

## Attachment 10.4 Equipment List – Main Plant and Celpure Plant

### A PERMITTED EQUIPMENT

#### 1 Receiving, Conveying, Crushing & Storage Equip (Tbl A-1)

##### 1.1 Storage piles (glory hole stock piles)

<i>Device ID #</i>	<b>103275</b>	<i>Device Name</i>	<b>Storage piles (glory hole stock piles)</b>
<i>Rated Heat Input</i>		<i>Physical Size</i>	8.00 Acres of Storage Piles
<i>Manufacturer</i>		<i>Operator ID</i>	
<i>Model</i>		<i>Serial Number</i>	
<i>Location Note</i>			
<i>Device Description</i>	The piles are located above the vertical shafts (glory holes) that feed the crude D.E. ore into the plant.		

##### 1.2 Crushing Plant Storage Bins

<i>Device ID #</i>	<b>000043</b>	<i>Device Name</i>	<b>Crushing Plant Storage Bins</b>
<i>Rated Heat Input</i>		<i>Physical Size</i>	9.60 MMcf/Minute
<i>Manufacturer</i>		<i>Operator ID</i>	
<i>Model</i>		<i>Serial Number</i>	
<i>Location Note</i>			
<i>Device Description</i>			

##### 1.3 Spiked Roller Mills

<i>Device ID #</i>	<b>103277</b>	<i>Device Name</i>	<b>Spiked Roller Mills</b>
<i>Rated Heat Input</i>		<i>Physical Size</i>	150.00 Tons/Hour
<i>Manufacturer</i>		<i>Operator ID</i>	
<i>Model</i>		<i>Serial Number</i>	
<i>Location Note</i>			
<i>Device Description</i>			

##### 1.4 Hammer Mills

<i>Device ID #</i>	<b>103278</b>	<i>Device Name</i>	<b>Hammer Mills</b>
<i>Rated Heat Input</i>		<i>Physical Size</i>	150.00 Tons/Hour
<i>Manufacturer</i>		<i>Operator ID</i>	CP2
<i>Model</i>		<i>Serial Number</i>	
<i>Location Note</i>			
<i>Device Description</i>	Sizes raw ore beside the loading station		

## 1.5 Crushing Plant Ventilation Baghouse

<i>Device ID #</i>	<b>000100</b>	<i>Device Name</i>	<b>Crushing Plant Ventilation Baghouse</b>
<i>Rated Heat Input</i>		<i>Physical Size</i>	
<i>Manufacturer</i>	JM / Mikro-Pulsaire	<i>Operator ID</i>	CRVBH
<i>Model</i>	672R-8-20 TRH	<i>Serial Number</i>	
<i>Location Note</i>			
<i>Device Description</i>	General Process Descrip: Ventilation crushers, #1,2,3,4,5,6 crude bins, belts, 6crude bin discharge		
	Pos./Neg: Neg.		
	Number of Socks: 672		
	Bag Diam. (in): 4.5		
	Bag Length (ft): 8.0		
	Total Cloth Area: 6334		
	Est Air Flow: 34000		
	Est. A/C Ratio:		
	Fabric Material: 16 oz polyprop		
	Cleaning Method: pulse jet.		

## 1.6 Conveyors

<i>Device ID #</i>	<b>103279</b>	<i>Device Name</i>	<b>Conveyors</b>
<i>Rated Heat Input</i>		<i>Physical Size</i>	Tons Processed
<i>Manufacturer</i>		<i>Operator ID</i>	
<i>Model</i>		<i>Serial Number</i>	
<i>Location Note</i>	The conveyors serve the crushing equipment and the processing line feed bins as shown in drawing No. D-101076 (dated June 23, 1952).		
<i>Device Description</i>			

## 2 Powder Mills (Tbl A-2)

### 2.1 Line No. 3

#### 2.1.1 Processing Line #3 (drying, milling, separating)

##### 2.1.1.1 Line 3 Furnace

<i>Device ID #</i>	<b>103303</b>	<i>Device Name</i>	<b>Line 3 Furnace</b>
<i>Rated Heat Input</i>	45.000 MMBtu/Hour	<i>Physical Size</i>	394200.00 MMBtu/yr
<i>Manufacturer</i>		<i>Operator ID</i>	
<i>Model</i>		<i>Serial Number</i>	APCD ID 2-8
<i>Location Note</i>	Note (c) Unless otherwise indicated, combustion equipment burns PUC quality natural gas (primary) or No. 6 residual oil (secondary). Ratings are from ATCs 9353 and 9367. The heat input ratings have been adjusted from 1000 Btu/scf fuel to		

1250  
*Device Description* May be fired on PUC gas/#2, #4, or #6 Fuel Oil/Propane; Control Device: 3CHEAF

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### 2.1.1.2 Cyclones

<i>Device ID #</i>	103304	<i>Device Name</i>	Cyclones
<i>Rated Heat Input</i>		<i>Physical Size</i>	
<i>Manufacturer</i>		<i>Operator ID</i>	
<i>Model</i>		<i>Serial Number</i>	
<i>Location Note</i>			
<i>Device Description</i>			

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### 2.1.1.3 Hoppers

<i>Device ID #</i>	103311	<i>Device Name</i>	Hoppers
<i>Rated Heat Input</i>		<i>Physical Size</i>	
<i>Manufacturer</i>		<i>Operator ID</i>	
<i>Model</i>		<i>Serial Number</i>	
<i>Location Note</i>			
<i>Device Description</i>	Natural Baghouse (7) hoppers, supercel baghouse (10), Soda Ash system (1)		

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### 2.1.1.4 Bins

<i>Device ID #</i>	103309	<i>Device Name</i>	Bins
<i>Rated Heat Input</i>		<i>Physical Size</i>	
<i>Manufacturer</i>		<i>Operator ID</i>	
<i>Model</i>		<i>Serial Number</i>	
<i>Location Note</i>			
<i>Device Description</i>	(2) Crude ore bins, (1) soda ash mill bin, (2) surge bins		

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### 2.1.1.5 Pre-separators

<i>Device ID #</i>	103306	<i>Device Name</i>	Pre-separators
<i>Rated Heat Input</i>		<i>Physical Size</i>	
<i>Manufacturer</i>		<i>Operator ID</i>	301A, 301B, and 302
<i>Model</i>		<i>Serial Number</i>	
<i>Location Note</i>			
<i>Device Description</i>			

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### 2.1.1.6 Separators

<i>Device ID #</i>	103307	<i>Device Name</i>	Separators
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<i>Rated Heat Input</i>	<i>Physical Size</i>	
<i>Manufacturer</i>	<i>Operator ID</i>	301A, 301B
<i>Model</i>	<i>Serial Number</i>	
<i>Location Note</i>		
<i>Device Description</i>		

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### 2.1.1.7 Re-separator

<b>Device ID #</b>	<b>103308</b>	<b>Device Name</b>	<b>Re-separator</b>
<i>Rated Heat Input</i>		<i>Physical Size</i>	
<i>Manufacturer</i>		<i>Operator ID</i>	
<i>Model</i>		<i>Serial Number</i>	
<i>Location Note</i>			
<i>Device Description</i>			

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### 2.1.1.8 Screens

<b>Device ID #</b>	<b>103310</b>	<b>Device Name</b>	<b>Screens</b>
<i>Rated Heat Input</i>		<i>Physical Size</i>	
<i>Manufacturer</i>		<i>Operator ID</i>	
<i>Model</i>		<i>Serial Number</i>	
<i>Location Note</i>			
<i>Device Description</i>	(4) Sweco screens, (1) Scalper Screen		

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### 2.1.1.9 3 Dry End Baghouse

<b>Device ID #</b>	<b>103323</b>	<b>Device Name</b>	<b>3 Dry End Baghouse</b>
<i>Rated Heat Input</i>		<i>Physical Size</i>	67300.00 scf/Minute
<i>Manufacturer</i>	JM Open	<i>Operator ID</i>	3DBH
<i>Model</i>	Orlon	<i>Serial Number</i>	APCD ID 3-15
<i>Location Note</i>			
<i>Device Description</i>	Baghouse product collection; Positive Pressure; Bag Diam. (in): 9.0; Bag Length (ft): 51.0; Total Cloth Area: 67293; Est. A/C Ratio: 1.0		

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### 2.1.1.10 Soda Ash Mill

<b>Device ID #</b>	<b>103312</b>	<b>Device Name</b>	<b>Soda Ash Mill</b>
<i>Rated Heat Input</i>		<i>Physical Size</i>	
<i>Manufacturer</i>		<i>Operator ID</i>	CP41
<i>Model</i>		<i>Serial Number</i>	
<i>Location Note</i>			
<i>Device Description</i>	Receives soda ash from storage bin and discharged into dispersing screen discharge line; consists of a storage bin, weigh belt feeder, hopper, screw conveyor,		

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and pulverizer

### 2.1.1.113 Natural BH

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<b>Device ID #</b>	<b>103324</b>	<b>Device Name</b>	<b>3 Natural BH</b>
<i>Rated Heat Input</i>		<i>Physical Size</i>	25000.00 scf/Minute
<i>Manufacturer</i>	JM Open	<i>Operator ID</i>	3NBH
<i>Model</i>	Orlon	<i>Serial Number</i>	
<i>Location Note</i>			
<i>Device Description</i>	3 system natural product collection; Positive Pressure; Bag Diam. (in): 9.0; Bag Length (ft): 64.0; Total Cloth Area: 59112; Est. A/C Ratio: 1.0		

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### 2.1.1.12 Line 3 Kiln

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<b>Device ID #</b>	<b>103302</b>	<b>Device Name</b>	<b>Line 3 Kiln</b>
<i>Rated Heat Input</i>	56.250 MMBtu/Hour	<i>Physical Size</i>	492750.00 MMBtu/yr
<i>Manufacturer</i>		<i>Operator ID</i>	
<i>Model</i>		<i>Serial Number</i>	
<i>Location Note</i>			
<i>Device Description</i>	May be fired on PUC gas/#2, #4, or #6 Fuel Oil/Propane; Control Device: 3CHEAF		

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### 2.1.1.13 Conveyor Belts

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<b>Device ID #</b>	<b>103313</b>	<b>Device Name</b>	<b>Conveyor Belts</b>
<i>Rated Heat Input</i>		<i>Physical Size</i>	
<i>Manufacturer</i>		<i>Operator ID</i>	
<i>Model</i>		<i>Serial Number</i>	
<i>Location Note</i>			
<i>Device Description</i>	System #3		

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### 2.1.1.143 Natural BH

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<b>Device ID #</b>	<b>000105</b>	<b>Device Name</b>	<b>3 Natural BH</b>
<i>Rated Heat Input</i>		<i>Physical Size</i>	25000.00 scf/Minute
<i>Manufacturer</i>	JM Open	<i>Operator ID</i>	3NBH
<i>Model</i>	Orlon	<i>Serial Number</i>	
<i>Location Note</i>			
<i>Device Description</i>	3 system natural product collection; Positive Pressure; Bag Diam. (in): 9.0; Bag Length (ft): 64.0; Total Cloth Area: 59112; Est. A/C Ratio: 1.0		

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### 2.1.2 Processing Line #3 (packing)

### 2.1.2.1 Packer Bins

<b>Device ID #</b>	<b>106106</b>	<b>Device Name</b>	<b>Packer Bins</b>
<i>Rated Heat Input</i>		<i>Physical Size</i>	
<i>Manufacturer</i>	Johns-Manville	<i>Operator ID</i>	
<i>Model</i>		<i>Serial Number</i>	
<i>Location Note</i>			
<i>Device Description</i>	Packer Bins: A, P, S.C, and "Ten Pound"		

### 2.1.2.2 Bulk Bins

<b>Device ID #</b>	<b>106107</b>	<b>Device Name</b>	<b>Bulk Bins</b>
<i>Rated Heat Input</i>		<i>Physical Size</i>	
<i>Manufacturer</i>	St. Regis	<i>Operator ID</i>	#1 and #2
<i>Model</i>		<i>Serial Number</i>	
<i>Location Note</i>			
<i>Device Description</i>			

### 2.1.3 Capture System and Control Devices (Line #3 Wet End)

#### 2.1.3.1 Cleanable High Efficiency Air Filter (3CHEAF)

<b>Device ID #</b>	<b>000104</b>	<b>Device Name</b>	<b>Cleanable High Efficiency Air Filter (3CHEAF)</b>
<i>Rated Heat Input</i>		<i>Physical Size</i>	60000.00 dscfm
<i>Manufacturer</i>	Johns-Manville	<i>Operator ID</i>	3CHEAF
<i>Model</i>		<i>Serial Number</i>	
<i>Location Note</i>			
<i>Device Description</i>	Wet End Control System		

#### 2.1.3.2 Cyclone

<b>Device ID #</b>	<b>106109</b>	<b>Device Name</b>	<b>Cyclone</b>
<i>Rated Heat Input</i>		<i>Physical Size</i>	
<i>Manufacturer</i>		<i>Operator ID</i>	301
<i>Model</i>		<i>Serial Number</i>	
<i>Location Note</i>			
<i>Device Description</i>			

#### 2.1.3.3 Waste Bin

<b>Device ID #</b>	<b>106110</b>	<b>Device Name</b>	<b>Waste Bin</b>
<i>Rated Heat Input</i>		<i>Physical Size</i>	

Manufacturer  
Model  
Location Note  
Device Description

Operator ID  
Serial Number

with knife gate to permit waste to be transferred into dump trucks.

