)(239):(A)(1) - 11/13/96 61 FR 58133; current rule version = 9/24/01]

**DL. BAGHOUSE - DCL 94, MDAQMD permit number C007770, consisting of:**

A Mikro Pulsaire Model 196S-8-20 TR "C" baghouse equipped with 196 polyester bags totaling 1950 square feet of filter area and a 40 hp fan generating 11,000 acfm through the bags (for an air to cloth ratio of 5.6:1). This baghouse serves the Feed System to Blender Storage. This unit has the following pickup points: CBE19 (head), CBE20 (head and trip discharge), CBE25 (head), CBE26 (head and trip discharge), CBE35, CBE34 (head), CBE38 (tail), CBE 56 (tail), CBE58 (tail), and CBE67 (head and tail).

**Conditions for unit with permit number: C007770.**

1. The owner/operator (o/o) shall maintain this baghouse in strict accord with those recommendations of the manufacturer/supplier and/or sound engineering principles which produce the minimum emissions of air contaminants.
2. This baghouse shall operate concurrently with the Feed System to Blender Storage (B002303) and Glass Sand Feed System (B000664).
3. The o/o shall conduct a minimum program of inspection and maintenance on this equipment. The o/o shall maintain current and on-site for five (5) years a log of the following information, which shall be provided to District personnel upon request:
  - a. Weekly baghouse stack observation date and result (using USEPA Method 22, and USEPA Method 9 if necessary);
  - b. Quarterly bag and bag suspension system inspection date and results;
  - c. Quarterly reading of baghouse pressure drop, date and value (if a manometer is present);
  - d. Date of bag replacements; and,
  - e. Date and nature of any system repairs.
4. This baghouse shall be operated in compliance with 40 CFR 60 Subpart OOO - Standards of Performance for Nonmetallic Mineral Processing Plants.
5. This baghouse shall not discharge into the atmosphere an exhaust stream that exhibits greater than seven percent opacity (40 CFR 60.672(a)).
6. This baghouse shall discharge no more than 0.94 pounds per hour of PM<sub>10</sub> at a maximum concentration of 0.01 grains/dscf at the operating conditions given in the above description (BACT).
7. The o/o shall maintain on-site a minimum inventory of replacement bags that assures compliance with these conditions.
8. The o/o shall conduct a periodic compliance test for PM<sub>10</sub> (USEPA Method 5 or equivalent). Testing shall be performed at a minimum once each 60 months

starting in 2001. The owner/operator must submit a compliance/source test protocol at least thirty (30) days prior to the compliance/source test date. The owner/operator must conduct all required compliance/source tests in accordance with a District-approved test protocol. The owner/operator must notify the District a minimum of ten (10) days prior to the compliance/source test date so that an observer may be present. The final compliance/source test results must be submitted to the District not later than forty-five (45) days after the source test date. All compliance/source test notifications, protocols, and results may be submitted electronically to [reporting@mdaqmd.ca.gov](mailto:reporting@mdaqmd.ca.gov).

9. The o/o shall install and maintain a device which measures the pressure differential across the bags (manometer).

[Applies to all conditions above; Rule 204 - Permit Conditions; Version in SIP = CARB Ex. Order G-73, 40 CFR 52.220(c)(39)(ii)(B) - 11/09/78 43 FR 52237; Current Rule Version = 07/25/77]

[40 CFR 70.6(a)(3)(ii)(B); Rule 1203(D)(1)(d)(ii)]

[40 CFR 70.6 (a)(3)(i)(B) - Periodic Monitoring Requirements]

[40 CFR 60.670 et seq - NSPS Subpart OOO]

[Rule 1303 - *Requirements*; Version in SIP = as amended 3/25/96, 40 CFR

52.220(c)(239)(:)(A)(1) - 11/13/96 61 FR 58133; current rule version = 9/24/01]

**DM. BAGHOUSE - DCL 29, MDAQMD permit number C007776, consisting of:**

A Mikro Pulsaire Model 400S-8-20-TR "C" baghouse equipped with 400 polyester bags totaling 3980 square feet of filter area and a fan generating 18,840 acfm through the bags (for an air to cloth ratio of 4.7:1). This baghouse serves the Drier Sizer System. This unit has the following pickup points: CLF02, ELV29 (head and tail), ELV30 (head and tail), ELV31 (head and tail), SCM01, SCM03, SCM04, SCH10, and SCH11.

**Conditions for unit with permit number: C007776.**

1. The owner/operator (o/o) shall maintain this baghouse in strict accord with those recommendations of the manufacturer/supplier and/or sound engineering principles which produce the minimum emissions of air contaminants.
2. This baghouse shall operate concurrently with the Drier Sizer System (B000663).
3. The o/o shall conduct a minimum program of inspection and maintenance on this equipment. The o/o shall maintain current and on-site for five (5) years a log of the following information, which shall be provided to District personnel upon request:
  - a. Weekly baghouse stack observation date and result (using USEPA Method 22, and USEPA Method 9 if necessary);
  - b. Quarterly bag and bag suspension system inspection date and results;
  - c. Daily reading of baghouse pressure drop, date and value (if a manometer is

- present);
- d. Date of bag replacements; and,
  - e. Date and nature of any system repairs.
4. This baghouse shall be operated in compliance with 40 CFR 60 Subpart OOO - Standards of Performance for Nonmetallic Mineral Processing Plants.
  5. This baghouse shall not discharge into the atmosphere an exhaust stream that exhibits greater than seven percent opacity (40 CFR 60.672(a)).
  6. This baghouse shall discharge no more than 1.61 pounds per hour of PM<sub>10</sub> at a maximum concentration of 0.01 grains/dscf at the operating conditions given in the above description (BACT).
  7. The o/o shall maintain on-site a minimum inventory of replacement bags that assures compliance with these conditions.
  8. The o/o shall conduct a periodic compliance test for PM<sub>10</sub> (USEPA Method 5 or equivalent). Testing shall be performed at a minimum once each 60 months starting in 2002. The owner/operator must submit a compliance/source test protocol at least thirty (30) days prior to the compliance/source test date. The owner/operator must conduct all required compliance/source tests in accordance with a District-approved test protocol. The owner/operator must notify the District a minimum of ten (10) days prior to the compliance/source test date so that an observer may be present. The final compliance/source test results must be submitted to the District not later than forty-five (45) days after the source test date. All compliance/source test notifications, protocols, and results may be submitted electronically to [reporting@mdaqmd.ca.gov](mailto:reporting@mdaqmd.ca.gov).
  9. This unit shall be equipped with a device to measure the pressure differential across the bags (manometer). In operation, the pressure differential shall be maintained within 2.5 and 6.5 inches water column

[Applies to all conditions above; Rule 204 - Permit Conditions; Version in SIP = CARB Ex. Order G-73, 40 CFR 52.220(c)(39)(ii)(B) - 11/09/78 43 FR 52237; Current Rule Version = 07/25/77]

[40 CFR 70.6(a)(3)(ii)(B); Rule 1203(D)(1)(d)(ii)]

[40 CFR 70.6 (a)(3)(i)(B) - Periodic Monitoring Requirements]

[40 CFR 60.670 et seq - NSPS Subpart OOO]

[Rule 1303 - *Requirements*; Version in SIP = as amended 3/25/96, 40 CFR 52.220(c)(239):(A)(1) - 11/13/96 61 FR 58133; current rule version = 9/24/01]

[40 CFR Part 64 – Compliance Assurance Monitoring]

**DN. BAGHOUSE - DCL 18, MDAQMD permit number C007777, consisting of:**

A Mikro Pulsaire Model 49S-8-20 "B" baghouse equipped with 49 polyester bags totaling 487 square feet of filter area operating on 2900 acfm through the bags (for an air to cloth ratio of 6.0:1). This baghouse serves the 175 Ton Bin. This unit is attached to the

storage bin and vents the bin feed from ELV21, DSG86, RM1/2/3, and ELV20.

**Conditions for unit with permit number: C007777.**

1. The owner/operator (o/o) shall maintain this baghouse in strict accord with those recommendations of the manufacturer/supplier and/or sound engineering principles which produce the minimum emissions of air contaminants.
2. This baghouse shall operate concurrently with the 175 Ton Bin (T003711).
3. The o/o shall conduct a minimum program of inspection and maintenance on this equipment. The o/o shall maintain current and on-site for five (5) years a log of the following information, which shall be provided to District personnel upon request:
  - a. Weekly baghouse stack observation date and result (using USEPA Method 22, and USEPA Method 9 if necessary);
  - b. Quarterly bag and bag suspension system inspection date and results;
  - c. Quarterly reading of baghouse pressure drop, date and value (if a manometer is present);
  - d. Date of bag replacements; and,
  - e. Date and nature of any system repairs.
4. This baghouse shall be operated in compliance with 40 CFR 60 Subpart OOO - Standards of Performance for Nonmetallic Mineral Processing Plants.
5. This baghouse shall not discharge into the atmosphere an exhaust stream that exhibits greater than seven percent opacity (40 CFR 60.672(a)).
6. This baghouse shall discharge no more than 0.25 pounds per hour of PM<sub>10</sub> at a maximum concentration of 0.01 grains/dscf at the operating conditions given in the above description (BACT). This equipment does not require a regularly scheduled emission compliance test. However, emission compliance testing may be required at the discretion of the District.
7. The o/o shall maintain on-site a minimum inventory of replacement bags that assures compliance with these conditions.

[Applies to all conditions above; Rule 204 - Permit Conditions; Version in SIP = CARB Ex. Order G-73, 40 CFR 52.220(c)(39)(ii)(B) - 11/09/78 43 FR 52237; Current Rule Version = 07/25/77]

[40 CFR 70.6(a)(3)(ii)(B); Rule 1203(D)(1)(d)(ii)]

[40 CFR 70.6 (a)(3)(i)(B) - Periodic Monitoring Requirements]

[40 CFR 60.670 et seq - NSPS Subpart OOO]

[Rule 1303 - *Requirements*; Version in SIP = as amended 3/25/96, 40 CFR 52.220(c)(239):(A)(1) - 11/13/96 61 FR 58133; current rule version = 9/24/01]

**DO. BAGHOUSE - DCL 08, MDAQMD permit number C008374, consisting of:**

A Mikropul MikroPulsair Model 55-8/10-55 "C" baghouse with 55 uncoated polyester

bags totaling 650 square feet of filter area and a bin vent operating on 1500 cfm of flow (for an air to cloth ratio of 2.5:1). Product will be conveyed from a storage bin (L-209), through a rotary valve (ROT 63), to DCL 08 where the product will be separated for loading in a railcar.