## 2.1.4 Capture System and Control Devices (Line #3 Packing)

### 2.1.4.1 3 Air Sifter Ventilation (new)

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<b>Device ID #</b>	<b>103317</b>	<b>Device Name</b>	<b>3 Air Sifter Ventilation (new)</b>
Rated Heat Input		Physical Size	473.00 scf/Minute
Manufacturer	DCE	Operator ID	3ASBH
Model	PTFE Material	Serial Number	
Location Note			
Device Description	Ventilates the 3 System air sifter; Negative pressure; Bag Diam. (in): cartridge; Bag Length (ft): 4'x 17"; Total Cloth Area: 168; Est. A/C Ratio: 2.7		

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### 2.1.4.2 3 automatic packing station Baghouse (345)

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<b>Device ID #</b>	<b>000108</b>	<b>Device Name</b>	<b>3 automatic packing station Baghouse (345)</b>
Rated Heat Input		Physical Size	40000.00 scf/Minute
Manufacturer	Fabric Filters Northwest	Operator ID	345BH
Model	16 oz Polypropylene	Serial Number	
Location Note			
Device Description	Ventilation 3 A/P Packing equipment; Negative pressure; Bag Diam. (in): 5.0; Bag Length (ft): 12.0; Total Cloth Area: 8671; Est. A/C Ratio: 4.0		

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### 2.1.4.3 3 Air Sifter Ventilation Baghouse

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<b>Device ID #</b>	<b>006471</b>	<b>Device Name</b>	<b>3 Air Sifter Ventilation Baghouse</b>
Rated Heat Input		Physical Size	473.00 scf/Minute
Manufacturer	DCE	Operator ID	3ASBH
Model	PTFE Material	Serial Number	
Location Note			
Device Description	Ventilates the 3 System air sifter; Negative pressure; Bag Diam. (in): cartridge; Bag Length (ft): 4'x 17"; Total Cloth Area: 168; Est. A/C Ratio: 2.7		

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## 2.1.5 Blowers

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<b>Device ID #</b>	<b>103305</b>	<b>Device Name</b>	<b>Blowers</b>
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Rated Heat Input  
Manufacturer  
Model  
Location Note  
Device Description

Physical Size  
Operator ID  
Serial Number

### 2.1.6 Screws

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<b>Device ID #</b>	<b>103315</b>	<b>Device Name</b>	<b>Screws</b>
Rated Heat Input		Physical Size	
Manufacturer		Operator ID	
Model		Serial Number	
Location Note			
Device Description	Coarse and AS Screw		

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### 2.1.7 Baghouses - Prod Line 3

#### 2.1.7.1 305 Baghouse

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<b>Device ID #</b>	<b>000134</b>	<b>Device Name</b>	<b>305 Baghouse</b>
Rated Heat Input		Physical Size	19509.00 scf/Minute
Manufacturer	JM Open	Operator ID	305BH
Model	Orlon Fabric	Serial Number	
Location Note			
Device Description	dark floss production collection; Positive pressure; Bag Diam. (in): 9.0; Bag Length (ft): 46.0; Total Cloth Area: 19509; Est. A/C Ratio: 1.0; Open		

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#### 2.1.7.2 378 Baghouse / 3 Dry End

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<b>Device ID #</b>	<b>000109</b>	<b>Device Name</b>	<b>378 Baghouse / 3 Dry End</b>
Rated Heat Input		Physical Size	45150.00 scf/Minute
Manufacturer	Amer. Air Filter	Operator ID	378BH
Model	gortex/polyester	Serial Number	
Location Note			
Device Description	Ventilation line 3 pack. equip., dry end & truck & railcar load station, 978 supplement, 3A packers, Jolter bin bulk packing unit; Negative pressure; Bag Diam. (in): 5.5; Bag Length (ft): 11.7; Total Cloth Area: 7283; Est. A/C Ratio: 6.1		

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#### 2.1.7.3 3 Bulk Bin Baghouse

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<b>Device ID #</b>	<b>000151</b>	<b>Device Name</b>	<b>3 Bulk Bin Baghouse</b>
Rated Heat Input		Physical Size	3600.00 scf/Minute
Manufacturer	DCE - Sintamatic	Operator ID	3BBVBH
Model	polyethylene, PTFE	Serial Number	

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coating  
*Location Note*  
*Device Description* Ventilation bulk bin, 3 semi-bulk station; Negative pressure; Bag Diam. (in): cartridge; Bag Length (ft): 5' 1.25"; Total Cloth Area: 850; enclosed

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### 2.1.7.4 3 Dry End Baghouse

<i>Device ID #</i>	<b>000106</b>	<i>Device Name</i>	<b>3 Dry End Baghouse</b>
<i>Rated Heat Input</i>		<i>Physical Size</i>	
<i>Manufacturer</i>	JM Open	<i>Operator ID</i>	3DBH
<i>Model</i>	Orlon	<i>Serial Number</i>	
<i>Location Note</i>			
<i>Device Description</i>			

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## 2.2 Line No. 5

### 2.2.1 Processing Line #5 (drying, milling separating)

#### 2.2.1.1 Line 5 Kiln

<i>Device ID #</i>	<b>103326</b>	<i>Device Name</i>	<b>Line 5 Kiln</b>
<i>Rated Heat Input</i>	43.750 MMBtu/Hour	<i>Physical Size</i>	383250.00 MMBtu/yr
<i>Manufacturer</i>		<i>Operator ID</i>	
<i>Model</i>		<i>Serial Number</i>	
<i>Location Note</i>	Note (c) Unless otherwise indicated, combustion equipment burns PUC quality natural gas (primary) or No. 6 residual oil (secondary). Ratings are from ATCs 9353 and 9367. The heat input ratings have been adjusted from 1000 Btu/scf fuel to 1250 Btu/scf fuel.		
<i>Device Description</i>	Fired on PUC gas/#2, #4, or #6 Fuel Oil/Propane; Control Device: 5HEVSCR		

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#### 2.2.1.2 Line 5 Furnace

<i>Device ID #</i>	<b>103327</b>	<i>Device Name</i>	<b>Line 5 Furnace</b>
<i>Rated Heat Input</i>	45.000 MMBtu/Hour	<i>Physical Size</i>	394200.00 MMBtu/yr
<i>Manufacturer</i>		<i>Operator ID</i>	
<i>Model</i>		<i>Serial Number</i>	APCD ID 2-10
<i>Location Note</i>	Note (c) Unless otherwise indicated, combustion equipment burns PUC quality natural gas (primary) or No. 6 residual oil (secondary). Ratings are from ATCs 9353 and 9367. The heat input ratings have been adjusted from 1000 Btu/scf fuel to 1250 Btu/scf fuel.		
<i>Device Description</i>	Fired on PUC gas/#2, #4, or #6 Fuel Oil/Propane; Control Device: 5HEVSCR		

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### 2.2.1.3 Cyclones

<b>Device ID #</b>	<b>103328</b>	<b>Device Name</b>	<b>Cyclones</b>
<i>Rated Heat Input</i>		<i>Physical Size</i>	
<i>Manufacturer</i>		<i>Operator ID</i>	
<i>Model</i>		<i>Serial Number</i>	
<i>Location Note</i>			
<i>Device Description</i>	#501 - 503 A - C, 505 A-B, 506, 509-512 (current PTO lists 11)		

### 2.2.1.4 5 Dry End Baghouse

<b>Device ID #</b>	<b>000117</b>	<b>Device Name</b>	<b>5 Dry End Baghouse</b>
<i>Rated Heat Input</i>		<i>Physical Size</i>	58315.00 scf/Minute
<i>Manufacturer</i>	JM Open	<i>Operator ID</i>	5DBH
<i>Model</i>	Orlon	<i>Serial Number</i>	
<i>Location Note</i>			
<i>Device Description</i>	Baghouse product collection; Positive pressure; Bag Diam. (in): 9.0; Bag Length (ft): 50.0; Total Cloth Area: 58316; Est. A/C Ratio: 1.0; open		

### 2.2.1.5 Blowers

<b>Device ID #</b>	<b>103329</b>	<b>Device Name</b>	<b>Blowers</b>
<i>Rated Heat Input</i>		<i>Physical Size</i>	
<i>Manufacturer</i>		<i>Operator ID</i>	511B
<i>Model</i>		<i>Serial Number</i>	
<i>Location Note</i>			
<i>Device Description</i>	27 blowers plus: (#532) furnace primary blower, (#531) secondary furnace blower, (2) soda ash system and (3) rotary kiln		

### 2.2.1.6 Screens

<b>Device ID #</b>	<b>103333</b>	<b>Device Name</b>	<b>Screens</b>
<i>Rated Heat Input</i>		<i>Physical Size</i>	
<i>Manufacturer</i>		<i>Operator ID</i>	
<i>Model</i>		<i>Serial Number</i>	
<i>Location Note</i>			
<i>Device Description</i>	(2) Sweco screens, (1) scalping screen		

### 2.2.1.7 Hoppers

<b>Device ID #</b>	<b>103334</b>	<b>Device Name</b>	<b>Hoppers</b>
<i>Rated Heat Input</i>		<i>Physical Size</i>	
<i>Manufacturer</i>		<i>Operator ID</i>	

<i>Model</i>	<i>Serial Number</i>
<i>Location Note</i>	
<i>Device Description</i>	(8) hoppers natural baghouse, (9) hoppers dry baghouse, (1) soda ash system hopper, (1) weigh hopper, (1) reject hopper

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### 2.2.1.8 5 Dry End Ventilation Baghouse

<b>Device ID #</b>	<b>000118</b>	<b>Device Name</b>	<b>5 Dry End Ventilation Baghouse</b>
<i>Rated Heat Input</i>		<i>Physical Size</i>	19438.00 scf/Minute
<i>Manufacturer</i>	JM Open	<i>Operator ID</i>	5DVBH
<i>Model</i>	Polyester	<i>Serial Number</i>	
<i>Location Note</i>			
<i>Device Description</i>	511 cyclone discharge and 511B blower; Positive pressure; Bag Diam. (in): 9.0; Bag Length (ft): 50.0; Total Cloth Area: 19439; Est. A/C Ratio: 1.0; open		

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### 2.2.1.9 Pre-separators

<b>Device ID #</b>	<b>103330</b>	<b>Device Name</b>	<b>Pre-separators</b>
<i>Rated Heat Input</i>		<i>Physical Size</i>	
<i>Manufacturer</i>		<i>Operator ID</i>	501A, 501B, 502
<i>Model</i>		<i>Serial Number</i>	
<i>Location Note</i>			
<i>Device Description</i>			