**Conditions for unit with permit number: C008374.**

1. The owner/operator (o/o) shall maintain this baghouse in strict accord with those recommendations of the manufacturer/supplier and/or sound engineering principles which produce the minimum emissions of air contaminants.
2. This baghouse shall serve the equipment described under valid District permit T002326.
3. The o/o shall conduct a minimum program of inspection and maintenance on this equipment. The o/o shall maintain current and on-site for five (5) years a log of the following information, which shall be provided to District personnel upon request:
  - a. Weekly baghouse stack observation date and result (using USEPA Method 22, and USEPA Method 9 if necessary);
  - b. Quarterly bag and bag suspension system inspection date and results;
  - c. Quarterly reading of baghouse pressure drop, date and value (if a manometer is present);
  - d. Date of bag replacements; and,
  - e. Date and nature of any system repairs.
4. This baghouse shall be operated in compliance with 40 CFR 60 Subpart OOO - Standards of Performance for Nonmetallic Mineral Processing Plants.
5. This baghouse shall not discharge into the atmosphere an exhaust stream that exhibits greater than seven percent opacity (40 CFR 60.672(a)).
6. This baghouse shall discharge no more than 0.13 pounds per hour of PM<sub>10</sub> at a maximum concentration of 0.01 grains/dscf at the operating conditions given in the above description (BACT). This equipment does not require a regularly scheduled emission compliance test. However, emission compliance testing may be required at the discretion of the District.
7. The o/o shall maintain on-site a minimum inventory of replacement bags that assures compliance with these conditions.
8. The o/o shall install and maintain a device which measures the pressure differential across the bags (manometer), and this unit shall be operated at a minimum of one quarter (0.25) and a maximum of nine (9) inches of water column as determined by the pressure differential reading.

[Applies to all conditions above; Rule 204 - Permit Conditions; Version in SIP = CARB Ex. Order G-73, 40 CFR 52.220(c)(39)(ii)(B) - 11/09/78 43 FR 52237; Current Rule Version = 07/25/77]

[40 CFR 70.6(a)(3)(ii)(B); Rule 1203(D)(1)(d)(ii)]  
[40 CFR 70.6 (a)(3)(i)(B) - Periodic Monitoring Requirements]  
[40 CFR 60.670 et seq - NSPS Subpart OOO]  
[Rule 1303 - *Requirements*; Version in SIP = as amended 3/25/96, 40 CFR  
52.220(c)(239)(:)(A)(1) - 11/13/96 61 FR 58133; current rule version = 9/24/01]

**DP. BAGHOUSE - DCL 05, MDAQMD permit number C008375, consisting of:**

An A.I.S. Vacuum Filter Receiver Model 30VFR96 baghouse with 30 uncoated polyester bags totaling 290 square feet of filter area and a fan producing 1000 cfm of flow (for an air to cloth ratio of 3.5:1). Product will be collected from spill collection equipment on Packaging Station #1, 2, and 3 to DCL 05. Material will be collected in the baghouse and discharged through ROT 05 to a product conveyor belt.

**Conditions for unit with permit number: C008375.**

1. The owner/operator (o/o) shall maintain this baghouse in strict accord with those recommendations of the manufacturer/supplier and/or sound engineering principles which produce the minimum emissions of air contaminants.
2. This baghouse shall operate concurrently with the equipment described under valid District permits B000614, B000694 and B005116.
3. The o/o shall conduct a minimum program of inspection and maintenance on this equipment. The o/o shall maintain current and on-site for five (5) years a log of the following information, which shall be provided to District personnel upon request:
  - a. Weekly baghouse stack observation date and result (using USEPA Method 22, and USEPA Method 9 if necessary);
  - b. Quarterly bag and bag suspension system inspection date and results;
  - c. Quarterly reading of baghouse pressure drop, date and value (if a manometer is present);
  - d. Date of bag replacements; and,
  - e. Date and nature of any system repairs.
4. This baghouse shall be operated in compliance with 40 CFR 60 Subpart OOO - Standards of Performance for Nonmetallic Mineral Processing Plants.
5. This baghouse shall not discharge into the atmosphere an exhaust stream that exhibits greater than seven percent opacity (40 CFR 60.672(a)).
6. This baghouse shall discharge no more than 0.09 pounds per hour of PM<sub>10</sub> at a maximum concentration of 0.01 grains/dscf at the operating conditions given in the above description (BACT). This equipment does not require a regularly scheduled emission compliance test. However, emission compliance testing may be required at the discretion of the District.
7. The o/o shall maintain on-site a minimum inventory of replacement bags that

assures compliance with these conditions.

8. The o/o shall install and maintain a device which measures the pressure differential across the bags (manometer), and this unit shall be operated at a minimum of one quarter (0.25) and a maximum of nine (9) inches of water column as determined by the pressure differential reading.

[Applies to all conditions above; Rule 204 - Permit Conditions; Version in SIP = CARB Ex. Order G-73, 40 CFR 52.220(c)(39)(ii)(B) - 11/09/78 43 FR 52237; Current Rule Version = 07/25/77]

[40 CFR 70.6(a)(3)(ii)(B); Rule 1203(D)(1)(d)(ii)]

[40 CFR 70.6 (a)(3)(i)(B) - Periodic Monitoring Requirements]

[40 CFR 60.670 et seq - NSPS Subpart OOO]

[Rule 1303 - *Requirements*; Version in SIP = as amended 3/25/96, 40 CFR

52.220(c)(239)(:)(A)(1) - 11/13/96 61 FR 58133; current rule version = 9/24/01]

**DO. BAGHOUSE - DCL 941, MDAQMD permit number C008969, consisting of:**

A CPE Filters Model 8M-TNFD-196-C baghouse with polyester bags totaling 1846 square feet of filter area, equipped with a fan producing 9400 cfm of flow (for an air to cloth ratio of 5.1:1). Pick up points for this baghouse are: CBE 17 (feed), CBE 21 (feed), CBE 18 (Feed), CBE 916 (feed and discharge), ELV 926 (feed and head), Product Hoppers (Bins 708 and 709), and SCH 712.

**Conditions for unit with permit number: C008969.**

1. The owner/operator (o/o) shall maintain this baghouse in strict accord with those recommendations of the manufacturer/supplier and/or sound engineering principles which produce the minimum emissions of air contaminants.
2. This baghouse shall operate concurrently with the Metstone Conveyor Feed System (B000710), the Raymond Mill No. 7 and Heater (B008971), and Raymond Mill No.7 Feed Bin (T008973).
3. The o/o shall conduct a minimum program of inspection and maintenance on this equipment. The o/o shall maintain current and on-site for five (5) years a log of the following information, which shall be provided to District personnel upon request:
  - a. Monthly baghouse stack observation date and result (using USEPA Method 22, and USEPA Method 9 if necessary);
  - b. Quarterly bag and bag suspension system inspection date and results;
  - c. Quarterly reading of baghouse pressure drop, date and value (if a manometer is present);
  - d. Date of bag replacements; and,
  - e. Date and nature of any system repairs.
4. This baghouse shall be operated in compliance with all applicable requirements of

40 CFR 60 Subpart OOO - Standards of Performance for Nonmetallic Mineral Processing Plants.

5. This baghouse shall not discharge into the atmosphere an exhaust stream that exhibits greater than seven percent opacity (40 CFR 60.672(a)).
6. This baghouse shall discharge no more than 0.81 pounds per hour of PM<sub>10</sub> at a maximum concentration of 0.01 grains/dscf at the operating conditions given in the above description (BACT). This equipment does not require a regularly scheduled emission compliance test. However, emission compliance testing may be required at the discretion of the District.
7. The o/o shall maintain on-site a minimum inventory of replacement bags that assures compliance with these conditions.

[Applies to all conditions above; Rule 204 - Permit Conditions; Version in SIP = CARB Ex. Order G-73, 40 CFR 52.220(c)(39)(ii)(B) - 11/09/78 43 FR 52237; Current Rule Version = 07/25/77]

[40 CFR 70.6(a)(3)(ii)(B); Rule 1203(D)(1)(d)(ii)]

[40 CFR 70.6 (a)(3)(i)(B) - Periodic Monitoring Requirements]

[40 CFR 60.670 et seq - NSPS Subpart OOO]

[Rule 1303 - *Requirements*; Version in SIP = as amended 3/25/96, 40 CFR 52.220(c)(239)(:)(A)(1) - 11/13/96 61 FR 58133; current rule version = 9/24/01]

**DR. BAGHOUSE - DCL 740, MDAQMD permit number C008972, consisting of:**

A CPE Filters Model 120-TNFD-273-C baghouse with polyester bags totaling 4368 square feet of filter area, equipped with a fan producing 18,000 cfm of flow (for an air to cloth ratio of 4.1:1). This unit has a pickup point at the No. 7 Raymond Mill (Evacuation Dust Collector).

**Conditions for unit with permit number: C008972.**

1. The owner/operator (o/o) shall maintain this baghouse in strict accord with those recommendations of the manufacturer/supplier and/or sound engineering principles which produce the minimum emissions of air contaminants.
2. This baghouse shall operate concurrently with the Raymond Mill No. 7 (B008971).
3. The o/o shall conduct a minimum program of inspection and maintenance on this equipment. The o/o shall maintain current and on-site for five (5) years a log of the following information, which shall be provided to District personnel upon request:
  - a. Monthly baghouse stack observation date and result (using USEPA Method 22, and USEPA Method 9 if necessary);
  - b. Quarterly bag and bag suspension system inspection date and results;
  - c. Quarterly reading of baghouse pressure drop, date and value (if a manometer is

- present);
- d. Date of bag replacements; and,
  - e. Date and nature of any system repairs.
4. This baghouse shall be operated in compliance with all applicable requirements of 40 CFR 60 Subpart OOO - Standards of Performance for Nonmetallic Mineral Processing Plants.
  5. This baghouse shall not discharge into the atmosphere an exhaust stream that exhibits greater than seven percent opacity (40 CFR 60.672(a)).
  6. This baghouse shall discharge no more than 1.54 pounds per hour of PM<sub>10</sub> at a maximum concentration of 0.01 grains/dscf at the operating conditions given in the above description (BACT).
  7. The o/o shall maintain on-site a minimum inventory of replacement bags that assures compliance with these conditions.
  8. The o/o shall conduct a periodic compliance test for PM<sub>10</sub> (USEPA Method 5 or equivalent). Testing shall be performed at a minimum once each 60 months starting in 2010. The owner/operator must submit a compliance/source test protocol at least thirty (30) days prior to the compliance/source test date. The owner/operator must conduct all required compliance/source tests in accordance with a District-approved test protocol. The owner/operator must notify the District a minimum of ten (10) days prior to the compliance/source test date so that an observer may be present. The final compliance/source test results must be submitted to the District not later than forty-five (45) days after the source test date. All compliance/source test notifications, protocols, and results may be submitted electronically to reporting@mdaqmd.ca.gov.

[Applies to all conditions above; Rule 204 - Permit Conditions; Version in SIP = CARB Ex. Order G-73, 40 CFR 52.220(c)(39)(ii)(B) - 11/09/78 43 FR 52237; Current Rule Version = 07/25/77]

[40 CFR 70.6(a)(3)(ii)(B); Rule 1203(D)(1)(d)(ii)]

[40 CFR 70.6 (a)(3)(i)(B) - Periodic Monitoring Requirements]

[40 CFR 60.670 et seq - NSPS Subpart OOO]

[Rule 1303 - *Requirements*; Version in SIP = as amended 3/25/96, 40 CFR

52.220(c)(239)(:)(A)(1) - 11/13/96 61 FR 58133; current rule version = 9/24/01]

**DS. BAGHOUSE - DCL 790, MDAQMD permit number C008974, consisting of:**

A CPE Filters Model 8M-NF-064-C baghouse with polyester bags totaling 603 square feet of filter area, equipped with a fan producing 3000 cfm of flow (for an air to cloth ratio of 5.0:1). This unit serves the Raymond Mill No. 7 Loadout Storage Bins with a pickup point at each of the four silo loadout spouts.

**Conditions for unit with permit number: C008974.**

1. The owner/operator (o/o) shall maintain this baghouse in strict accord with those recommendations of the manufacturer/supplier and/or sound engineering principles which produce the minimum emissions of air contaminants.
2. This baghouse shall operate concurrently with the Raymond Mill No. 7 Loadout Storage Bins under District Permit T008970.
3. The o/o shall conduct a minimum program of inspection and maintenance on this equipment. The o/o shall maintain current and on-site for five (5) years a log of the following information, which shall be provided to District personnel upon request:
  - a. Monthly baghouse stack observation date and result (using USEPA Method 22, and USEPA Method 9 if necessary);
  - b. Quarterly bag and bag suspension system inspection date and results;
  - c. Quarterly reading of baghouse pressure drop, date and value (if a manometer is present);
  - d. Date of bag replacements; and,
  - e. Date and nature of any system repairs.
4. This baghouse shall be operated in compliance with all applicable requirements of 40 CFR 60 Subpart OOO - Standards of Performance for Nonmetallic Mineral Processing Plants.
5. This baghouse shall not discharge into the atmosphere an exhaust stream that exhibits greater than seven percent opacity (40 CFR 60.672(a)).
6. This baghouse shall discharge no more than 0.26 pounds per hour of PM<sub>10</sub> at a maximum concentration of 0.01 grains/dscf at the operating conditions given in the above description (BACT). This equipment does not require a regularly scheduled emission compliance test. However, emission compliance testing may be required at the discretion of the District.
7. The o/o shall maintain on-site a minimum inventory of replacement bags that assures compliance with these conditions.

[Applies to all conditions above; Rule 204 - Permit Conditions; Version in SIP = CARB Ex. Order G-73, 40 CFR 52.220(c)(39)(ii)(B) - 11/09/78 43 FR 52237; Current Rule Version = 07/25/77]

[40 CFR 70.6(a)(3)(ii)(B); Rule 1203(D)(1)(d)(ii)]

[40 CFR 70.6 (a)(3)(i)(B) - Periodic Monitoring Requirements]

[40 CFR 60.670 et seq - NSPS Subpart OOO]

[Rule 1303 - *Requirements*; Version in SIP = as amended 3/25/96, 40 CFR 52.220(c)(239):(A)(1) - 11/13/96 61 FR 58133; current rule version = 9/24/01]

**DT. BAGHOUSE - DCL 53, MDAQMD permit number C009762, consisting of:**

A Pebco Model IDC-260 dust collector with a total filter area of 260 sq.ft. The design

airflow is 1200 acfm. This baghouse serves the Glass Sand Truck and Railroad Loadout.

**Conditions for unit with permit number: C009762.**

1. The owner/operator (o/o) shall maintain this baghouse in strict accord with those recommendations of the manufacturer/supplier and/or sound engineering principles which produce the minimum emissions of air contaminants.
2. This baghouse shall operate concurrently with the Glass Sand Truck and Railroad Loadout operating under District Permit B000662, as applicable.
3. The o/o shall conduct a minimum program of inspection and maintenance on this equipment. The o/o shall maintain current and on-site for five (5) years a log of the following information, which shall be provided to District personnel upon request:
  - a. Quarterly baghouse stack observation date and result (using USEPA Method 22, and USEPA Method 9 if necessary);
  - b. Quarterly bag and bag suspension system inspection date and results;
  - c. Quarterly reading of baghouse pressure drop, date and value (if a manometer is present);
  - d. Date of bag replacements; and,
  - e. Date and nature of any system repairs.
4. This equipment shall be operated in compliance with applicable requirements of 40 CFR 60 Subpart OOO - Standards of Performance for Nonmetallic Mineral Processing Plants.
5. This baghouse shall not discharge into the atmosphere an exhaust stream that exhibits greater than seven percent opacity (40 CFR 60.672(a)).
6. This baghouse shall discharge no more than 0.10 pounds per hour of PM10 at a maximum concentration of 0.01 grains/dscf at the operating conditions given in the above description (BACT). This equipment does not require a regularly scheduled emission compliance test. However, emission compliance testing may be required at the discretion of the District.
7. The o/o shall maintain on-site a minimum inventory of replacement bags that assures compliance with these conditions.

[Applies to all conditions above; Rule 204 - Permit Conditions; Version in SIP = CARB Ex. Order G-73, 40 CFR 52.220(c)(39)(ii)(B) - 11/09/78 43 FR 52237; Current Rule Version = 07/25/77]

[40 CFR 70.6(a)(3)(ii)(B); Rule 1203(D)(1)(d)(ii)]

[40 CFR 70.6 (a)(3)(i)(B) - Periodic Monitoring Requirements]

[40 CFR 60.670 et seq - NSPS Subpart OOO]

[Rule 1303 - Requirements; Version in SIP = as amended 3/25/96, 40 CFR 52.220(c)(239):(A)(1) - 11/13/96 61 FR 58133; current rule version = 9/24/01]

**DU. BAGHOUSE - DCL 54, MDAQMD permit number C009763, consisting of:**

A Pebco Model IDC-175M dust collector with a total filter area of 110 sq.ft. The design airflow is 800 acfm. This baghouse serves the Glass Sand Truck and Railroad Loadout.

**Conditions for unit with permit number: C009763.**

1. The owner/operator (o/o) shall maintain this baghouse in strict accord with those recommendations of the manufacturer/supplier and/or sound engineering principles which produce the minimum emissions of air contaminants.
2. This baghouse shall operate concurrently with the Glass Sand Truck and Railroad Loadout operating under District Permit B000662, as applicable.
3. The o/o shall conduct a minimum program of inspection and maintenance on this equipment. The o/o shall maintain current and on-site for five (5) years a log of the following information, which shall be provided to District personnel upon request:
  - a. Quarterly baghouse stack observation date and result (using USEPA Method 22, and USEPA Method 9 if necessary);
  - b. Quarterly bag and bag suspension system inspection date and results;
  - c. Quarterly reading of baghouse pressure drop, date and value (if a manometer is present);
  - d. Date of bag replacements; and,
  - e. Date and nature of any system repairs.
4. This equipment shall be operated in compliance with applicable requirements of 40 CFR 60 Subpart OOO - Standards of Performance for Nonmetallic Mineral Processing Plants.
5. This baghouse shall not discharge into the atmosphere an exhaust stream that exhibits greater than seven percent opacity (40 CFR 60.672(a)).
6. This baghouse shall discharge no more than 0.07 pounds per hour of PM10 at a maximum concentration of 0.01 grains/dscf at the operating conditions given in the above description (BACT). This equipment does not require a regularly scheduled emission compliance test. However, emission compliance testing may be required at the discretion of the District.
7. The o/o shall maintain on-site a minimum inventory of replacement bags that assures compliance with these conditions.

[Applies to all conditions above; Rule 204 - Permit Conditions; Version in SIP = CARB Ex. Order G-73, 40 CFR 52.220(c)(39)(ii)(B) - 11/09/78 43 FR 52237; Current Rule Version = 07/25/77]

[40 CFR 70.6(a)(3)(ii)(B); Rule 1203(D)(1)(d)(ii)]

[40 CFR 70.6 (a)(3)(i)(B) - Periodic Monitoring Requirements]

[40 CFR 60.670 et seq - NSPS Subpart OOO]

[Rule 1303 - *Requirements*; Version in SIP = as amended 3/25/96, 40 CFR  
52.220(c)(239)(:)(A)(1) - 11/13/96 61 FR 58133; current rule version = 9/24/01]

**DV. BAGHOUSE - DCL 55, MDAQMD permit number C009764 (Cancelled).**

**DW. BAGHOUSE - DCL 56, MDAQMD permit number C009765 (Cancelled)**

***Emergency I.C.E.***

**DX. EMERGENCY GENERATOR (MAIN POWER STATION), MDAQMD permit  
number E002367, consisting of:**

One Manuf tbd, Diesel fired internal combustion engine, Model No. tbd and Serial No.  
tbd, producing 1200 bhp with 12 cylinders at 1800 rpm while consuming a maximum of  
60 gal/hr. This equipment powers a generator.

**Conditions for unit with permit number: E002367.**

1.

This existing, diesel engine, and any associated air pollution control equipment, shall be installed, operated, and maintained in strict accord with those recommendations of the manufacturer/supplier and in a manner consistent with safety and good air pollution control practices for minimizing emissions. Unless otherwise noted, this equipment shall also be operated in accordance with all data and specifications submitted with the application for this permit.

[40 CFR 63.6605(a); 63.6605 (b)]

2.

A non-resettable four-digit (9,999) hour timer shall be installed and maintained on this equipment to indicate elapsed engine operating time.

[17 CCR 93115.10(d); 40 CFR 63.6655(f)]

3. This engine shall only be fired on ultra-low sulfur diesel fuel, whose sulfur concentration is less than or equal to 0.0015% (15 ppm) on a weight per weight basis per CARB Diesel or equivalent requirements. [17 CCR 93115.5(a); 40 CFR 63.6604]

4.

This equipment shall be limited to use for emergency power, defined as in response to a fire or when commercially available power (or the normal power source) has been interrupted. In addition, this unit shall be operated no more than 20 hours per year for testing and maintenance.

[17 CCR 93115.6(b)(3); 40 CFR 63.6675; 40 CFR 63.6640(f)]

5.

The owner/operator shall maintain an operations log for this equipment current and on-site (or at

a central location) for a minimum of five (5) years, and this log shall be provided to District, State, and/or Federal personnel, upon request. The log shall include, at a minimum, the information specified below:

- a. Date of each use and duration of each use (in hours);
- b. Reason for use (testing & maintenance, emergency, required emission testing);
- c. Maintenance records including corrective actions undertaken to restore engine to its normal operating mode following a malfunction; [40 CFR 63.6655(a)(5)]
- d. Calendar year operation in terms of total hours; and
- e. Fuel purchase records.

6.