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### 2.2.1.10 Re-Separators

<b>Device ID #</b>	<b>103331</b>	<b>Device Name</b>	<b>Re-Separators</b>
<i>Rated Heat Input</i>		<i>Physical Size</i>	
<i>Manufacturer</i>		<i>Operator ID</i>	
<i>Model</i>		<i>Serial Number</i>	
<i>Location Note</i>			
<i>Device Description</i>	Two separators and one re-separator		

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### 2.2.1.11 Soda Ash Mill

<b>Device ID #</b>	<b>103335</b>	<b>Device Name</b>	<b>Soda Ash Mill</b>
<i>Rated Heat Input</i>		<i>Physical Size</i>	
<i>Manufacturer</i>		<i>Operator ID</i>	
<i>Model</i>		<i>Serial Number</i>	
<i>Location Note</i>			
<i>Device Description</i>	includes a storage bin, belt feeder, hopper, screw conveyor, pulverizer, and (2) blowers		

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### 2.2.1.12 Conveyor Belts

<b>Device ID #</b>	<b>103336</b>	<b>Device Name</b>	<b>Conveyor Belts</b>
<i>Rated Heat Input</i>		<i>Physical Size</i>	
<i>Manufacturer</i>		<i>Operator ID</i>	
<i>Model</i>		<i>Serial Number</i>	
<i>Location Note</i>			
<i>Device Description</i>	(1) soda ash screw conveyors, (12) conveyors, (2) refeed conveyors		

### 2.2.1.13 Bins

<b>Device ID #</b>	<b>106146</b>	<b>Device Name</b>	<b>Bins</b>
<i>Rated Heat Input</i>		<i>Physical Size</i>	
<i>Manufacturer</i>		<i>Operator ID</i>	
<i>Model</i>		<i>Serial Number</i>	
<i>Location Note</i>			
<i>Device Description</i>	(2) crude ore bins, (1) soda ash storage bin, (1) reject bin		

## 2.2.2 Processing Line #5 (packing)

### 2.2.2.1 Packer Bins

<b>Device ID #</b>	<b>103332</b>	<b>Device Name</b>	<b>Packer Bins</b>
<i>Rated Heat Input</i>		<i>Physical Size</i>	
<i>Manufacturer</i>		<i>Operator ID</i>	5P, 5SC, 5AP
<i>Model</i>		<i>Serial Number</i>	
<i>Location Note</i>			
<i>Device Description</i>	Packer Bins: 5P, 5SC, 5AP		

## 2.2.3 Capture System and Control Devices (Line #5)

### 2.2.3.1 Waste Bin

<b>Device ID #</b>	<b>106116</b>	<b>Device Name</b>	<b>Waste Bin</b>
<i>Rated Heat Input</i>		<i>Physical Size</i>	
<i>Manufacturer</i>		<i>Operator ID</i>	
<i>Model</i>		<i>Serial Number</i>	
<i>Location Note</i>			
<i>Device Description</i>			

### 2.2.3.2 High Efficiency Venturi Scrubber

<b>Device ID #</b>	<b>000115</b>	<b>Device Name</b>	<b>High Efficiency Venturi Scrubber</b>
<i>Rated Heat Input</i>		<i>Physical Size</i>	50000.00 dscfm
<i>Manufacturer</i>		<i>Operator ID</i>	5VSCR
<i>Model</i>		<i>Serial Number</i>	
<i>Location Note</i>			
<i>Device Description</i>	Wet End Control System		

### 2.2.3.3 Cyclone

<b>Device ID #</b>	<b>106117</b>	<b>Device Name</b>	<b>Cyclone</b>
<i>Rated Heat Input</i>		<i>Physical Size</i>	
<i>Manufacturer</i>		<i>Operator ID</i>	504
<i>Model</i>		<i>Serial Number</i>	
<i>Location Note</i>			
<i>Device Description</i>			

### 2.2.3.4 Blowers

<b>Device ID #</b>	<b>106118</b>	<b>Device Name</b>	<b>Blowers</b>
<i>Rated Heat Input</i>		<i>Physical Size</i>	
<i>Manufacturer</i>		<i>Operator ID</i>	
<i>Model</i>		<i>Serial Number</i>	
<i>Location Note</i>			
<i>Device Description</i>			

## 2.2.4 Baghouses - Prod Line 5

### 2.2.4.1 5 Air Sifter Ventilation Baghouse

<b>Device ID #</b>	<b>006472</b>	<b>Device Name</b>	<b>5 Air Sifter Ventilation Baghouse</b>
<i>Rated Heat Input</i>		<i>Physical Size</i>	473.00 scf/Minute
<i>Manufacturer</i>	DCE	<i>Operator ID</i>	5ASBH
<i>Model</i>	PTFE	<i>Serial Number</i>	
<i>Location Note</i>			
<i>Device Description</i>	Ventilates the 5 System air sifter; Negative pressure; Bag Diam. (in): cartridge; Bag Length (ft): 4' x 17"; Total Cloth Area: 168; Est. A/C Ratio: 2.7; enclosed		

### 2.2.4.2 5 Automatic station Baghouse (578)

<b>Device ID #</b>	<b>000119</b>	<b>Device Name</b>	<b>5 Automatic station Baghouse (578)</b>
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<i>Rated Heat Input</i>		<i>Physical Size</i>	31500.00 scf/Minute
<i>Manufacturer</i>	Mikro-Pulsaire	<i>Operator ID</i>	5APVBH
<i>Model</i>	Polypropylene	<i>Serial Number</i>	
<i>Location Note</i>			
<i>Device Description</i>	Ventilation 5 AP equipment and 5 PS bulk packing unit; Negative pressure; Bag Diam. (in): 4.5; Bag Length (ft): 12.0; Total Cloth Area: 6729; Est. A/C Ratio: 4.5; enclosed		

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### 2.2.5 Pumps

<b>Device ID #</b>	<b>103337</b>	<b>Device Name</b>	<b>Pumps</b>
<i>Rated Heat Input</i>		<i>Physical Size</i>	
<i>Manufacturer</i>		<i>Operator ID</i>	
<i>Model</i>		<i>Serial Number</i>	
<i>Location Note</i>			
<i>Device Description</i>	Number of devices is currently unknown		

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### 2.2.6 Screws

<b>Device ID #</b>	<b>103338</b>	<b>Device Name</b>	<b>Screws</b>
<i>Rated Heat Input</i>		<i>Physical Size</i>	
<i>Manufacturer</i>		<i>Operator ID</i>	
<i>Model</i>		<i>Serial Number</i>	
<i>Location Note</i>			
<i>Device Description</i>	Coarse and AS screw shared with Line 3		

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### 2.3 Line No. 6

<b>Device ID #</b>	<b>103256</b>	<b>Device Name</b>	<b>Line No. 6</b>
<i>Rated Heat Input</i>		<i>Physical Size</i>	37.90 Tons/Hour
<i>Manufacturer</i>		<i>Operator ID</i>	
<i>Model</i>		<i>Serial Number</i>	
<i>Location Note</i>	Note (a): Unless otherwise noted, the rate is shown in a letter from Steve Kirby, Manville Attorney, to Joan Heredia, APCD Engineer, dated December 11, 1989.		
<i>Device Description</i>	Max Dry Production Rate (a): 18.7 tons/hr		

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#### 2.3.1 Processing Line #6 (drying, milling, separating)

##### 2.3.1.1 Line 6 Kiln

<b>Device ID #</b>	<b>103345</b>	<b>Device Name</b>	<b>Line 6 Kiln</b>
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<i>Rated Heat Input</i>	50.000 MMBtu/Hour	<i>Physical Size</i>	438000.00 MMBtu/yr
<i>Manufacturer Model</i>		<i>Operator ID</i>	
<i>Location Note</i>	Note (c) Unless otherwise indicated, combustion equipment burns PUC quality natural gas (primary) or No. 6 residual oil (secondary). Ratings are from ATCs 9353 and 9367. The heat input ratings have been adjusted from 1000 Btu/scf fuel to 1250.		
<i>Device Description</i>	Fired on PUC gas/#2, #4, or #6 Fuel Oil/Propane; Control Device: 6CHEAF		

### 2.3.1.2 Hoppers

<b>Device ID #</b>	<b>106128</b>	<b>Device Name</b>	<b>Hoppers</b>
<i>Rated Heat Input</i>		<i>Physical Size</i>	
<i>Manufacturer Model</i>		<i>Operator ID</i>	
<i>Location Note</i>		<i>Serial Number</i>	
<i>Device Description</i>	(6) natural baghouse hoppers, (6) #601 baghouse hoppers, (3) superfine baghouse hoppers, (9) #602 baghouse hoppers, (1) soda ash hopper		

### 2.3.1.3 Bins

<b>Device ID #</b>	<b>106129</b>	<b>Device Name</b>	<b>Bins</b>
<i>Rated Heat Input</i>		<i>Physical Size</i>	
<i>Manufacturer Model</i>		<i>Operator ID</i>	
<i>Location Note</i>		<i>Serial Number</i>	
<i>Device Description</i>	(4) Crude bins, (2) soda ash storage bins, (1) refeed bin, (1) reject/refeed bin, (1) surge bin		

### 2.3.1.4 Hoppers

<b>Device ID #</b>	<b>106130</b>	<b>Device Name</b>	<b>Hoppers</b>
<i>Rated Heat Input</i>		<i>Physical Size</i>	
<i>Manufacturer Model</i>		<i>Operator ID</i>	
<i>Location Note</i>		<i>Serial Number</i>	
<i>Device Description</i>			

### 2.3.1.5 Line 6 Furnace

<b>Device ID #</b>	<b>000047</b>	<b>Device Name</b>	<b>Line 6 Furnace</b>
<i>Rated Heat Input</i>	45.000 MMBtu/Hour	<i>Physical Size</i>	394200.00 MMBtu/yr
<i>Manufacturer Model</i>		<i>Operator ID</i>	
<i>Location Note</i>		<i>Serial Number</i>	

*Location Note*

*Device Description* Fired on PUC gas/#2, #4, or #6 Fuel Oil/Propane; Control Device: 6CHEAF

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### 2.3.1.6 601 Dry End Baghouse

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<b>Device ID #</b>	<b>103364</b>	<b>Device Name</b>	<b>601 Dry End Baghouse</b>
<i>Rated Heat Input</i>		<i>Physical Size</i>	37322.00 scf/Minute
<i>Manufacturer</i>	JM Open	<i>Operator ID</i>	6DBH
<i>Model</i>	Orlon	<i>Serial Number</i>	
<i>Location Note</i>			
<i>Device Description</i>	Production Line 6 baghouse product collection; Positive pressure; Bag Diam. (in): 9.0; Bag Length (ft): 48.0; Total Cloth Area: 37322; Est. A/C Ratio: 1.0; open		

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### 2.3.1.7 Cyclones

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<b>Device ID #</b>	<b>103347</b>	<b>Device Name</b>	<b>Cyclones</b>
<i>Rated Heat Input</i>		<i>Physical Size</i>	
<i>Manufacturer</i>		<i>Operator ID</i>	
<i>Model</i>		<i>Serial Number</i>	
<i>Location Note</i>			
<i>Device Description</i>	PTO 5840 listed 6 air sifter cyclones and 19 cyclones		

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### 2.3.1.8 602 Dry End Baghouse

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<b>Device ID #</b>	<b>103365</b>	<b>Device Name</b>	<b>602 Dry End Baghouse</b>
<i>Rated Heat Input</i>		<i>Physical Size</i>	60563.00 scf/Minute
<i>Manufacturer</i>	JM Open	<i>Operator ID</i>	6DBH
<i>Model</i>	Orlon	<i>Serial Number</i>	
<i>Location Note</i>			
<i>Device Description</i>	Production Line 6 baghouse product collection; Positive pressure; Bag Diam. (in): 9.0; Bag Length (ft): 51.0; Total Cloth Area: 60564; Est. A/C Ratio: 1.0; open		