This engine is subject to the requirements of 40 CFR 63, Subpart ZZZZ, and pursuant to this federal regulation, this engine is required to meet the following compliance requirements by May 3, 2013:

The owner/operator of this equipment shall demonstrate continuous compliance by committing to a maintenance schedule inclusive of the management practice requirements listed below:

- a. Change oil and oil filter every 500 hours of operation or annually, whichever comes first (source has the option to utilize an oil analysis program pursuant to 40 CFR 63.6625(i) in order to extend the specified oil change requirement.);
- b. Inspect air cleaner every 1,000 hours of operation or annually, whichever comes first;
- c. Inspect all hoses and belts every 500 hours of operation or annually, whichever comes first, and replace as necessary; and  
[40 CFR 63.6603(a) and 63.6640(a)]
- d. Minimize the engine's time spent at idle during startup and minimize the engine's startup time to a period needed for appropriate and safe loading of the engine, not to exceed 30 minutes, after which time the emission standards applicable to all times other than startup apply.  
[40 CFR 63.6625 (h)]

Please note; maintenance may be delayed if shutting down the engine would pose an unacceptable risk. [40 CFR 63.6655]

7 This equipment may operate in response to notification of impending rotating outage if the area utility has ordered rotating outages in the area where the engine is located or expects to order such outages at a particular time, the engine is located in the area subject to the rotating outage, the engine is operated no more than 30 minutes prior to the forecasted outage, and the engine is shut down immediately after the utility advises that the outage is no longer imminent or in effect.  
[17 CCR 93115.6(b)(1), and 40 CFR 63.6640(f)(iii)]

8. This equipment shall not be used to provide power during a voluntary agreed to power outage and/or power reduction initiated under an Interruptible Service Contract (ISC); Demand Response Program (DRP); Load Reduction Program (LRP) and/or similar

arrangement(s) with the electrical power supplier.

[17 CCR 93115.6(c)(2)(C)]

[Applies to all conditions above; Rule 204 - Permit Conditions; Version in SIP = CARB Ex. Order G-73, 40 CFR 52.220(c)(39)(ii)(B) - 11/09/78 43 FR 52237; Current Rule Version = 07/25/77]

[40 CFR 70.6(a)(3)(ii)(B); Rule 1203(D)(1)(d)(ii)]

[40 CFR 70.6 (a)(3)(i)(B) - Periodic Monitoring Requirements]

### **Tanks or Silos**

#### **DY. STORAGE FEED SILO (HI-PLEX QUAD BIN), MDAQMD permit number T000640,**

##### **consisting of:**

151HX twin silo, 10-20 & 20-20 Feed, and is 7166 cu ft;

152HX twin silo, Hi-Pflex & Superfill Feed, also 7166 cu ft.

For permit billing this volume is 106,456 gallons.

#### **Conditions for unit with permit number: T000640.**

1. The owner/operator shall comply with all applicable Regulations and Rules of this District. Applicable rules include, but are not necessarily limited to those in Regulation IV.
2. Unit 151HX shall not be used (filled or emptied) unless vented to properly operating baghouse (DCL 24) under valid District permit C002348.
3. Unit 152HX shall not be used (filled or emptied) unless vented to properly operating baghouse (DCL 23) under valid District permit C000641.

[Applies to all conditions above; Rule 204 - Permit Conditions; Version in SIP = CARB Ex. Order G-73, 40 CFR 52.220(c)(39)(ii)(B) - 11/09/78 43 FR 52237; Current Rule Version = 07/25/77]

#### **DZ. STORAGE BIN FEED SYSTEM, MDAQMD permit number T000642, consisting of:**

These bins serve the Raymond Mills. The total system capacity is approximately 100 ton.

Bin 1-100 760-RP vents to DCL 34 (District permit C000653, which moves 4,700 ACFM) when being filled;

Bin 2-100 760-RP vents to DCL 35 (District permit C000651, which moves 4,700 ACFM) when being filled;

Bin 3-100 760-RP vents to DCL 36 (District permit C000649, which moves 4,700 ACFM) when being filled; and

Bin 4-100 760-RP vents to DCL 37 (District permit C000652, which moves 4,700 ACFM) when being filled.

Each bin has a volume of 3300 cu ft, therefore for permit billing purposes, the total

volume is 98,736 gallons.

**Conditions for unit with permit number: T000642.**

1. Each of the above described bins shall be filled only when vented to the baghouse, under valid District permit, also mentioned above.
2. Unloading and/or emptying each of the above mentioned bins shall only be effected as described on District permit B000647, "100 ton Bin Transfer System".

[Applies to all conditions above; Rule 204 - Permit Conditions; Version in SIP = CARB Ex. Order G-73, 40 CFR 52.220(c)(39)(ii)(B) - 11/09/78 43 FR 52237; Current Rule Version = 07/25/77]

**EA. RAYMOND MILL PRODUCT STORAGE AND LOADOUT, MDAQMD permit number T000648, consisting of:**

Five storage bins and related bin vent control devices serving the No. 5 Raymond Mill Bulk Loadout, and three storage bins and related bin vent control devices serving the No. 6 Raymond Mill Bulk Loadout. Bin vents SW-120, SE-175, SW-175, NE-175, Center-175 and NW-175 are all Mikro Pulsaire Model 81S-8-30 bin vents equipped with 81 8' L polyester bags totaling 763 square feet of filter area and operating at 3900 cfm of flow (for an air to cloth ratio of 5.1:1). Bin vents E-60 and W-60 are Mikro Pulsaire Model 49S-8-30 bin vents equipped with 49 8' L polyester bags totaling 462 square feet of filter area and operating at 3900 cfm (for an air to cloth ratio of 8.4:1).

Silo SW-120 (140 ton, 5670 cu ft, 42,417 gal) - served by silo bin vent (DCL 83)

Silo SE-175 767RP (175 ton, 5775 cu ft, 43,197 gal) - served by silo bin vent (DCL 87)

Silo SW-175 767RP (175 ton, 5775 cu ft, 43,197 gal) - served by silo bin vent (DCL 84)

Silo E-60 768RP (60 ton, 1980 cu ft, 14,810 gal) - served by silo bin vent (DCL 86)

Silo W-60 768RP (60 ton, 1980 cu ft, 14,810 gal) - served by silo bin vent (DCL 85)

Silo NE-175 (175 ton, 5775 cu ft, 43,197 gal) - served by silo bin vent (DCL 76)

Silo Center-175 (175 ton, 5775 cu ft, 43,197 gal) - served by silo bin vent (DCL 82)

Silo NW-175 (175 ton, 5775 cu ft, 43,197 gal) - served by silo bin vent (DCL 75)

**Conditions for unit with permit number: T000648.**

1. Silos shall not be filled unless vented to properly operating bin vents.
2. The owner/operator (o/o) shall maintain on-site a minimum inventory of replacement bags for the silo bin vents that assures compliance with these conditions.
3. The o/o shall conduct a minimum program of inspection and maintenance on the silo bin vents. The o/o shall maintain current and on-site for five (5) years a log of the following information, which shall be provided to District personnel upon request:
  - a. Quarterly bag and bag suspension system inspection date and results;

- b. Date of bag replacements; and,
- c. Date and nature of any system repairs.
4. The total loadout from this equipment, and the bulk storage trailer listed under permit B000658, shall not exceed 600,000 tons per calendar year. [District Rule 1303]
5. This equipment shall be operated in compliance with all applicable requirements of 40 CFR 60 Subpart OOO - Standards of Performance for Nonmetallic Mineral Processing Plants.
6. This equipment shall not discharge into the atmosphere an exhaust stream that exhibits greater than the following opacity:
  - a. Stack emissions - seven percent (40 CFR 60.672(a))
  - b. All transfer points and fugitive emission points - ten percent (40 CFR 60.672(b))

[Applies to all conditions above; Rule 204 - Permit Conditions; Version in SIP = CARB Ex. Order G-73, 40 CFR 52.220(c)(39)(ii)(B) - 11/09/78 43 FR 52237; Current Rule Version = 07/25/77]

**EB. STORAGE SYSTEM - HOT DUST, MDAQMD permit number T000686, consisting of:**

010DS 200C, which is 2345 cu ft.

For billing purposes, the volume of this bin is 17,410 gallons.

**Conditions for unit with permit number: T000686.**

1. This unit shall not be filled unless vented to properly operating baghouse (DCL 04) under valid District permit C000656.

[Applies to all conditions above; Rule 204 - Permit Conditions; Version in SIP = CARB Ex. Order G-73, 40 CFR 52.220(c)(39)(ii)(B) - 11/09/78 43 FR 52237; Current Rule Version = 07/25/77]

**EC. STORAGE - CRUSHED ROCK FINES, MDAQMD permit number T002316, consisting of:**

202CR - South Fines tank, which is 13, 300 cu ft, or 99,500 gal; and

203CR - North Fines tank of 13, 300 cu ft, or 99,500 gal.

The total volume for these tanks for fee purposes is 199,000 gal.

**Conditions for unit with permit number: T002316.**

1. The owner/operator shall comply with all applicable Regulations and Rules of this District. Applicable rules include, but are not necessarily limited to those in Regulation IV.

[Applies to all conditions above; Rule 204 - Permit Conditions; Version in SIP = CARB

Ex. Order G-73, 40 CFR 52.220(c)(39)(ii)(B) - 11/09/78 43 FR 52237; Current Rule  
Version = 07/25/77]

**ED. STORAGE - ROCK FINES (500 TON BIN), MDAQMD permit number T002317, consisting of:**

001SW - Fines tank, which is 7, 820 cu ft (or 58,090 gal for fee purposes).

**Conditions for unit with permit number: T002317.**

1. This unit shall not be used (filled or emptied) unless vented to properly operating baghouse (DCL 71) under valid District permit C002397.

[Applies to all conditions above; Rule 204 - Permit Conditions; Version in SIP = CARB  
Ex. Order G-73, 40 CFR 52.220(c)(39)(ii)(B) - 11/09/78 43 FR 52237; Current Rule  
Version = 07/25/77]

**EE. OVERFLOW STORAGE TANK, MDAQMD permit number T002318, consisting of:**

011DS - a 8860 cu ft storage bin (65,820 gal, for fee purposes).

**Conditions for unit with permit number: T002318.**

1. This unit shall not be used (filled or emptied) unless vented to properly operating baghouse (DCL 04) under valid District permit C000656.

[Applies to all conditions above; Rule 204 - Permit Conditions; Version in SIP = CARB  
Ex. Order G-73, 40 CFR 52.220(c)(39)(ii)(B) - 11/09/78 43 FR 52237; Current Rule  
Version = 07/25/77]

**EF. STORAGE BINS - MILL FEED, MDAQMD permit number T002319, consisting of:**

Four identical silos, each with a capacity of 5600 cu ft (or 42, 300 gal for fee purposes for a total of 169, 200 gal).

The silos are:

017TY SW; 017TY NE; 017TY NW and 017TY SE.

**Conditions for unit with permit number: T002319.**

1. This unit shall not be used (filled or emptied) unless vented to properly operating baghouse (DCL 38) under valid District permit C000714, which serves as the Primary Collector for Granules Plant Screening (District permit B000616).