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### 2.3.1.9 Blowers

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<b>Device ID #</b>	<b>103348</b>	<b>Device Name</b>	<b>Blowers</b>
<i>Rated Heat Input</i>		<i>Physical Size</i>	
<i>Manufacturer</i>		<i>Operator ID</i>	
<i>Model</i>		<i>Serial Number</i>	
<i>Location Note</i>			
<i>Device Description</i>	(1) furnace blower, (44) blowers, (2) soda ash system blowers, (2) rotary kiln blowers, (1) discharge blower		

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### 2.3.1.10 Pre-separators

<b>Device ID #</b>	<b>103349</b>	<b>Device Name</b>	<b>Pre-separators</b>
<i>Rated Heat Input</i>		<i>Physical Size</i>	
<i>Manufacturer</i>		<i>Operator ID</i>	601A, 601B, 602
<i>Model</i>		<i>Serial Number</i>	
<i>Location Note</i>			
<i>Device Description</i>			

### 2.3.1.11 Pump

<b>Device ID #</b>	<b>103359</b>	<b>Device Name</b>	<b>Pump</b>
<i>Rated Heat Input</i>		<i>Physical Size</i>	
<i>Manufacturer</i>		<i>Operator ID</i>	
<i>Model</i>		<i>Serial Number</i>	
<i>Location Note</i>			
<i>Device Description</i>	(1) discharge pump		

### 2.3.1.126 Natural Baghouse

<b>Device ID #</b>	<b>000122</b>	<b>Device Name</b>	<b>6 Natural Baghouse</b>
<i>Rated Heat Input</i>		<i>Physical Size</i>	29500.00 scf/Minute
<i>Manufacturer</i>	JM Open	<i>Operator ID</i>	6NBH
<i>Model</i>	Orlon	<i>Serial Number</i>	
<i>Location Note</i>			
<i>Device Description</i>	Production Line 6 natural product collection; Positive pressure; Bag Diam. (in): 9.0; Bag Length (ft): 53.0; Total Cloth Area: 50201; Est. A/C Ratio: 1.0; open		

### 2.3.1.13 De-lumpers

<b>Device ID #</b>	<b>103350</b>	<b>Device Name</b>	<b>De-lumpers</b>
<i>Rated Heat Input</i>		<i>Physical Size</i>	
<i>Manufacturer</i>		<i>Operator ID</i>	
<i>Model</i>		<i>Serial Number</i>	
<i>Location Note</i>			
<i>Device Description</i>			

### 2.3.1.14 Re-separator

<b>Device ID #</b>	<b>103351</b>	<b>Device Name</b>	<b>Re-separator</b>
<i>Rated Heat Input</i>		<i>Physical Size</i>	
<i>Manufacturer</i>		<i>Operator ID</i>	
<i>Model</i>		<i>Serial Number</i>	

Location Note  
Device Description

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### 2.3.1.156 Super Fine Super Floss Baghouse

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<b>Device ID #</b>	<b>000126</b>	<b>Device Name</b>	<b>6 Super Fine Super Floss Baghouse</b>
<i>Rated Heat Input</i>		<i>Physical Size</i>	8812.00 scf/Minute
<i>Manufacturer</i>	JM Open	<i>Operator ID</i>	6SF5F
<i>Model</i>	Orlon	<i>Serial Number</i>	
<i>Location Note</i>			
<i>Device Description</i>	Super fine product collection; Positive pressure; Bag Diam. (in): 9.0; Bag Length (ft): 55.0; Total Cloth Area: 8812; Est. A/C Ratio: 1.0; open		

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### 2.3.1.16Screens

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<b>Device ID #</b>	<b>103353</b>	<b>Device Name</b>	<b>Screens</b>
<i>Rated Heat Input</i>		<i>Physical Size</i>	
<i>Manufacturer</i>		<i>Operator ID</i>	
<i>Model</i>		<i>Serial Number</i>	
<i>Location Note</i>			
<i>Device Description</i>	(2) Sweco screens,		

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### 2.3.1.17Bucket Elevator

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<b>Device ID #</b>	<b>103355</b>	<b>Device Name</b>	<b>Bucket Elevator</b>
<i>Rated Heat Input</i>		<i>Physical Size</i>	
<i>Manufacturer</i>		<i>Operator ID</i>	
<i>Model</i>		<i>Serial Number</i>	
<i>Location Note</i>			
<i>Device Description</i>	transfers material from A/S coarse collector screw conveyor to packing station #6A		

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### 2.3.1.18Air Sifters

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<b>Device ID #</b>	<b>103356</b>	<b>Device Name</b>	<b>Air Sifters</b>
<i>Rated Heat Input</i>		<i>Physical Size</i>	
<i>Manufacturer</i>		<i>Operator ID</i>	601, 602, 603, 604
<i>Model</i>		<i>Serial Number</i>	
<i>Location Note</i>			
<i>Device Description</i>			

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### 2.3.1.19Soda Ash Mill

<b>Device ID #</b>	<b>103357</b>	<b>Device Name</b>	<b>Soda Ash Mill</b>
<i>Rated Heat Input</i>		<i>Physical Size</i>	
<i>Manufacturer</i>		<i>Operator ID</i>	
<i>Model</i>		<i>Serial Number</i>	
<i>Location Note</i>			
<i>Device Description</i>	includes (4) screw conveyors, bucket elevator, (2) bins, ducting from soda ash bins, belt feeder, hopper, pulverizier, and (2) blowers		

### 2.3.1.20 Conveyor belts

<b>Device ID #</b>	<b>103358</b>	<b>Device Name</b>	<b>Conveyor belts</b>
<i>Rated Heat Input</i>		<i>Physical Size</i>	
<i>Manufacturer</i>		<i>Operator ID</i>	
<i>Model</i>		<i>Serial Number</i>	
<i>Location Note</i>			
<i>Device Description</i>	(4) soda ash screw conveyors, (42) conveyors, (1) A/S coarse screw conveyor, (1) screw conveyor, (1) feed conveyor		

### 2.3.2 Blowers

<b>Device ID #</b>	<b>106125</b>	<b>Device Name</b>	<b>Blowers</b>
<i>Rated Heat Input</i>		<i>Physical Size</i>	
<i>Manufacturer</i>		<i>Operator ID</i>	635, 636
<i>Model</i>		<i>Serial Number</i>	
<i>Location Note</i>			
<i>Device Description</i>	Line 6 Blowers?		

### 2.3.3 Blowers

<b>Device ID #</b>	<b>106126</b>	<b>Device Name</b>	<b>Blowers</b>
<i>Rated Heat Input</i>		<i>Physical Size</i>	
<i>Manufacturer</i>		<i>Operator ID</i>	615A, 616, 678
<i>Model</i>		<i>Serial Number</i>	
<i>Location Note</i>			
<i>Device Description</i>	Line 6 blowers?		

### 2.3.4 Processing Line #6 (Wet End Packing)

#### 2.3.4.1 Conveyors

<b>Device ID #</b>	<b>106127</b>	<b>Device Name</b>	<b>Conveyors</b>
<i>Rated Heat Input</i>		<i>Physical Size</i>	

Manufacturer  
Model  
Location Note  
Device Description

Operator ID  
Serial Number

### 2.3.4.2 Packing Station

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<b>Device ID #</b>	<b>103352</b>	<b>Device Name</b>	<b>Packing Station</b>
<i>Rated Heat Input</i>		<i>Physical Size</i>	
<i>Manufacturer</i>		<i>Operator ID</i>	6PS
<i>Model</i>		<i>Serial Number</i>	
<i>Location Note</i>			
<i>Device Description</i>	Includes (2) packers, bag flattener, zip lift, press well and (2) conveyors		

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### 2.3.5 Processing Line #6 (Dry End Packing)

#### 2.3.5.1 Shrink Wrap Unit

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<b>Device ID #</b>	<b>008044</b>	<b>Device Name</b>	<b>Shrink Wrap Unit</b>
<i>Rated Heat Input</i>	2.500 MMBtu/Hour	<i>Physical Size</i>	
<i>Manufacturer</i>	Mollers North America	<i>Operator ID</i>	
<i>Model</i>		<i>Serial Number</i>	
<i>Location Note</i>			
<i>Device Description</i>			

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#### 2.3.5.2 Screws

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<b>Device ID #</b>	<b>103360</b>	<b>Device Name</b>	<b>Screws</b>
<i>Rated Heat Input</i>		<i>Physical Size</i>	
<i>Manufacturer</i>		<i>Operator ID</i>	
<i>Model</i>		<i>Serial Number</i>	
<i>Location Note</i>			
<i>Device Description</i>	PTO 5840 listed one SC located below 6A packers, and one below SFSF packers and 6SC packers		

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#### 2.3.5.3 Conveyor Belts

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<b>Device ID #</b>	<b>106122</b>	<b>Device Name</b>	<b>Conveyor Belts</b>
<i>Rated Heat Input</i>		<i>Physical Size</i>	
<i>Manufacturer</i>		<i>Operator ID</i>	
<i>Model</i>		<i>Serial Number</i>	
<i>Location Note</i>			
<i>Device Description</i>	(1) screw conveyors located below A/S packers, (1) screw conveyor below SFSF packers, (2) conveyors below A/S packers, (7) bag conveyors		

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### 2.3.5.4 Packing Station

<b>Device ID #</b>	<b>103354</b>	<b>Device Name</b>	<b>Packing Station</b>
<i>Rated Heat Input</i>		<i>Physical Size</i>	
<i>Manufacturer</i>		<i>Operator ID</i>	6AS
<i>Model</i>		<i>Serial Number</i>	
<i>Location Note</i>			
<i>Device Description</i>	(1) superfine super floss, (1) #6A product, (1) #6P, (1) #6SC, (1) A/S product, (1) automatic packer #6AP product		

### 2.3.6 Capture System and Control Device (Line #6)

#### 2.3.6.1 Cleanable High Efficiency Air Filter (6CHEAF)

<b>Device ID #</b>	<b>000121</b>	<b>Device Name</b>	<b>Cleanable High Efficiency Air Filter (6CHEAF)</b>
<i>Rated Heat Input</i>		<i>Physical Size</i>	63000.00 dscfm
<i>Manufacturer</i>		<i>Operator ID</i>	6CHEAF
<i>Model</i>		<i>Serial Number</i>	
<i>Location Note</i>			
<i>Device Description</i>	Wet End Control System		

#### 2.3.6.2 Blowers

<b>Device ID #</b>	<b>106124</b>	<b>Device Name</b>	<b>Blowers</b>
<i>Rated Heat Input</i>		<i>Physical Size</i>	
<i>Manufacturer</i>		<i>Operator ID</i>	607, 607B, 625A - B
<i>Model</i>		<i>Serial Number</i>	
<i>Location Note</i>			
<i>Device Description</i>			

### 2.3.7 Baghouses - Prod Line 6

#### 2.3.7.1 6 Automatic Station Baghouse (678)

<b>Device ID #</b>	<b>103363</b>	<b>Device Name</b>	<b>6 Automatic Station Baghouse (678)</b>
<i>Rated Heat Input</i>		<i>Physical Size</i>	30000.00 scf/Minute
<i>Manufacturer</i>	Mikro-Pulsaire	<i>Operator ID</i>	6APVBH
<i>Model</i>	Polypropylene	<i>Serial Number</i>	
<i>Location Note</i>			
<i>Device Description</i>	Ventilation 6AP equipment; Negative pressure; Bag Diam. (in): 4.5; Bag Length (ft): 12.0; Total Cloth Area: 6729; Est. A/C Ratio: 4.5; enclosed		

### 2.3.7.2 616 Ventilation Baghouse

<i>Device ID #</i>	<b>000128</b>	<i>Device Name</i>	<b>616 Ventilation Baghouse</b>
<i>Rated Heat Input</i>		<i>Physical Size</i>	3000.00 scf/Minute
<i>Manufacturer</i>	Mikro-Pulsaire	<i>Operator ID</i>	616VBH
<i>Model</i>	Polypropylene	<i>Serial Number</i>	
<i>Location Note</i>			
<i>Device Description</i>	Production Line 6 Ventilation AP packer chamber, spouts, and bin; Negative pressure; Bag Diam. (in): 4.5; Bag Length (ft): 10.0; Total Cloth Area: 848; Est. A/C Ratio: 3.5; enclosed		

### 2.3.7.3 6 Natural Ventilation Baghouse

<i>Device ID #</i>	<b>000123</b>	<i>Device Name</i>	<b>6 Natural Ventilation Baghouse</b>
<i>Rated Heat Input</i>		<i>Physical Size</i>	8812.00 scf/Minute
<i>Manufacturer</i>	JM Open	<i>Operator ID</i>	6NVBH
<i>Model</i>	Cotton	<i>Serial Number</i>	
<i>Location Note</i>			
<i>Device Description</i>	Production Line 6 Ventilation line 6 wet end pack equip., bag flattener, cyclone 614; Positive pressure; Bag Diam. (in): 9.0; Bag Length (ft): 55.0 Total Cloth Area: 8812; Est. A/C Ratio: 1.0; open		

### 2.3.7.4 6 Dry End Ventilation Baghouse

<i>Device ID #</i>	<b>000125</b>	<i>Device Name</i>	<b>6 Dry End Ventilation Baghouse</b>
<i>Rated Heat Input</i>		<i>Physical Size</i>	18661.00 scf/Minute
<i>Manufacturer</i>	JM Open	<i>Operator ID</i>	6DVBH
<i>Model</i>	Polyester	<i>Serial Number</i>	
<i>Location Note</i>			
<i>Device Description</i>	Production Line 6 Ventilation line 6 dry end packing equip., bagwash, 6 AS, 6P SB, blowoff booth, 6P1 and 6AS bulk packing units; Positive pressure; Bag Diam. (in): 9.0; Bag Length (ft): 48.0; Total Cloth Area: 18661; Est. A/C Ratio: 1.0; open		

## 2.4 Line No. 7

### 2.4.1 Processing Line #7 (drying, milling, separating)

#### 2.4.1.1 Line 7 Kiln

<i>Device ID #</i>	<b>103370</b>	<i>Device Name</i>	<b>Line 7 Kiln</b>
<i>Rated Heat Input</i>	50.000 MMBtu/Hour	<i>Physical Size</i>	438000.00 MMBtu/yr

<i>Manufacturer</i>	<i>Operator ID</i>	KN723
<i>Model</i>	<i>Serial Number</i>	
<i>Location Note</i>	Note (c) Unless otherwise indicated, combustion equipment burns PUC quality natural gas (primary) or No. 2 Diesel (emergency backup).	
<i>Device Description</i>	Fired on PUC gas/#2, #4, or #6 Fuel Oil/Propane; Control Device: 7CHEAF	
	Heat Input Limits for Operation on Fuel Oil: 40 MMBPH; 350,400 MMBPY	

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#### 2.4.1.2 Line 7 Furnace

<i>Device ID #</i>	<b>103371</b>	<i>Device Name</i>	<b>Line 7 Furnace</b>
<i>Rated Heat Input</i>	45.000 MMBtu/Hour	<i>Physical Size</i>	394200.00 MMBtu/yr
<i>Manufacturer</i>		<i>Operator ID</i>	
<i>Model</i>		<i>Serial Number</i>	
<i>Location Note</i>	Note (c) Unless otherwise indicated, combustion equipment burns PUC quality natural gas (primary) or No. 6 residual oil (secondary). Ratings are from ATCs 9353 and 9367. The heat input ratings have been adjusted from 1000 Btu/scf fuel to 1250		
<i>Device Description</i>	Fired on PUC gas/#2, #4, or #6 Fuel Oil/Propane; Control Device: 7CHEAF		

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#### 2.4.1.3 7 Natural Baghouse

<i>Device ID #</i>	<b>000130</b>	<i>Device Name</i>	<b>7 Natural Baghouse</b>
<i>Rated Heat Input</i>		<i>Physical Size</i>	38350.00 scf/Minute
<i>Manufacturer</i>	JM Open	<i>Operator ID</i>	7NBH
<i>Model</i>	Orlon	<i>Serial Number</i>	
<i>Location Note</i>			
<i>Device Description</i>	Production Line 7 natural product collection; Positive pressure; Bag Diam. (in): 9.0; Bag Length (ft): 56.0; Total Cloth Area: 66501; Est. A/C Ratio: 1.0; open		

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#### 2.4.1.4 7 Dry End Baghouse

<i>Device ID #</i>	<b>000131</b>	<i>Device Name</i>	<b>7 Dry End Baghouse</b>
<i>Rated Heat Input</i>		<i>Physical Size</i>	64126.00 scf/Minute
<i>Manufacturer</i>	JM Open	<i>Operator ID</i>	7DBH
<i>Model</i>	Orlon	<i>Serial Number</i>	
<i>Location Note</i>			
<i>Device Description</i>	Production Line 7 baghouse product collection; Positive pressure; Bag Diam. (in): 9.0; Bag Length (ft): 54.0; Total Cloth Area: 64126; Est. A/C Ratio: 1.0; open		

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#### 2.4.1.5 Cyclones

<b>Device ID #</b>	<b>103372</b>	<b>Device Name</b>	<b>Cyclones</b>
<i>Rated Heat Input</i>		<i>Physical Size</i>	
<i>Manufacturer</i>		<i>Operator ID</i>	
<i>Model</i>		<i>Serial Number</i>	
<i>Location Note</i>			
<i>Device Description</i>	(15) cyclones,		

#### 2.4.1.6 Blowers

<b>Device ID #</b>	<b>103373</b>	<b>Device Name</b>	<b>Blowers</b>
<i>Rated Heat Input</i>		<i>Physical Size</i>	
<i>Manufacturer</i>		<i>Operator ID</i>	
<i>Model</i>		<i>Serial Number</i>	
<i>Location Note</i>			
<i>Device Description</i>	(1) furnace blower, (33) blowers, (4) soda ash blowers (#727A -D), (2) rotary kiln blowers (730 & 733)		

#### 2.4.1.7 Pre-separators

<b>Device ID #</b>	<b>103374</b>	<b>Device Name</b>	<b>Pre-separators</b>
<i>Rated Heat Input</i>		<i>Physical Size</i>	
<i>Manufacturer</i>		<i>Operator ID</i>	701A, 701B, 702
<i>Model</i>		<i>Serial Number</i>	
<i>Location Note</i>			
<i>Device Description</i>			

#### 2.4.1.8 De-lumpers

<b>Device ID #</b>	<b>103375</b>	<b>Device Name</b>	<b>De-lumpers</b>
<i>Rated Heat Input</i>		<i>Physical Size</i>	
<i>Manufacturer</i>		<i>Operator ID</i>	701A, 701B
<i>Model</i>		<i>Serial Number</i>	
<i>Location Note</i>			
<i>Device Description</i>			

#### 2.4.1.9 Re-separator

<b>Device ID #</b>	<b>103376</b>	<b>Device Name</b>	<b>Re-separator</b>
<i>Rated Heat Input</i>		<i>Physical Size</i>	
<i>Manufacturer</i>		<i>Operator ID</i>	
<i>Model</i>		<i>Serial Number</i>	
<i>Location Note</i>			

*Device Description*

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**2.4.1.10Bins**

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<b>Device ID #</b>	<b>103377</b>	<b>Device Name</b>	<b>Bins</b>
<i>Rated Heat Input</i>		<i>Physical Size</i>	
<i>Manufacturer</i>		<i>Operator ID</i>	
<i>Model</i>		<i>Serial Number</i>	
<i>Location Note</i>			
<i>Device Description</i>	(3) crude bins (#13 -15), (1) soda ash storage bin, (1) refeed bin, (1) air sifter process surge bin, (1) surge bin		

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**2.4.1.11Screens**

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<b>Device ID #</b>	<b>103378</b>	<b>Device Name</b>	<b>Screens</b>
<i>Rated Heat Input</i>		<i>Physical Size</i>	
<i>Manufacturer</i>	Sweco	<i>Operator ID</i>	SN784, ML775A, ML775B
<i>Model</i>		<i>Serial Number</i>	
<i>Location Note</i>			
<i>Device Description</i>	(1) scalping screen, and (2) Sweco screen #701A and 701B		

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**2.4.1.12Hoppers**

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<b>Device ID #</b>	<b>103379</b>	<b>Device Name</b>	<b>Hoppers</b>
<i>Rated Heat Input</i>		<i>Physical Size</i>	
<i>Manufacturer</i>		<i>Operator ID</i>	
<i>Model</i>		<i>Serial Number</i>	
<i>Location Note</i>			
<i>Device Description</i>	Crude Feed Hopper (1), Soda Ash Hopper (1), Natural Baghouse Hoppers (6), Dry Product Baghouse Hoppers (9), Kiln discharge Hopper (1), surge hopper (1)		

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**2.4.1.13Bucket Elevator**

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<b>Device ID #</b>	<b>103380</b>	<b>Device Name</b>	<b>Bucket Elevator</b>
<i>Rated Heat Input</i>		<i>Physical Size</i>	
<i>Manufacturer</i>		<i>Operator ID</i>	
<i>Model</i>		<i>Serial Number</i>	
<i>Location Note</i>			
<i>Device Description</i>			

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**2.4.1.14Air sifters**

<b>Device ID #</b>	<b>103381</b>	<b>Device Name</b>	<b>Air sifters</b>
<i>Rated Heat Input</i>		<i>Physical Size</i>	
<i>Manufacturer</i>		<i>Operator ID</i>	
<i>Model</i>		<i>Serial Number</i>	
<i>Location Note</i>			
<i>Device Description</i>			

#### 2.4.1.15 Soda Ash Mill

<b>Device ID #</b>	<b>103382</b>	<b>Device Name</b>	<b>Soda Ash Mill</b>
<i>Rated Heat Input</i>		<i>Physical Size</i>	
<i>Manufacturer</i>	Alpine Hosokawa	<i>Operator ID</i>	ML719
<i>Model</i>	CX 30 ACM	<i>Serial Number</i>	
<i>Location Note</i>			
<i>Device Description</i>	Comprised of ducting from storage bin, hopper, conveyor, pulverizer, and blowers (4) (#727 A - D)		

#### 2.4.1.16 Conveyor belts

<b>Device ID #</b>	<b>103383</b>	<b>Device Name</b>	<b>Conveyor belts</b>
<i>Rated Heat Input</i>		<i>Physical Size</i>	
<i>Manufacturer</i>	See description	<i>Operator ID</i>	
<i>Model</i>		<i>Serial Number</i>	
<i>Location Note</i>			
<i>Device Description</i>	(1) screw conveyor, (1) soda ash system conveyor, (27) conveyors		

### 2.4.2 System 7 Milling Circuit

#### 2.4.2.1 Feed Bin

<b>Device ID #</b>	<b>108934</b>	<b>Device Name</b>	<b>Feed Bin</b>
<i>Rated Heat Input</i>		<i>Physical Size</i>	11.02 Tons
<i>Manufacturer</i>	Acerforma-2	<i>Operator ID</i>	BN901
<i>Model</i>	Ecutec 06.046-FS1	<i>Serial Number</i>	
<i>Location Note</i>			
<i>Device Description</i>			

#### 2.4.2.2 Feed Bin Baghouse BH901

<b>Device ID #</b>	<b>108935</b>	<b>Device Name</b>	<b>Feed Bin Baghouse BH901</b>
<i>Rated Heat Input</i>		<i>Physical Size</i>	2550.00 scf/Minute
<i>Manufacturer</i>	Airjet SA	<i>Operator ID</i>	BH901

<i>Model</i>	81-S-6-TRL-A	<i>Serial Number</i>	
<i>Location Note</i>			
<i>Device Description</i>	Controls emissions from Feed Bin BN901; baghouse blower is a CBI SA Model CHB13 9HP blower (BL901); contains 81 polyester felt-type bags; each bag 5in D x 6 ft L		

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### 2.4.2.3 Mill

<b>Device ID #</b>	<b>108936</b>	<b>Device Name</b>	<b>Mill</b>
<i>Rated Heat Input</i>		<i>Physical Size</i>	4.00 Tons/Hour
<i>Manufacturer</i>		<i>Operator ID</i>	BM906
<i>Model</i>	BM18/42 R01 DC02	<i>Serial Number</i>	
<i>Location Note</i>			
<i>Device Description</i>	Drum size 5.9 ft Dia X 13.2 ft Long; powered by a 72.4 HP motor		

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### 2.4.2.4 Classifier 910

<b>Device ID #</b>	<b>108937</b>	<b>Device Name</b>	<b>Classifier 910</b>
<i>Rated Heat Input</i>		<i>Physical Size</i>	22.50 Tons/Hour
<i>Manufacturer</i>		<i>Operator ID</i>	CL910
<i>Model</i>		<i>Serial Number</i>	
<i>Location Note</i>			
<i>Device Description</i>	Powered by a 60 HP electric motor.		