[Applies to all conditions above; Rule 204 - Permit Conditions; Version in SIP = CARB  
Ex. Order G-73, 40 CFR 52.220(c)(39)(ii)(B) - 11/09/78 43 FR 52237; Current Rule  
Version = 07/25/77]

**EG. SILO -BLENDER STORAGE BINS, MDAQMD permit number T002320, consisting of:**

Storage Silo W1 (13,000 cu ft, 97,200 gallons)  
Storage Silo W2 (11,810 cu ft, 88,300 gallons) controlled by DCL 91 (C003714)  
Storage Silo W3 (12,940 cu ft, 86,800 gallons) controlled by DCL 94 (C007770)  
Storage Silo W4 (10,304 cu ft, 77,100 gallons) controlled by DCL 09 (C002334)  
Storage Silo E1 (11,810 cu ft, 88,300 gallons) controlled by DCL 92 (C003713)  
Storage Silo E2 (11,700 cu ft, 87,500 gallons) controlled by DCL 94 (C007770)  
Storage Silo M1 (2,000 cu ft, 16,500 gallons)  
Storage Silo E3 (10,304 cu ft, 77,100 gallons) controlled by DCL 61 (C002332)

**Conditions for unit with permit number: T002320**

1. The silos above which have a dust collector (designated by a DCL number) shall only operate concurrently with the respective DCL. The remainder of the silos contain materials of a sufficiently large particle size to not warrant adjust collection at the present time.

[Applies to all conditions above; Rule 204 - Permit Conditions; Version in SIP = CARB Ex. Order G-73, 40 CFR 52.220(c)(39)(ii)(B) - 11/09/78 43 FR 52237; Current Rule Version = 07/25/77]

***EH. STORAGE - GLASS SAND SILOS, MDAQMD permit number T002321, consisting of:***

011KF 1000 ton West Silo 25 ft in diameter and 22, 580 cu ft  
012KF 1000 ton East Silo 25 ft in diameter and 22, 580 cu ft  
021KF 500 ton 4 quadrant, 25 ft in diameter, 14,7500 cu ft

**Conditions for unit with permit number: T002321.**

1. The owner/operator shall comply with all applicable Regulations and Rules of this District. Applicable rules include, but are not necessarily limited to those in Regulation IV.

NOTE: for fee purposes the total gallons are 448, 200.

[Applies to all conditions above; Rule 204 - Permit Conditions; Version in SIP = CARB Ex. Order G-73, 40 CFR 52.220(c)(39)(ii)(B) - 11/09/78 43 FR 52237; Current Rule Version = 07/25/77]

***EI. STORAGE - BLENDER 65 TON LOADOUT SILOS, MDAQMD permit number T002322, consisting of:***

011BS 5075 NE silo, whose capacity is 65 ton (2040 cu ft) and is vented to DCL 16 (District permit C002344)  
011BS 5075 NW silo, whose capacity is 65 ton (2040 cu ft) and is vented to DCL 63 (District permit C003257)  
011BS 4030 SE silo, whose capacity is 65 ton (2040 cu ft) and is vented to DCL 10

(District permit C000685) and  
011BS 200C SW silo, whose capacity is 65 ton (2040 cu ft) and is vented to DCL 10.

**Conditions for unit with permit number: T002322.**

1. These units shall not be used (filled or emptied) unless vented to properly DCLs under valid District permits, which are described above.
2. This equipment shall be operated and maintained in strict accord with the recommendations of the manufacturer.

[Applies to all conditions above; Rule 204 - Permit Conditions; Version in SIP = CARB Ex. Order G-73, 40 CFR 52.220(c)(39)(ii)(B) - 11/09/78 43 FR 52237; Current Rule Version = 07/25/77]

**EJ. STORAGE BIN SYSTEM, MDAQMD permit number T002323, consisting of:**

181TY for Roof Rock, which is 4 bins, each with a capacity of 890 cu ft (total equivalent volume for permit purposes is 26,629 gal). SMI named these silos: 1 through 4.

**Conditions for unit with permit number: T002323.**

1. This unit shall not be used (filled or emptied) unless vented to properly operating baghouse (DCL 38) under valid District permit C000714, which also serves the Granules Plant Screening System (under District permit B000616).

[Applies to all conditions above; Rule 204 - Permit Conditions; Version in SIP = CARB Ex. Order G-73, 40 CFR 52.220(c)(39)(ii)(B) - 11/09/78 43 FR 52237; Current Rule Version = 07/25/77]

**EK. RANGER 8 AND PACKING SILO, MDAQMD permit number T002324, consisting of:**

A 2120 cu ft Ranger 8 silo, SMI designated 752RB, which for permit fee purposes is 15858 gallons.

**Conditions for unit with permit number: T002324.**

1. This unit shall not be used (filled or emptied) unless vented to properly operating baghouse (DCL 46) under valid District permit C000716.

[Applies to all conditions above; Rule 204 - Permit Conditions; Version in SIP = CARB Ex. Order G-73, 40 CFR 52.220(c)(39)(ii)(B) - 11/09/78 43 FR 52237; Current Rule Version = 07/25/77]

**EL. RAYMOND MILL BULK BIN, MDAQMD permit number T002325, consisting of:**

A 4490 cu ft bin serving the No. 4 Raymond Mill. This bin is designated 704RD by SMI. For permit billing purposes this bin is 33,585 gallons.

**Conditions for unit with permit number: T002325.**

1. The owner/operator shall comply with all applicable Regulations and Rules of this District. Applicable rules include, but are not necessarily limited to those in Regulation IV.

[Applies to all conditions above; Rule 204 - Permit Conditions; Version in SIP = CARB Ex. Order G-73, 40 CFR 52.220(c)(39)(ii)(B) - 11/09/78 43 FR 52237; Current Rule Version = 07/25/77]

**EM. VICRON STORAGE BIN (10/2), MDAQMD permit number T002326, consisting of:**

A 2774 cu ft bin designated L209 by SMI. For permit billing purposes this bin is 20,750 gallons.

**Conditions for unit with permit number: T002326.**

1. This unit shall not be used (filled or emptied) unless vented to properly operating baghouse (DCL 50) under valid District permit C002349.

[Applies to all conditions above; Rule 204 - Permit Conditions; Version in SIP = CARB Ex. Order G-73, 40 CFR 52.220(c)(39)(ii)(B) - 11/09/78 43 FR 52237; Current Rule Version = 07/25/77]

**EN. FUEL OIL STORAGE TANK, MDAQMD permit number T002327, consisting of:**

An above ground tank of 200,000 gal capacity, which is used to store No. 2 fuel oil.

**Conditions for unit with permit number: T002327.**

1. The owner/operator shall comply with all applicable portions of District Rule 463, which applies to storing of organic liquids.

[Applies to all conditions above; Rule 204 - Permit Conditions; Version in SIP = CARB Ex. Order G-73, 40 CFR 52.220(c)(39)(ii)(B) - 11/09/78 43 FR 52237; Current Rule Version = 07/25/77]

**EO. STORAGE BIN (BLENDER 175), MDAQMD permit number T003711, consisting of:**

175 ton bin for Blender Truck Loadout. Ancillary equipment consists of the existing truck scales, loadout spout (SP175), a sampler, butterfly valve (BV175) and knife gate valve (SLG175). Total volume of this bin for fee purposes is calculated assuming 75 lb/cu ft (175 ton x 2000 lb/ton x 1/75 ft<sup>3</sup>/lb x 7.48 gal/ft<sup>3</sup> = 34,900 gal).

**Conditions for unit with permit number: T003711.**

1. This equipment shall not be operated unless vented to the properly functioning baghouse (DCL 18) under valid District permit C007777.

[Applies to all conditions above; Rule 204 - Permit Conditions; Version in SIP = CARB Ex. Order G-73, 40 CFR 52.220(c)(39)(ii)(B) - 11/09/78 43 FR 52237; Current Rule Version = 07/25/77]

**EP. STORAGE - VICRON (BIG BERT), MDAQMD permit number T004364, consisting of:**

A 175 ton bin. Included are the necessary electrical and pneumatic lines, instrumentation and valving as well as the bin vent dust collector. This system will be fed by the system that currently feeds the four compartment storage bin (District permit B000670), which will continue to be used. Additionally, this system will also continue to use existing truck loadout facilities (District permit B000609).

For billing purposes this unit has a volume of 41,900 gallons.

**Conditions for unit with permit number: T004364.**

1. The owner/operator shall comply with all applicable Regulations and Rules of this District. Applicable rules include, but are not necessarily limited to those in Regulation IV.
2. This unit shall not be used (filled or emptied) unless vented to properly operating baghouse (DCL93) under valid District permit C004830.

[Applies to all conditions above; Rule 204 - Permit Conditions; Version in SIP = CARB Ex. Order G-73, 40 CFR 52.220(c)(39)(ii)(B) - 11/09/78 43 FR 52237; Current Rule Version = 07/25/77]

**EQ. RAYMOND MILL NO. 7 PRODUCT STORAGE AND LOADOUT, MDAQMD permit number T008970, consisting of:**

Storage bins and related bin vent control devices serving the No. 7 Raymond Mill Storage and Bulk Loadout. Each bin vent is a CPE Filters Model 8M-BF-064-C baghouse equipped with polyester bags totaling 603 square feet of filter area serving 3600 acfm of pneumatic conveyor air flow (for an air to cloth ratio of 6.0:1).

Bin 701 (9415 cubic feet, 70,440 gallons), served by Bin Vent DCL 784

Bin 702 (12,110 cubic feet, 90,600 gallons), served by Bin Vent DCL 785

Bin 703 (3070 cubic feet, 22,960 gallons), served by Bin Vent DCL 786

Bin 704 (3070 cubic feet, 22,960 gallons), served by Bin Vent DCL 787

Bin 705 (2890 cubic feet, 21,650 gallons), served by Bin Vent DCL 788

Bin 706 (2890 cubic feet, 21,650 gallons), served by Bin Vent DCL 789

SCU 701 - Truck Scale #7 RM

**Conditions for unit with permit number: T008970.**

1. The owner/operator (o/o) shall maintain this equipment in strict accord with those recommendations of the manufacturer/supplier and/or sound engineering principles which produce the minimum emissions of air contaminants.
2. This equipment shall not be filled unless vented through properly operating silo bin vents and DCL 790 (C008974). This equipment shall discharge only with

- concurrent operation of DCL 790 (C008974).
3. The o/o shall maintain on-site a minimum inventory of replacement bags that assures compliance with these conditions.
  4. The o/o shall conduct a minimum program of inspection and maintenance on the silo bin vents. The o/o shall maintain current and on-site for five (5) years a log of the following information, which shall be provided to District personnel upon request:
    - a. Quarterly bag and bag suspension system inspection date and results;
    - b. Date of bag replacements; and,
    - c. Date and nature of any system repairs.
  5. This equipment shall be operated in compliance with applicable requirements of 40 CFR 60 Subpart OOO - Standards of Performance for Nonmetallic Mineral Processing Plants.