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### 2.4.2.5 Classifier 913

<b>Device ID #</b>	<b>110202</b>	<b>Device Name</b>	<b>Classifier 913</b>
<i>Rated Heat Input</i>		<i>Physical Size</i>	22.50 Tons/Hour
<i>Manufacturer</i>		<i>Operator ID</i>	CL913
<i>Model</i>		<i>Serial Number</i>	
<i>Location Note</i>			
<i>Device Description</i>	Powered by a 60 HP electric motor.		

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### 2.4.2.6 Cyclone

<b>Device ID #</b>	<b>108939</b>	<b>Device Name</b>	<b>Cyclone</b>
<i>Rated Heat Input</i>		<i>Physical Size</i>	
<i>Manufacturer</i>	Ecotec	<i>Operator ID</i>	CY914
<i>Model</i>	KEZ1900	<i>Serial Number</i>	
<i>Location Note</i>			
<i>Device Description</i>	Max dia 5.25 ft; collects and sizes product.		

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### 2.4.2.7 Baghouse BH916

<b>Device ID #</b>	<b>108940</b>	<b>Device Name</b>	<b>Baghouse BH916</b>
<i>Rated Heat Input</i>		<i>Physical Size</i>	13243.00 scf/Minute
<i>Manufacturer</i>	Airjet SA	<i>Operator ID</i>	BH916
<i>Model</i>	280-M-10-TRL-B2R	<i>Serial Number</i>	
<i>Location Note</i>			
<i>Device Description</i>	Captures product from Cyclone CY914; baghouse blower is a 180HP Reitz Model KXE160-040030-00 blower (BL919); contains 280 polyester felt-type bags; each bag 5in D x 10 ft L		

### 2.4.2.8 Enclosed Screw Conveyors (6)

<b>Device ID #</b>	<b>108941</b>	<b>Device Name</b>	<b>Enclosed Screw Conveyors (6)</b>
<i>Rated Heat Input</i>		<i>Physical Size</i>	
<i>Manufacturer</i>	Sinfimasa	<i>Operator ID</i>	
<i>Model</i>		<i>Serial Number</i>	
<i>Location Note</i>			
<i>Device Description</i>	Celite ID and electric motor HP drive rating: SC902 (3 HP), SC904 (3 HP), SC907 (7.5 HP), SC909 (7.5 HP), SC912 (7.5 HP), SC916 (4 HP)		

### 2.4.2.9 Weigh Bin

<b>Device ID #</b>	<b>108942</b>	<b>Device Name</b>	<b>Weigh Bin</b>
<i>Rated Heat Input</i>		<i>Physical Size</i>	50.50 Cubic Feet
<i>Manufacturer</i>		<i>Operator ID</i>	BN904
<i>Model</i>		<i>Serial Number</i>	
<i>Location Note</i>			
<i>Device Description</i>			

### 2.4.2.10 Blower

<b>Device ID #</b>	<b>108946</b>	<b>Device Name</b>	<b>Blower</b>
<i>Rated Heat Input</i>		<i>Physical Size</i>	600.00 scf/Minute
<i>Manufacturer</i>	Sutorbilt	<i>Operator ID</i>	
<i>Model</i>		<i>Serial Number</i>	
<i>Location Note</i>			
<i>Device Description</i>	Product mover powered by a 60 HP electric motor.		

### 2.4.2.11 Waste Bulk Bag

<b>Device ID #</b>	<b>108948</b>	<b>Device Name</b>	<b>Waste Bulk Bag</b>
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<i>Rated Heat Input</i>		<i>Physical Size</i>	
<i>Manufacturer</i>		<i>Operator ID</i>	
<i>Model</i>		<i>Serial Number</i>	
<i>Location Note</i>			
<i>Device Description</i>	Totally enclosed semi-bulk bag		

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#### 2.4.2.12 Blower

<b>Device ID #</b>	<b>109438</b>	<b>Device Name</b>	<b>Blower</b>
<i>Rated Heat Input</i>		<i>Physical Size</i>	300.00 scf/Minute
<i>Manufacturer</i>	Sutorbilt	<i>Operator ID</i>	
<i>Model</i>		<i>Serial Number</i>	
<i>Location Note</i>			
<i>Device Description</i>	Product mover powered by a 30 HP electric motor		

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#### 2.4.2.13 Baghouse BH912

<b>Device ID #</b>	<b>110203</b>	<b>Device Name</b>	<b>Baghouse BH912</b>
<i>Rated Heat Input</i>		<i>Physical Size</i>	13000.00 scf/Minute
<i>Manufacturer</i>	Mikropul	<i>Operator ID</i>	BH912
<i>Model</i>	RAF II	<i>Serial Number</i>	
<i>Location Note</i>			
<i>Device Description</i>	Captures product from Alpha Classifier, baghouse blower 15 HP electric motor, contains 320 polyester PTFE coated bags; each bag 4.625 in D x 10 ft L		

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#### 2.4.3 Processing Line #7 (packing)

#### 2.4.4 Capture System and Control (Line #7 Wet End)

##### 2.4.4.1 Cleanable High Efficiency Air Filter (7CHEAF)

<b>Device ID #</b>	<b>000129</b>	<b>Device Name</b>	<b>Cleanable High Efficiency Air Filter (7CHEAF)</b>
<i>Rated Heat Input</i>		<i>Physical Size</i>	63000.00 dscfm
<i>Manufacturer</i>	Johns-Manville	<i>Operator ID</i>	7CHEAF
<i>Model</i>		<i>Serial Number</i>	
<i>Location Note</i>			
<i>Device Description</i>	Wet End Control System; equipped with drive motor, spray nozzles, water pumps, and pressure drop measurement instrument.		

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##### 2.4.4.2 Blower

<b>Device ID #</b>	<b>106137</b>	<b>Device Name</b>	<b>Blower</b>
<i>Rated Heat Input</i>		<i>Physical Size</i>	

<i>Manufacturer</i>	<i>Operator ID</i>	707
<i>Model</i>	<i>Serial Number</i>	
<i>Location Note</i>		
<i>Device Description</i>		

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### 2.4.4.3 Cyclone

<b>Device ID #</b>	<b>106138</b>	<b>Device Name</b>	<b>Cyclone</b>
<i>Rated Heat Input</i>		<i>Physical Size</i>	
<i>Manufacturer</i>		<i>Operator ID</i>	704
<i>Model</i>		<i>Serial Number</i>	
<i>Location Note</i>			
<i>Device Description</i>			

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## 2.4.5 Capture System and Control (Line #7 Dry End)

### 2.4.5.1 7 Dry End Ventilation Baghouse

<b>Device ID #</b>	<b>000132</b>	<b>Device Name</b>	<b>7 Dry End Ventilation Baghouse</b>
<i>Rated Heat Input</i>		<i>Physical Size</i>	64126.00 scf/Minute
<i>Manufacturer</i>	JM Open	<i>Operator ID</i>	7DVBH
<i>Model</i>	Polyester	<i>Serial Number</i>	
<i>Location Note</i>			
<i>Device Description</i>	Ventilation cyclone 706, 711, line 7 packers; Positive pressure; Bag Diam. (in): 9.0; Bag Length (ft): 54.0; Total Cloth Area: 64000; Est. A/C Ratio: 1.0; open		

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### 2.4.5.2 Cyclone

<b>Device ID #</b>	<b>106140</b>	<b>Device Name</b>	<b>Cyclone</b>
<i>Rated Heat Input</i>		<i>Physical Size</i>	
<i>Manufacturer</i>		<i>Operator ID</i>	713
<i>Model</i>		<i>Serial Number</i>	
<i>Location Note</i>			
<i>Device Description</i>	4-foot outside diameter		

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### 2.4.5.3 Baghouse Blowers

<b>Device ID #</b>	<b>103384</b>	<b>Device Name</b>	<b>Baghouse Blowers</b>
<i>Rated Heat Input</i>		<i>Physical Size</i>	
<i>Manufacturer</i>		<i>Operator ID</i>	
<i>Model</i>		<i>Serial Number</i>	
<i>Location Note</i>			
<i>Device Description</i>			

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#### 2.4.5.4 Baghouse Hoppers

<i>Device ID #</i>	<b>103385</b>	<i>Device Name</i>	<b>Baghouse Hoppers</b>
<i>Rated Heat Input</i>		<i>Physical Size</i>	
<i>Manufacturer</i>		<i>Operator ID</i>	
<i>Model</i>		<i>Serial Number</i>	
<i>Location Note</i>			
<i>Device Description</i>			

### 2.5 Line No. 11

#### 2.5.1 Processing Line #11 (drying, milling, separating)

#### 2.5.2 Processing Line #11 (packing)

#### 2.5.3 11 Mill Ventillation Baghouse (1178)

<i>Device ID #</i>	<b>000102</b>	<i>Device Name</i>	<b>11 Mill Ventillation Baghouse (1178)</b>
<i>Rated Heat Input</i>		<i>Physical Size</i>	36000.00 scf/Minute
<i>Manufacturer</i>	Mikro-Pulsaire	<i>Operator ID</i>	11VBH
<i>Model</i>	16 oz Polypropylene	<i>Serial Number</i>	
<i>Location Note</i>			
<i>Device Description</i>	Ventilation 11 system preseparators, packing, XP plant; Negative Pressure; Bag Diam. (in): 4.5; Bag Length (ft): 8.0; Total Cloth Area: 9048; Est. A/C Ratio: 5.4; enclosed		

#### 2.5.3.1 Blowers

<i>Device ID #</i>	<b>106144</b>	<i>Device Name</i>	<b>Blowers</b>
<i>Rated Heat Input</i>		<i>Physical Size</i>	
<i>Manufacturer</i>		<i>Operator ID</i>	1107 and 1207
<i>Model</i>		<i>Serial Number</i>	
<i>Location Note</i>			
<i>Device Description</i>			

#### 2.5.3.2 Cyclone

<i>Device ID #</i>	<b>106145</b>	<i>Device Name</i>	<b>Cyclone</b>
<i>Rated Heat Input</i>		<i>Physical Size</i>	
<i>Manufacturer</i>		<i>Operator ID</i>	1104
<i>Model</i>		<i>Serial Number</i>	
<i>Location Note</i>			

## 2.6 Product Storage Bins

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<b>Device ID #</b>	<b>103325</b>	<b>Device Name</b>	<b>Product Storage Bins</b>
<i>Rated Heat Input</i>		<i>Physical Size</i>	
<i>Manufacturer</i>		<i>Operator ID</i>	
<i>Model</i>		<i>Serial Number</i>	
<i>Location Note</i>			
<i>Device Description</i>	8 storage bins shared among production lines 11, 3, 5, 6, and 7.		

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## 3 Ancillary Processing Systems (Tbl A-4)

### 3.1 Central Natural Production Line (Snow Floss Plant)

#### 3.1.1 Blowers

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<b>Device ID #</b>	<b>103391</b>	<b>Device Name</b>	<b>Blowers</b>
<i>Rated Heat Input</i>		<i>Physical Size</i>	
<i>Manufacturer</i>		<i>Operator ID</i>	
<i>Model</i>		<i>Serial Number</i>	
<i>Location Note</i>			
<i>Device Description</i>			

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#### 3.1.2 Hoppers

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<b>Device ID #</b>	<b>103392</b>	<b>Device Name</b>	<b>Hoppers</b>
<i>Rated Heat Input</i>		<i>Physical Size</i>	
<i>Manufacturer</i>		<i>Operator ID</i>	
<i>Model</i>		<i>Serial Number</i>	
<i>Location Note</i>			
<i>Device Description</i>	(4) hoppers on open baghouse #305, and (6) hoppers on the snow floss product baghouse		

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#### 3.1.3 Cyclones

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<b>Device ID #</b>	<b>103390</b>	<b>Device Name</b>	<b>Cyclones</b>
<i>Rated Heat Input</i>		<i>Physical Size</i>	
<i>Manufacturer</i>		<i>Operator ID</i>	
<i>Model</i>		<i>Serial Number</i>	
<i>Location Note</i>			
<i>Device Description</i>	#1202, 1205, and 1206		

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### 3.1.4 Snow/Dark Floss Separator

<i>Device ID #</i>	<b>103394</b>	<i>Device Name</i>	<b>Snow/Dark Floss Separator</b>
<i>Rated Heat Input</i>		<i>Physical Size</i>	
<i>Manufacturer</i>		<i>Operator ID</i>	
<i>Model</i>		<i>Serial Number</i>	
<i>Location Note</i>			
<i>Device Description</i>	Should have 3 associated cyclones		

### 3.1.5 Conveyors

<i>Device ID #</i>	<b>103395</b>	<i>Device Name</i>	<b>Conveyors</b>
<i>Rated Heat Input</i>		<i>Physical Size</i>	
<i>Manufacturer</i>		<i>Operator ID</i>	
<i>Model</i>		<i>Serial Number</i>	
<i>Location Note</i>			
<i>Device Description</i>			

### 3.1.6 Bag air washer

<i>Device ID #</i>	<b>103396</b>	<i>Device Name</i>	<b>Bag air washer</b>
<i>Rated Heat Input</i>		<i>Physical Size</i>	
<i>Manufacturer</i>		<i>Operator ID</i>	
<i>Model</i>		<i>Serial Number</i>	
<i>Location Note</i>			
<i>Device Description</i>	Number of devices is currently unknown.		

### 3.1.7 Baghouses - Cent. Nat Prod Line (Snow Floss Plant)

#### 3.1.7.1 Snow Floss Plant Baghouse

<i>Device ID #</i>	<b>000133</b>	<i>Device Name</i>	<b>Snow Floss Plant Baghouse</b>
<i>Rated Heat Input</i>		<i>Physical Size</i>	12978.00 scf/Minute
<i>Manufacturer</i>	JM Open	<i>Operator ID</i>	SFPBH
<i>Model</i>	Orlon	<i>Serial Number</i>	
<i>Location Note</i>			
<i>Device Description</i>	Snow Floss Plant product collection; Positive pressure; Bag Diam. (in): 9.0; Bag Length (ft): 54.0; Total Cloth Area: 12978; Est. A/C Ratio: 1.0; open		

### 3.1.8 Central Nature Product (Packing)

### 3.1.8.1 Packers

<b>Device ID #</b>	<b>103393</b>	<b>Device Name</b>	<b>Packers</b>
<i>Rated Heat Input</i>		<i>Physical Size</i>	9.00 Tons/Hour
<i>Manufacturer</i>		<i>Operator ID</i>	
<i>Model</i>		<i>Serial Number</i>	
<i>Location Note</i>			
<i>Device Description</i>	#305, dark floss, #209, #310?		

## 3.2 Synthetic Silicate Production Line

### 3.2.1 Sythethic Silicate (processing line)

#### 3.2.1.1 Silicates Flash Dryer (SPFD)

<b>Device ID #</b>	<b>000140</b>	<b>Device Name</b>	<b>Silicates Flash Dryer (SPFD)</b>
<i>Rated Heat Input</i>	17.500 MMBtu/Hour	<i>Physical Size</i>	
<i>Manufacturer</i>		<i>Operator ID</i>	SPFD
<i>Model</i>		<i>Serial Number</i>	APCD ID 2-4
<i>Location Note</i>			
<i>Device Description</i>	PUC gas fired.		

#### 3.2.1.2 Silicates Conveyor Dryer (SPCD)

<b>Device ID #</b>	<b>000143</b>	<b>Device Name</b>	<b>Silicates Conveyor Dryer (SPCD)</b>
<i>Rated Heat Input</i>	56.300 MMBtu/Hour	<i>Physical Size</i>	
<i>Manufacturer</i>		<i>Operator ID</i>	SPCD
<i>Model</i>		<i>Serial Number</i>	
<i>Location Note</i>			
<i>Device Description</i>	PUC gas fired.		

#### 3.2.1.3 Fuel Oil Heater

<b>Device ID #</b>	<b>108106</b>	<b>Device Name</b>	<b>Fuel Oil Heater</b>
<i>Rated Heat Input</i>	2.500 MMBtu/Hour	<i>Physical Size</i>	
<i>Manufacturer</i>		<i>Operator ID</i>	
<i>Model</i>		<i>Serial Number</i>	
<i>Location Note</i>			
<i>Device Description</i>	PUC gas fired.		

#### 3.2.1.4 Cyclones

<b>Device ID #</b>	<b>103397</b>	<b>Device Name</b>	<b>Cyclones</b>
<i>Rated Heat Input</i>		<i>Physical Size</i>	
<i>Manufacturer</i>		<i>Operator ID</i>	
<i>Model</i>		<i>Serial Number</i>	
<i>Location Note</i>			
<i>Device Description</i>	(1) cyclone,		

### 3.2.1.5 Crushers

<b>Device ID #</b>	<b>103403</b>	<b>Device Name</b>	<b>Crushers</b>
<i>Rated Heat Input</i>		<i>Physical Size</i>	
<i>Manufacturer</i>		<i>Operator ID</i>	
<i>Model</i>		<i>Serial Number</i>	
<i>Location Note</i>			
<i>Device Description</i>			

### 3.2.1.6 Blowers

<b>Device ID #</b>	<b>103398</b>	<b>Device Name</b>	<b>Blowers</b>
<i>Rated Heat Input</i>		<i>Physical Size</i>	
<i>Manufacturer</i>		<i>Operator ID</i>	
<i>Model</i>		<i>Serial Number</i>	
<i>Location Note</i>			
<i>Device Description</i>	(1) lime truck vent blower,		

### 3.2.1.7 Bins

<b>Device ID #</b>	<b>103399</b>	<b>Device Name</b>	<b>Bins</b>
<i>Rated Heat Input</i>		<i>Physical Size</i>	
<i>Manufacturer</i>		<i>Operator ID</i>	
<i>Model</i>		<i>Serial Number</i>	
<i>Location Note</i>			
<i>Device Description</i>	(2) surge bins, (1) lime storage bin		

### 3.2.1.8 Screens

<b>Device ID #</b>	<b>103400</b>	<b>Device Name</b>	<b>Screens</b>
<i>Rated Heat Input</i>		<i>Physical Size</i>	
<i>Manufacturer</i>		<i>Operator ID</i>	
<i>Model</i>		<i>Serial Number</i>	
<i>Location Note</i>			
<i>Device Description</i>			

### 3.2.1.9 Lime Truck Unloading Hopper

<i>Device ID #</i>	<b>103401</b>	<i>Device Name</i>	<b>Lime Truck Unloading Hopper</b>
<i>Rated Heat Input</i>		<i>Physical Size</i>	
<i>Manufacturer</i>		<i>Operator ID</i>	
<i>Model</i>		<i>Serial Number</i>	
<i>Location Note</i>			
<i>Device Description</i>			

### 3.2.1.10 Mills

<i>Device ID #</i>	<b>103404</b>	<i>Device Name</i>	<b>Mills</b>
<i>Rated Heat Input</i>		<i>Physical Size</i>	
<i>Manufacturer</i>		<i>Operator ID</i>	
<i>Model</i>		<i>Serial Number</i>	
<i>Location Note</i>			
<i>Device Description</i>	(1) hammer mill, (1) ball mill,		

### 3.2.1.11 Belt Conveyors

<i>Device ID #</i>	<b>103406</b>	<i>Device Name</i>	<b>Belt Conveyors</b>
<i>Rated Heat Input</i>		<i>Physical Size</i>	
<i>Manufacturer</i>		<i>Operator ID</i>	
<i>Model</i>		<i>Serial Number</i>	
<i>Location Note</i>			
<i>Device Description</i>	(2) inclined conveyors, (2) conveyors		

## 3.2.2 Synthetic Silicate (Packing)

### 3.2.2.1 Silicates Packing Station

<i>Device ID #</i>	<b>103402</b>	<i>Device Name</i>	<b>Silicates Packing Station</b>
<i>Rated Heat Input</i>		<i>Physical Size</i>	24.00 Tons/Hour
<i>Manufacturer</i>		<i>Operator ID</i>	
<i>Model</i>		<i>Serial Number</i>	
<i>Location Note</i>			
<i>Device Description</i>	Packing System		

### 3.2.2.2 Pumps

<i>Device ID #</i>	<b>103407</b>	<i>Device Name</i>	<b>Pumps</b>
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<i>Rated Heat Input</i>	<i>Physical Size</i>
<i>Manufacturer</i>	<i>Operator ID</i>
<i>Model</i>	<i>Serial Number</i>
<i>Location Note</i>	
<i>Device Description</i>	(1) press well pump

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### 3.2.2.3 Hoppers

<b>Device ID #</b>	<b>106208</b>	<b>Device Name</b>	<b>Hoppers</b>
<i>Rated Heat Input</i>		<i>Physical Size</i>	
<i>Manufacturer</i>		<i>Operator ID</i>	
<i>Model</i>		<i>Serial Number</i>	
<i>Location Note</i>			
<i>Device Description</i>	(2) spillage hoppers		

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### 3.2.2.4 Packer Bins

<b>Device ID #</b>	<b>106209</b>	<b>Device Name</b>	<b>Packer Bins</b>
<i>Rated Heat Input</i>		<i>Physical Size</i>	
<i>Manufacturer</i>		<i>Operator ID</i>	
<i>Model</i>		<i>Serial Number</i>	
<i>Location Note</i>			
<i>Device Description</i>			

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### 3.2.2.5 Conveyors

<b>Device ID #</b>	<b>106210</b>	<b>Device Name</b>	<b>Conveyors</b>
<i>Rated Heat Input</i>		<i>Physical Size</i>	
<i>Manufacturer</i>		<i>Operator ID</i>	
<i>Model</i>		<i>Serial Number</i>	
<i>Location Note</i>			
<i>Device Description</i>			

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### 3.2.3 Standby Boiler Silicate Plant Boiler 1

<b>Device ID #</b>	<b>000081</b>	<b>Device Name</b>	<b>Standby Boiler Silicate Plant Boiler 1</b>
<i>Rated Heat Input</i>	15.500 MMBtu/Hour	<i>Physical Size</i>	8999.00 MMBtu/yr
<i>Manufacturer</i>	Combustion Engineering	<i>Operator ID</i>	SPB1
<i>Model</i>	VP	<i>Serial Number</i>	APCD ID 2-1
<i>Location Note</i>			
<i>Device Description</i>	PUC gas or low-sulfur fuel oil #2 or #6.		

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### 3.2.4 Main Boiler Silicate Plant Boiler 2

<i>Device ID #</i>	<b>000082</b>	<i>Device Name</i>	<b>Main Boiler Silicate Plant Boiler 2</b>
<i>Rated Heat Input</i>	23.000 MMBtu/Hour	<i>Physical Size</i>	195960.00 MMBtu/yr
<i>Manufacturer</i>	Nebraska	<i>Operator ID</i>	SPB2
<i>Model</i>	NS-B-32-ECON	<i>Serial Number</i>	
<i>Location Note</i>			
<i>Device Description</i>	PUC gas or low sulfur fuel oil #2 or #6 , low-NOx burner.		