[Applies to all conditions above; Rule 204 - Permit Conditions; Version in SIP = CARB Ex. Order G-73, 40 CFR 52.220(c)(39)(ii)(B) - 11/09/78 43 FR 52237; Current Rule Version = 07/25/77]

[40 CFR 70.6(a)(3)(ii)(B); Rule 1203(D)(1)(d)(ii)]

[40 CFR 70.6 (a)(3)(i)(B) - Periodic Monitoring Requirements]

[40 CFR 60.670 et seq - NSPS Subpart OOO]

[Rule 1303 - *Requirements*; Version in SIP = as amended 3/25/96, 40 CFR 52.220(c)(239)(:)(A)(1) - 11/13/96 61 FR 58133; current rule version = 9/24/01]

**ER. RAYMOND MILL NO. 7 FEED BIN, MDAQMD permit number T008973, consisting of:**

Designated BIN RMB 707, vented to DCL 941.  
Feed Bin - 7355 cubic feet (55,023 gallons)

**Conditions for unit with permit number: T008973.**

1. The owner/operator (o/o) shall maintain this equipment in strict accord with those recommendations of the manufacturer/supplier and/or sound engineering principles which produce the minimum emissions of air contaminants.
2. This equipment shall not be operated without venting to DCL 941 (C008969).
3. This equipment shall be operated in compliance with applicable requirements of 40 CFR 60 Subpart OOO - Standards of Performance for Nonmetallic Mineral Processing Plants.
4. The o/o shall conduct an initial compliance test per NSPS Subpart OOO requirements, including PM (USEPA Method 5 or equivalent) and/or opacity (USEPA Method 9 or equivalent) testing as applicable for each baghouse, bin vent and fugitive emission point (transfer point or other) associated with this equipment.

[Applies to all conditions above; Rule 204 - Permit Conditions; Version in SIP = CARB  
Ex. Order G-73, 40 CFR 52.220(c)(39)(ii)(B) - 11/09/78 43 FR 52237; Current Rule  
Version = 07/25/77]

**Basic, Raymond Mill**

**ES. RAYMOND MILL FINE GRIND CLASSIFIER CIRCUIT, MDAQMD permit number**

**B009062, consisting of:**

ROT 601 Classifier Feed Rotary Valve  
CLS 601 Classifier Rotor  
FAN 601 Classifier Fan  
ROT 602 Classifier Product Rotary Valve  
ROT 603 Classifier Discharge Rotary Valve  
BLR 201 Classifier Product Pneumatic Blower  
ROT 201 Classifier Product Pneumatic Rotary Valve

**Conditions for unit with permit number: B009062.**

1. Operation of this equipment shall be conducted in accordance with all data and specifications submitted with the application under which this permit is issued unless otherwise noted below.
2. The owner/operator (o/o) shall maintain this equipment in strict accord with those recommendations of the manufacturer/supplier and/or sound engineering principles which produce the minimum emissions of air contaminants.
3. This equipment shall operate concurrently with and vent to the air pollution control equipment operating under District permit C009063 (DCL 77).
4. This equipment shall process no more than 416,100 tons per rolling twelve calendar month period.
5. The o/o shall conduct a minimum program of inspection and maintenance on this equipment. The o/o shall maintain current and on-site for five (5) years a log of the following information, which shall be provided to District, State and/or Federal personnel upon request:
  - a. Monthly throughput in tons;
  - b. Cumulative twelve month throughput in tons;
  - c. Quarterly stack and transfer/fugitive emission point observation date and result (using USEPA Method 22, and USEPA Method 9 if necessary); and,
  - d. Date and nature of any system repairs.
6. This equipment shall be operated in compliance with all applicable requirements of 40 CFR 60 Subpart OOO - Standards of Performance for Nonmetallic Mineral Processing Plants.
7. This equipment shall not discharge into the atmosphere an exhaust stream that exhibits greater than the following opacity:

- a. All transfer points and fugitive emission points - ten percent (40 CFR 60.672(b))

[Applies to all conditions above; Rule 204 - Permit Conditions; Version in SIP = CARB Ex. Order G-73, 40 CFR 52.220(c)(39)(ii)(B) - 11/09/78 43 FR 52237; Current Rule Version = 07/25/77]

[40 CFR 70.6(a)(3)(ii)(B); Rule 1203(D)(1)(d)(ii)]

[40 CFR 70.6 (a)(3)(i)(B) - Periodic Monitoring Requirements]

[40 CFR 60.670 et seq - NSPS Subpart OOO]

[Rule 1303 - *Requirements*; Version in SIP = as amended 3/25/96, 40 CFR 52.220(c)(239)(:)(A)(1) - 11/13/96 61 FR 58133; current rule version = 9/24/01]

***Baghouse, Raymond Mill***

**ET. BAGHOUSE (DCL 77, RAYMOND MILL CLASSIFIER), MDAQMD permit number C009063, consisting of:**

**Conditions for unit with permit number: C009063.**

1. The owner/operator (o/o) shall maintain this baghouse in strict accord with those recommendations of the manufacturer/supplier and/or sound engineering principles which produce the minimum emissions of air contaminants.
2. This baghouse shall operate concurrently with the Raymond Mill Fine Grind Classifier Circuit (B009062).
3. The o/o shall conduct a minimum program of inspection and maintenance on this equipment. The o/o shall maintain current and on-site for five (5) years a log of the following information, which shall be provided to District personnel upon request:
  - a. Monthly baghouse stack observation date and result (using USEPA Method 22, and USEPA Method 9 if necessary);
  - b. Quarterly bag and bag suspension system inspection date and results;
  - c. Quarterly reading of baghouse pressure drop, date and value (if a manometer is present);
  - d. Date of bag replacements; and,
  - e. Date and nature of any system repairs.
4. This baghouse shall be operated in compliance with applicable requirements of 40 CFR 60 Subpart OOO - Standards of Performance for Nonmetallic Mineral Processing Plants.
5. This baghouse shall not discharge into the atmosphere an exhaust stream that exhibits greater than seven percent opacity (40 CFR 60.672(a)).
6. This baghouse shall discharge no more than 0.30 pounds per hour of PM<sub>10</sub> at a maximum concentration of 0.01 grains/dscf at the operating conditions given in the above description (BACT). This equipment does not require a regularly

scheduled emission compliance test. However, emission compliance testing may be required at the discretion of the District.

7. This unit shall be equipped with a device to measure the pressure differential across the bags (manometer).
8. The o/o shall maintain on-site a minimum inventory of replacement bags that assures compliance with these conditions.

[Applies to all conditions above; Rule 204 - Permit Conditions; Version in SIP = CARB Ex. Order G-73, 40 CFR 52.220(c)(39)(ii)(B) - 11/09/78 43 FR 52237; Current Rule Version = 07/25/77]

[40 CFR 70.6(a)(3)(ii)(B); Rule 1203(D)(1)(d)(ii)]

[40 CFR 70.6 (a)(3)(i)(B) - Periodic Monitoring Requirements]

[40 CFR 60.670 et seq - NSPS Subpart OOO]

[Rule 1303 - *Requirements*; Version in SIP = as amended 3/25/96, 40 CFR

52.220(c)(239)(:)(A)(1) - 11/13/96 61 FR 58133; current rule version = 9/24/01]

### ***Basic, Crushing and Screening***

#### **EY. CRUSHING AND SCREENING, MDAQMD permit number B009461, consisting of:**

A Powerscreen crusher and screener powered and propelled by a Chieftain 1400 T diesel IC engine, Model No. BF4M2012CE72/1, Serial No. 6608470. This diesel engine is subject to the requirements of Title 13 CCR 2449????

#### **Conditions for unit with permit number: B009461.**

1. Operation of this equipment shall be conducted in accordance with all data and specifications submitted with the application under which this permit is issued unless otherwise noted below.
2. This equipment shall be installed, operated and maintained in strict accord with those recommendations of the manufacturer/supplier and/or sound engineering principles which produce the minimum emissions of contaminants.
3. This equipment shall be operated in compliance with all applicable requirements of 40 CFR 60 Subpart OOO - Standards of Performance for Nonmetallic Mineral Processing Plants.
4. The o/o shall maintain a current operations log for this unit for a minimum of five (5) years, and shall provide the log to District, State or Federal personnel upon request. The log shall include, at a minimum, the information specified below:
  - a. Annual production in terms of total calendar year amount of material screened and/or crushed in tons;
5. This equipment shall not process more than 750,000 tons per year (based on 3000 hours per year operation at the maximum hourly capacity of 250 tons per hour).
6. This equipment shall not discharge into the atmosphere an exhaust stream that exhibits an opacity during any one hour (ten 6-minute averages) greater than the

following;

- a. Ten (10) percent opacity from all transfer points, screens and fugitive emission points (40 CFR 60.672(b)), and/or
- b. Fifteen (15) percent opacity from all crushers (40 CFR 60.672(b)).
7. Visible emissions from this system shall not exceed an opacity equal to or greater than twenty percent (20%) for a period aggregating more than three (3) minutes in any one (1) hour, excluding uncombined water vapor. [District Rule 401(b)]
8. The owner/operator shall comply with all applicable Rules and Regulations of the District. Applicable rules include, but are not necessarily limited to Rules 401, 402, and 403 which pertain to Visible Emissions, Nuisance, and Fugitive Dust respectively.

[Applies to all conditions above; Rule 204 - Permit Conditions; Version in SIP = CARB Ex. Order G-73, 40 CFR 52.220(c)(39)(ii)(B) - 11/09/78 43 FR 52237; Current Rule Version = 07/25/77]

[40 CFR 70.6(a)(3)(ii)(B); Rule 1203(D)(1)(d)(ii)]

[40 CFR 70.6 (a)(3)(i)(B) - Periodic Monitoring Requirements]

[40 CFR 60.670 et seq - NSPS Subpart OOO]

[Rule 1303 - *Requirements*; Version in SIP = as amended 3/25/96, 40 CFR

52.220(c)(239):(A)(1) - 11/13/96 61 FR 58133; current rule version = 9/24/01]

### **Basic, Feeder**

#### **FC. TRAILER MOUNTED FEEDER AND CONVEYOR BELT (MDAQMD permit B011734)**

1. Equipment shall be operated/maintained according to the recommendations of the manufacturer/supplier and/or sound engineering principles. [District Rule 204]
2. The owner or operator must perform monthly periodic inspections to check that water is flowing to discharge spray nozzles in the wet suppression system. The owner or operator must initiate corrective action within 24 hours and complete corrective action as expeditiously as practical if the owner or operator finds that water is not flowing properly during an inspection of the water spray nozzles. The owner or operator must record each inspection of the water spray nozzles, including the date of each inspection and any corrective actions taken, in the logbook. [40 CFR 60.674 (b)]
3. The owner/operator shall comply with all applicable Rules and Regulations of the District. Applicable rules include, but are not necessarily limited to Rules 401, 402, and 403 which pertain to Visible Emissions, Nuisance, and Fugitive Dust respectively. [Rule 204]

4. Water sprays shall be used to control fugitive emissions at all conveyor points of charge and discharge. [District Regulation IV and Regulation XIII]
5. Roadways, work areas and stockpiles shall be kept wetted to control fugitive dust. Equipment to properly wet the material being processed shall be maintained in operable condition on-site and used as necessary to assure compliance. [District Reg IV]
6. This equipment shall not discharge into the atmosphere an exhaust stream that exhibits an opacity during any one hour (ten 6-minute averages) greater than the following; a) Ten (10) percent opacity from all transfer points, and fugitive emission points. [40 CFR 60.672]
7. A facility log shall be maintained on-site for at least five (5) years and made available to District, State, or Federal personnel upon request. This log shall contain, at a minimum: a) Tons of product produced per day, b) Tons of product produced per month, c) Tons of product produced per year, and d) Water spray system inspection records including any corrective actions taken to return system to normal operation. [40 CFR Part 60.676(b); Rule 1303]
8. This equipment shall be operated in compliance with all applicable requirements of 40 CFR 60 Subpart OOO Standards of Performance for Nonmetallic Mineral Processing Plants. In the event of conflict between Permit conditions and the requirements of 40 CFR 60 Subpart OOO, the more stringent requirements shall govern. [Rule 1303]
9. Whenever this equipment is in operation, Elevator ELV 17 and all other equipment upstream of it, permitted as B000611 shall not be in operation and no material will be mined in the quarry or fed to the Primary Rock Crusher Line. This condition is part of Simultaneous Emission Reductions (SERs) associated with permitting this equipment. [Regulation XIII]

***Emergency I.C.E.***

***FD. DIESEL IC ENGINE, EMERGENCY AIR COMPRESSOR (MDA QMD permit E008743)***

1. This existing, diesel engine, and any associated air pollution control equipment, shall be installed, operated, and maintained in strict accord with those recommendations of the manufacturer/supplier and in a manner consistent with safety and good air pollution control practices for minimizing emissions. Unless otherwise noted, this equipment shall also be operated in accordance with all data and specifications submitted with the application for this permit. [40 CFR 63.6605(a); 63.6605 (b)]
2. A non-resettable four-digit (9,999) hour timer shall be installed and maintained on

this equipment to indicate elapsed engine operating time. [17 CCR 93115.10(d); 40 CFR 63.6655(f)]

3. This engine shall only be fired on ultra-low sulfur diesel fuel, whose sulfur concentration is less than or equal to 0.0015% (15 ppm) on a weight per weight basis per CARB Diesel or equivalent requirements. This equipment shall only be fired on diesel fuel that meets the following requirements, or an alternative fuel approved by the ATCM for Stationary CI Engines. O/o shall demonstrate compliance using fuel purchase records. Fuel purchase records must be retained on-site or at an offsite central location within California:
  - a. Ultra-low sulfur concentration of 0.0015% (15 ppm) or less, equal to a weight per weight basis; and,
  - b. A cetane index or aromatic content, as follows:
    - (i) A minimum cetane index of 40; or,
    - (ii) A maximum aromatic content of 35 volume percent.[17 CCR 93115.5(a); 40 CFR 63.6604]
4. This equipment shall be limited to use for emergency power, defined as in response to a fire or when commercially available power (or the normal power source) has been interrupted. In addition, this unit shall be operated no more than 20 hours per year for testing and maintenance. [17 CCR 93115.6(b)(3); 40 CFR 63.6675; 40 CFR 63.6640(f)]
5. The owner/operator shall maintain an operations log for this equipment current and on-site (or at a central location) for a minimum of five (5) years, and this log shall be provided to District, State, and/or Federal personnel, upon request. The log shall include, at a minimum, the information specified below:
  - a. Date of each use and duration of each use (in hours);
  - b. Reason for use (testing & maintenance, emergency, required emission testing);
  - c. Maintenance records including corrective actions undertaken to restore engine to its normal operating mode following a malfunction; [40 CFR 63.6655(a)(5)]
  - d. Calendar year operation in terms of total hours; and
  - e. Fuel purchase records.
6. This engine is subject to the requirements of 40 CFR 63, Subpart ZZZZ, and pursuant to this federal regulation, this engine is required to meet the following compliance requirements by May 3, 2013:

The owner/operator of this equipment shall demonstrate continuous compliance by committing to a maintenance schedule inclusive of the management practice requirements listed below:

- a. Change oil and oil filter every 500 hours of operation or annually,

whichever comes first (source has the option to utilize an oil analysis program pursuant to 40 CFR 63.6625(i) in order to extend the specified oil change requirement.);

- b. Inspect air cleaner every 1,000 hours of operation or annually, whichever comes first;
- c. Inspect all hoses and belts every 500 hours of operation or annually, whichever comes first, and replace as necessary; and [40 CFR 63.6603(a) and 63.6640(a)]
- d. Minimize the engine's time spent at idle during startup and minimize the engine's startup time to a period needed for appropriate and safe loading of the engine, not to exceed 30 minutes, after which time the emission standards applicable to all times other than startup apply. [40 CFR 63.6625 (h)]

Please note; maintenance may be delayed if shutting down the engine would pose an unacceptable risk. [40 CFR 63.6655]

- 7. This equipment may operate in response to notification of impending rotating outage if the area utility has ordered rotating outages in the area where the engine is located or expects to order such outages at a particular time, the engine is located in the area subject to the rotating outage, the engine is operated no more than 30 minutes prior to the forecasted outage, and the engine is shut down immediately after the utility advises that the outage is no longer imminent or in effect. [17 CCR 93115.6(b)(1), and 40 CFR 63.6640(f)(iii)]
- 8. This equipment shall not be used to provide power during a voluntary agreed to power outage and/or power reduction initiated under an Interruptible Service Contract (ISC); Demand Response Program (DRP); Load Reduction Program (LRP) and/or similar arrangement(s) with the electrical power supplier. [17 CCR 93115.6(c)(2)(C)]

## PART IV STANDARD FEDERAL OPERATING PERMIT CONDITIONS

### A. STANDARD CONDITIONS:

1. If any portion of this Federal Operating Permit is found to be invalid by the final decision of a court of competent jurisdiction the remaining portion(s) of this Federal Operating Permit shall not be affected thereby.  
[40 CFR 70.6(a)(5); Rule 1203(D)(1)(f)(i)]
2. Owner/Operator shall comply with all condition(s) contained herein. Noncompliance with any condition(s) contained herein constitutes a violation of the Federal Clean Air Act and of MDAQMD Regulation XII and is grounds for enforcement action; termination, revocation and re-issuance, or modification of this Federal Operating Permit; and/or grounds for denial of a renewal of this Federal Operating Permit.  
[40 CFR 70.6(a)(6)(i); Rule 1203(D)(1)(f)(ii)]
3. It shall not be a defense in an enforcement action brought for violation(s) of condition(s) contained in this Federal Operating Permit that it would have been necessary to halt or reduce activity to maintain compliance with those condition(s).  
[40 CFR 70.6(a)(6)(ii); Rule 1203(D)(1)(f)(iii)]
4. This Federal Operating Permit may be modified, revoked, reopened or terminated for cause.  
[40 CFR 70.6(a)(6)(iii); Rule 1203(D)(1)(f)(iv)]
5. The filing of an application for modification; a request for revocation and re-issuance; a request for termination; notifications of planned changes; or anticipated noncompliance with condition(s) does not stay the operation of any condition contained in this Federal Operating Permit.  
[40 CFR 70.6(a)(6)(iii); Rule 1203(D)(1)(f)(v)]
6. The issuance of this Federal Operating Permit does not convey any property rights of any sort nor does it convey any exclusive privilege.  
[40 CFR 70.6(a)(6)(iv); Rule 1203(D)(1)(f)(vi)]
7. Owner/Operator shall furnish to the MDAQMD, within a reasonable time as specified by the MDAQMD, any information that the MDAQMD may request in writing.  
[40 CFR 70.6(a)(6)(v); Rule 1203(D)(1)(f)(vii)]

8. Owner/Operator shall furnish to District, state or federal personnel, upon request, copies of any records required to be kept pursuant to condition(s) of this Federal Operating Permit.  
[40 CFR 70.6(a)(6)(v); Rule 1203(D)(1)(f)(viii)]
9. Any records required to be generated and/or kept by any portion of this Federal Operating Permit shall be retained by the facility Owner/Operator for at least five (5) years from the date the records were created.  
[40 CFR 70.6(a)(3)(ii)(B); Rule 1203(D)(1)(d)(ii)]
10. Owner/Operator shall pay all applicable fees as specified in MDAQMD Regulation III, including those fees related to permits as set forth in Rules 301 and 312.  
[40 CFR 70.6(a)(7); Rule 1203(D)(1)(f)(ix)]
11. Owner/Operator shall not be required to revise this permit for approved economic incentives, marketable permits, emissions trading or other similar programs provided for in this permit.  
[40 CFR 70.6(a)(8); Rule 1203(D)(1)(f)(x)]
12. Compliance with condition(s) contained in this Federal Operating Permit shall be deemed compliance with the Applicable Requirement underlying such condition(s). The District clarifies that “only” Applicable Requirements listed & identified elsewhere in this Title V Permit are covered by this Permit Shield and does not extend to any unlisted/unidentified conditions pursuant to the requirements of 40 CFR 70.6(f)(1)(i).  
[40 CFR 70.6(f)(1)(i); Rule 1203(G)(1)]
13. The Permit Shield set forth above, in condition 12 of Part IV, shall not be construed to limit the emergency powers of USEPA as set forth in 42 U.S.C. §7603.  
[40 CFR 70.6(f)(3)(i); Rule 1203(G)(3)(a)]
14. The Permit Shield set forth above, in condition 12 of Part IV, shall not be construed to limit liability for violations, which occurred prior to the issuance of this Federal Operating Permit.  
[40 CFR 70.6(f)(3)(ii); Rule 1203(G)(3)(b)]
15. The Permit Shield set forth above, in condition 12 of Part IV, shall not be construed to alter any Applicable Requirement Contained in the Acid Rain Program.  
[40 CFR 70.6(f)(3)(iii); Rule 1203(G)(3)(c)]
16. The Permit Shield set forth above, in condition 12 of Part IV, shall not be construed to limit the ability of USEPA or the MDAQMD to obtain information

pursuant to other provisions of law including but not limited to 42 U.S.C. §7414.  
[40 CFR 70.6(f)(3)(iv); Rule 1203(G)(3)(d)]

17. The Permit Shield set forth above, in condition 12 of Part IV, shall not be construed to apply to emissions trading pursuant to provisions contained in an applicable State Implementation Plan.  
[40 CFR 70.4(b)(12)(ii)(B); Rule 1203(G)(3)(e)]
18. The Permit Shield set forth above, in condition 12 of Part IV, shall not be construed to apply to changes made which are not expressly allowed by this Federal Operating Permit.  
[40 CFR 70.4(b)(14)(iii); Rule 1203(G)(3)(f)]
19. The Permit Shield set forth in Part IV, condition 12, shall not be construed to apply to changes made pursuant to the Significant Permit Modification provisions until such changes are included in this Federal Operating Permit.  
[40 CFR 70.5(a)(1)(ii), 70.7(e)(2)(vi); Rule 1203 (G)(3)(g)]
20. If Owner/Operator performs maintenance on, or services, repairs, or disposes of appliances, Owner/Operator shall comply with the standards for Recycling and Emissions Reduction pursuant to 40 CFR Part 82, Subpart F. These requirements are Federally Enforceable through this Title V Permit.  
[40 CFR Part 82, Subpart F]
21. If Owner/Operator performs service on motor vehicles when this service involves the ozone-depleting refrigerant in the motor vehicle air conditioner (MVAC), Owner/Operator shall comply with the standards for Servicing of Motor Vehicle Air Conditioners pursuant to all the applicable requirements as specified in 40 CFR Part 82, Subpart B. These requirements are Federally Enforceable through this Title V Permit.  
[40 CFR Part 82, Subpart B]
22. Notwithstanding the testing requirements contained elsewhere in this Title V Permit, any credible evidence may be used to establish violations, including but not limited to; reference test methods, engineering calculations, indirect estimates of emissions, CEMS data, and parametric monitoring data. Data need not be required to be collected in a Title V permit in order to be considered credible.  
[Section 113(a) of the Clean Air Act]

## PART V OPERATIONAL FLEXIBILITY

### ALTERNATIVE OPERATING SCENARIO(S):

- A. OFF PERMIT CHANGES**
- I. Permittee may make a proposed change to equipment covered by this permit that is not expressly allowed or prohibited by this permit if:
- A. Permittee has applied for and obtained all permits and approvals required by MDAQMD Regulation II and Regulation XII unless the equipment involved in the change is exempt from obtaining such permits and approvals pursuant to the provisions of Rule 219; and
1. The proposed change is not:
    - a. Subject to any requirements under Title IV of the Federal Clean Air Act; or *[See 1203(E)(1)(c)(i)d.]*
    - b. A modification under Title I of the Federal Clean Air Act; or
    - c. A modification subject to Regulation XIII; and *[See 1203(E)(1)(c)(i) d.]*
    - d. The change does not violate any Federal, State or Local requirement, including an applicable requirement; and *[See 1203(E)(1)(c)(i)c.]*
    - e. The change does not result in the exceedance of the emissions allowable under this permit (whether expressed as an emissions rate or in terms of total emissions). *[See 1203(E)(1)(c)(i)e.]*
- II. Procedure for “Off Permit” Changes
- A. If a proposed “Off Permit Change” qualifies under Part V, Section (B)(I)(A)(1) above, permittee shall implement the change as follows:
1. Permittee shall apply for an Authority To Construct permit pursuant to the provisions of Regulation II. *[See 1203(E)(1)(c)(i)b.]*
  2. In addition to the information required pursuant to the provisions of Regulation II and Regulation XIII such application shall include:
    - a. A notification that this application is also an application for an “Off Permit” Change pursuant to this condition; and *[See 1203(E)(1)(c)(i)b.]*
    - b. A list of any new Applicable Requirements which would apply as a result of the change; and *[See 1203(E)(1)(c)(i)b.]*

- c. A list of any existing Applicable Requirements, which would cease to apply as a result of the change. *[See 1203(E)(1)(c)(i)c.]*
    - 3. Permittee shall forward a copy of the application and notification to USEPA upon submitting it to the District. *[See 1203(E)(1)(c)(i)a.]*
  - B. Permittee may make the proposed change upon receipt from the District of the Authority to Construct Permit or thirty (30) days after forwarding the copy of the notice and application to USEPA whichever occurs later. *[See 1203(E)(1)(c)(i)a. and g.]*
  - C. Permittee shall attach a copy of the Authority to Construct Permit and any subsequent Permit to Operate, which evidences the Off Permit Change to this Title V permit. *[See 1203(E)(1)(c)(i)f.]*
  - D. Permittee shall include each Off-Permit Change made during the term of the permit in any renewal application submitted pursuant to Rule 1202(B)(3)(b). *[See 1203(E)(1)(c)(i)f.]*
- III. Other Requirements:
  - A. The provisions of Rule 1205 – Modifications do not apply to an Off Permit Change made pursuant to this condition.
  - B. The provisions of Rule 1203(G) – Permit Shield do not apply to an Off Permit Change made pursuant to this condition. *[See 40 CFR 70.4(b)(i)(B)]*

[Rule 1203(E)(1)(c)]

## PART VI CONVENTIONS, ABBREVIATIONS, DEFINITIONS

### A. CONVENTIONS

The following referencing conventions are used in this federal operating permit:

- 40 CFR Part 60, Standards of Performance for New Stationary Sources (NSPS)
- 40 CFR Part 60, Appendix F, Quality Assurance Procedures
- 40 CFR Part 61, National Emission Standards for Hazardous Air Pollutants (NESHAPS)
- 40 CFR Part 61, Subpart M, National Emission Standards for Asbestos
- 40 CFR Part 63--National Emission Standards For Hazardous Air Pollutants For Affected Source Categories
- 40 CFR Part 72, Permits Regulation (Acid Rain Program)
- 40 CFR Part 73, Sulfur Dioxide Allowance System
- 40 CFR Part 75, Continuous Emission Monitoring
- 40 CFR Part 75, Subpart D, Missing Data Substitution Procedures
- 40 CFR Part 75, Appendix B, Quality Assurance and Quality Control Procedures
- 40 CFR Part 75, Appendix C, Missing Data Estimating Procedures
- 40 CFR Part 75, Appendix D, Optional SO<sub>2</sub> Emissions Data Protocol
- 40 CFR Part 75, Appendix F, Conversion Procedures
- 40 CFR Part 75, Appendix G, Determination of CO<sub>2</sub> Emissions

### B. OTHER CONVENTIONS:

1. Unless otherwise noted, a “day” shall be considered a 24-hour period from midnight to midnight (i.e., calendar day).
2. The process unit identifications represent the District permit number designations. These numbers are not sequential. The use of District permit numbers provides continuity between the District and Federal Operating Permit systems.

### C. ABBREVIATIONS

Abbreviations used in this permit are as follows:

CFR                      Code of Federal Regulations

APCO	Air Pollution Control Officer
bhp	brake horsepower
Btu	British thermal units
CCR	California Code of Regulations
CEMS	continuous emissions monitoring system
CO	carbon monoxide
CO <sub>2</sub>	carbon dioxide
District	Mojave Desert Air Quality Management District (formed July 1993)
MDAQMD	Mojave Desert Air Quality Management District (formed July 1993)
MD	Mojave Desert Air Quality Management District (formed July 1993)
SB	San Bernardino County APCD (1975 to formation of MDAQMD)
gr/dscf	grains per dry standard cubic foot
gpm	gallons per minute
gph	gallons per hour
hp	horse power
H&SC	California Health and Safety Code
lb	pounds
lb / hr	pounds per hour
lb / MM Btu	pounds per million British thermal units
MM Btu	million British thermal units
MM Btu/hr	million British thermal units per hour
MW	Megawatt electrical power
MW(e) net	net Megawatt electrical power
NH <sub>3</sub>	ammonia
NMOC	non-methane organic compounds
NO <sub>x</sub>	oxides of nitrogen
NO <sub>2</sub>	nitrogen dioxide
O <sub>2</sub>	oxygen
pH	pH (acidity measure of solution)
PM <sub>10</sub>	particulate matter less than 10 microns aerodynamic diameter
ppmv	parts per million by volume
psig	pounds per square inch gauge pressure
QA	quality assurance
rpm	revolutions per minute
RVP	Reid vapor pressure
SCAQMD	South Coast Air Quality Management District
scfm	standard cubic feet per minute
scfh	standard cubic feet per hour
SIC	Standard Industrial Classification
SIP	State of California Implementation Plan

SO <sub>x</sub>	oxides of sulfur
SO <sub>2</sub>	sulfur dioxide
tpy	tons per year
TVP	true vapor pressure

## Attachment A NSPS Subpart A and Subpart OOO Requirements

§60.672(a and Table 2 limit stack particulate matter (PM) emissions to 0.022 gr/dscf for any transfer point for belt conveyors or any other affected facility constructed, modified, or reconstructed before April 22, 2008, including multiple storage bins with combined stack emissions (not including baghouses that control emissions only from an individual enclosed storage bin.

§60.672(a and Table 2 limit stack emission opacity to 7% for any transfer point for belt conveyors or any other affected facility constructed, modified, or reconstructed before April 22, 2008, including multiple storage bins with combined stack emissions.

§60.672(b) and Table 3 limit fugitive emission opacity to 10% for any transfer point on belt conveyors or any other affected facility constructed, modified, or reconstructed before April 22, 2008.

§60.672(b) and Table 3 limit fugitive emission opacity to 15% from any crusher at which a capture system is not used constructed, modified, or reconstructed before April 22, 2008.

§60.672(d) truck dumping is exempt from above limits.

§60.672(f) limits stack emission opacity to 7% for any baghouse constructed, modified, or reconstructed before April 22, 2008 that controls emissions from only an individual enclosed storage bin.

§60.7(a)(4) requires notification to the Administrator of planned changes to the operation of equipment.

§60.7(b) requires the retention of records of the occurrence and duration of any startup, shutdown, or malfunction in operation.

§60.11(c) states that the opacity standards set forth in this part shall apply at all times except during periods of startup, shutdown, and malfunction.

§60.11(d) requires that at all times, including periods of startup, shutdown and malfunction, owners and operators shall, to the extent practicable, maintain and operate any affected facility including associated air pollution control equipment in a manner consistent with good air pollution control practice for minimizing emissions.

§60.8 and §60.675 perform initial compliance testing within 60 days after achieving the maximum production rate at which the affected facility will be operated, but not later than 180 days after initial startup and at such other times as may be required by the Administrator under Section 114 of the Clean Air Act. Conduct test under such conditions as the Administrator shall specify to the plant operator based on representative performance of the affected facility. Use EPA Method 5 or Method 17 to determine compliance with the PM standard and use EPA Method 9 to determine compliance with the opacity standard.

- The sample volume shall be at least 1.70 dscm (60 dscf). For Method 5, if the gas stream being sampled is at ambient temperature, the sampling probe and filter may be operated without heaters. If the gas stream is above ambient temperature, the sampling probe and filter may be operated at a temperature high enough, but no higher than 121° C (250° F), to prevent water condensation on the filter.  
For transfer points on belt conveyors and any other affected facility, including multiple storage bins with combined stack emissions, the minimum total time of observations shall be 30 minutes (five 6-minute averages).
- For baghouses that control emissions only from an individual enclosed storage bin, the duration of the Method 9 observations shall be one hour (ten six-minute averages). The duration of the Method 9 observations may be reduced to the duration the affected facility operates (but not less than 30 minutes) for baghouses that control storage bins or enclosed truck or railcar loading stations that operate for less than 1 hour at a time.
- The minimum distance between the observer and the emission sources shall be 4.57 meters (15 feet). The observer shall, when possible, select a position that minimizes interference from other fugitive emission sources (e.g., road dust). The required observer position relative to the sun (Method 9, Section 2.1) must be followed. For affected facilities using wet dust suppression for particulate matter control, the spray sometimes generates a visible mist. The water mist must not be confused with particulate matter emissions and is not to be considered a visible emission. When a water mist of this nature is present, the observation of emissions is to be made at a point in the plume where the mist is no longer visible.
- A 30-day notice is required prior to the initial performance test. If the test only involves Method 9 testing, the 30-day notice may be reduced to a 7-day notice.

§60.676(a) specifies required information in case of equipment replacement.

§60.676(f) requires submission of a written report of all performance tests conducted to demonstrate compliance with the PM and opacity standards.

§60.676(h) waives the requirement for notification of the anticipated date of initial startup.

§60.676(i) requires notification to the Administrator of the actual date of initial startup.