### 3.2.5 Baghouses - Silicate Production Line

#### 3.2.5.1 Silicate Plant Flash Dryer Baghouse

<i>Device ID #</i>	<b>103474</b>	<i>Device Name</i>	<b>Silicate Plant Flash Dryer Baghouse</b>
<i>Rated Heat Input</i>		<i>Physical Size</i>	14700.00 scf/Minute
<i>Manufacturer</i>	Mikro-Pulsaire	<i>Operator ID</i>	SPFDBH
<i>Model</i>	Gortex/Polyester	<i>Serial Number</i>	
<i>Location Note</i>			
<i>Device Description</i>	Product collection; Negative pressure; Bag Diam. (in): 4.5; Bag Length (ft): 8.33; Total Cloth Area: 3770; Est. A/C Ratio: 3.9; enclosed		

#### 3.2.5.2 Silicate Plant Feed Mix Baghouse

<i>Device ID #</i>	<b>000138</b>	<i>Device Name</i>	<b>Silicate Plant Feed Mix Baghouse</b>
<i>Rated Heat Input</i>		<i>Physical Size</i>	35984.00 scf/Minute
<i>Manufacturer</i>	Sly	<i>Operator ID</i>	SPFMBH
<i>Model</i>	Polyester	<i>Serial Number</i>	
<i>Location Note</i>			
<i>Device Description</i>	Vents crushing area, conveyor and re-feed areas; Negative pressure; Bag Diam. (in): env; Bag Length (ft): 43x36 in; Total Cloth Area: 1677; enclosed		

#### 3.2.5.3 Silicate Plant Lime Baghouse

<i>Device ID #</i>	<b>000139</b>	<i>Device Name</i>	<b>Silicate Plant Lime Baghouse</b>
<i>Rated Heat Input</i>		<i>Physical Size</i>	3000.00 scf/Minute
<i>Manufacturer</i>	Fuller Bulk Handling	<i>Operator ID</i>	SPLBH
<i>Model</i>	Nylon	<i>Serial Number</i>	
<i>Location Note</i>			
<i>Device Description</i>	Bin ventilation; Negative pressure; Bag Diam. (in): 6.0; Bag Length (ft): 8.0; Total Cloth Area: 754; enclosed		

### 3.2.5.4 Silicate Plant Production Baghouse

<b>Device ID #</b>	<b>000141</b>	<b>Device Name</b>	<b>Silicate Plant Production Baghouse</b>
<i>Rated Heat Input</i>		<i>Physical Size</i>	3300.00 scf/Minute
<i>Manufacturer</i>	Mikro Collector	<i>Operator ID</i>	SPPBH
<i>Model</i>	18 oz Dralon felt	<i>Serial Number</i>	
<i>Location Note</i>			
<i>Device Description</i>	Product collection; Negative pressure; Bag Diam. (in): 18.0; Bag Length (ft): 11.83; Total Cloth Area: 892; Est. A/C Ratio: 2.5; enclosed		

### 3.2.5.5 Silicate Plant Ventilation Baghouse (Pack Area)

<b>Device ID #</b>	<b>000142</b>	<b>Device Name</b>	<b>Silicate Plant Ventilation Baghouse (Pack Area)</b>
<i>Rated Heat Input</i>		<i>Physical Size</i>	40000.00 scf/Minute
<i>Manufacturer</i>	Mikro-Pulsaire	<i>Operator ID</i>	SPVBH
<i>Model</i>	Polypropylene	<i>Serial Number</i>	
<i>Location Note</i>			
<i>Device Description</i>	Ventilation packer and spillage, blow off booth, belt dryer, conveyors, AW packer, bulk packing unit; Negative pressure; Bag Diam. (in): 4.5; Bag Length (ft): 10.0; Total Cloth Area: 8588; enclosed		

### 3.2.6 Refeed Station

<b>Device ID #</b>	<b>103405</b>	<b>Device Name</b>	<b>Refeed Station</b>
<i>Rated Heat Input</i>		<i>Physical Size</i>	
<i>Manufacturer</i>		<i>Operator ID</i>	
<i>Model</i>		<i>Serial Number</i>	
<i>Location Note</i>			
<i>Device Description</i>			

### 3.2.7 Screws

<b>Device ID #</b>	<b>103408</b>	<b>Device Name</b>	<b>Screws</b>
<i>Rated Heat Input</i>		<i>Physical Size</i>	
<i>Manufacturer</i>		<i>Operator ID</i>	
<i>Model</i>		<i>Serial Number</i>	
<i>Location Note</i>			
<i>Device Description</i>	Number of devices is currently unknown.		

### 3.3 Mortar Production Line

#### 3.3.1 Cyclones

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<b>Device ID #</b>	<b>103426</b>	<b>Device Name</b>	<b>Cyclones</b>
<i>Rated Heat Input</i>		<i>Physical Size</i>	
<i>Manufacturer</i>		<i>Operator ID</i>	
<i>Model</i>		<i>Serial Number</i>	
<i>Location Note</i>			
<i>Device Description</i>			

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#### 3.3.2 Hoppers

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<b>Device ID #</b>	<b>103427</b>	<b>Device Name</b>	<b>Hoppers</b>
<i>Rated Heat Input</i>		<i>Physical Size</i>	
<i>Manufacturer</i>		<i>Operator ID</i>	
<i>Model</i>		<i>Serial Number</i>	
<i>Location Note</i>			
<i>Device Description</i>	Mixer feed hopper with (2) hopper mixers, and a spillage hopper		

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#### 3.3.3 Packer

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<b>Device ID #</b>	<b>103428</b>	<b>Device Name</b>	<b>Packer</b>
<i>Rated Heat Input</i>		<i>Physical Size</i>	2.00 Tons/Hour
<i>Manufacturer</i>		<i>Operator ID</i>	
<i>Model</i>		<i>Serial Number</i>	
<i>Location Note</i>			
<i>Device Description</i>	Packer is equipped with the spillage hopper		

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#### 3.3.4 Bagwasher Flattener

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<b>Device ID #</b>	<b>103429</b>	<b>Device Name</b>	<b>Bagwasher Flattener</b>
<i>Rated Heat Input</i>		<i>Physical Size</i>	
<i>Manufacturer</i>		<i>Operator ID</i>	
<i>Model</i>		<i>Serial Number</i>	
<i>Location Note</i>			
<i>Device Description</i>	Bag flattener and air washer		

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#### 3.3.5 Mixer

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<b>Device ID #</b>	<b>103430</b>	<b>Device Name</b>	<b>Mixer</b>
<i>Rated Heat Input</i>		<i>Physical Size</i>	
<i>Manufacturer</i>		<i>Operator ID</i>	

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*Model* *Serial Number*  
*Location Note*  
*Device Description* (2) hopper mixers

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### 3.3.6 Bag Breaking Station

<i>Device ID #</i>	103431	<i>Device Name</i>	Bag Breaking Station
<i>Rated Heat Input</i>		<i>Physical Size</i>	
<i>Manufacturer</i>		<i>Operator ID</i>	CP23
<i>Model</i>		<i>Serial Number</i>	
<i>Location Note</i>			
<i>Device Description</i>	Includes a feed hopper and an empty bag compactor		

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### 3.3.7 Baghouses - Mortar Prod Line

#### 3.3.7.1 Mortar Plant Ventilation Baghouse

<i>Device ID #</i>	000146	<i>Device Name</i>	Mortar Plant Ventilation Baghouse
<i>Rated Heat Input</i>		<i>Physical Size</i>	38465.00 scf/Minute
<i>Manufacturer</i>	Sly	<i>Operator ID</i>	MPVBH
<i>Model</i>	Polyester	<i>Serial Number</i>	
<i>Location Note</i>			
<i>Device Description</i>	Ventilation to refeed and packaging areas of mortar plant; Negative pressure; Bag Diam. (in): 3-sec env.; Bag Length (ft): 43x36 in; Total Cloth Area: 6966; enclosed		

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### 3.4 Pellet Production Line

#### 3.4.1 Mixer

<i>Device ID #</i>	103440	<i>Device Name</i>	Mixer
<i>Rated Heat Input</i>		<i>Physical Size</i>	
<i>Manufacturer</i>		<i>Operator ID</i>	
<i>Model</i>		<i>Serial Number</i>	
<i>Location Note</i>			
<i>Device Description</i>			

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#### 3.4.2 Bucket Elevators

<i>Device ID #</i>	103437	<i>Device Name</i>	Bucket Elevators
<i>Rated Heat Input</i>		<i>Physical Size</i>	
<i>Manufacturer</i>		<i>Operator ID</i>	
<i>Model</i>		<i>Serial Number</i>	
<i>Location Note</i>			

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*Device Description*

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### 3.4.3 Belt Conveyors

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<b>Device ID #</b>	<b>103438</b>	<b>Device Name</b>	<b>Belt Conveyors</b>
<i>Rated Heat Input</i>		<i>Physical Size</i>	
<i>Manufacturer</i>		<i>Operator ID</i>	
<i>Model</i>		<i>Serial Number</i>	
<i>Location Note</i>			
<i>Device Description</i>	(1) conveyor associated with bucket elevator, (5) conveyors, (1) belt conveyor associated with sweco screen, (1) conveynor associated with surge bin		

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### 3.4.4 Pellet Plant Dryer

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<b>Device ID #</b>	<b>005843</b>	<b>Device Name</b>	<b>Pellet Plant Dryer</b>
<i>Rated Heat Input</i>	4.500 MMBtu/Hour	<i>Physical Size</i>	
<i>Manufacturer</i>		<i>Operator ID</i>	
<i>Model</i>		<i>Serial Number</i>	
<i>Location Note</i>			
<i>Device Description</i>	Fired on natural gas		

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### 3.4.5 Screens

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<b>Device ID #</b>	<b>103434</b>	<b>Device Name</b>	<b>Screens</b>
<i>Rated Heat Input</i>		<i>Physical Size</i>	
<i>Manufacturer</i>		<i>Operator ID</i>	
<i>Model</i>		<i>Serial Number</i>	
<i>Location Note</i>			
<i>Device Description</i>	(2) Sweco screens		

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### 3.4.6 Bins

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<b>Device ID #</b>	<b>103433</b>	<b>Device Name</b>	<b>Bins</b>
<i>Rated Heat Input</i>		<i>Physical Size</i>	
<i>Manufacturer</i>		<i>Operator ID</i>	
<i>Model</i>		<i>Serial Number</i>	
<i>Location Note</i>			
<i>Device Description</i>	(2) surge bins, (3) packer bins		

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### 3.4.7 Pellet Plant Kiln

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<b>Device ID #</b>	<b>005844</b>	<b>Device Name</b>	<b>Pellet Plant Kiln</b>
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<i>Rated Heat Input</i>	4.400 MMBtu/Hour	<i>Physical Size</i>
<i>Manufacturer</i>		<i>Operator ID</i>
<i>Model</i>		<i>Serial Number</i>
<i>Location Note</i>		
<i>Device Description</i>	Fired on natural gas	

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### 3.4.8 Cyclones

<b><i>Device ID #</i></b>	<b>103432</b>	<b><i>Device Name</i></b>	<b>Cyclones</b>
<i>Rated Heat Input</i>		<i>Physical Size</i>	
<i>Manufacturer</i>		<i>Operator ID</i>	
<i>Model</i>		<i>Serial Number</i>	
<i>Location Note</i>			
<i>Device Description</i>			

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### 3.4.9 Hoppers

<b><i>Device ID #</i></b>	<b>103435</b>	<b><i>Device Name</i></b>	<b>Hoppers</b>
<i>Rated Heat Input</i>		<i>Physical Size</i>	
<i>Manufacturer</i>		<i>Operator ID</i>	
<i>Model</i>		<i>Serial Number</i>	
<i>Location Note</i>			
<i>Device Description</i>			

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### 3.4.10 Packers

<b><i>Device ID #</i></b>	<b>103436</b>	<b><i>Device Name</i></b>	<b>Packers</b>
<i>Rated Heat Input</i>		<i>Physical Size</i>	10.00 Tons/Hour
<i>Manufacturer</i>		<i>Operator ID</i>	
<i>Model</i>		<i>Serial Number</i>	
<i>Location Note</i>			
<i>Device Description</i>			

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### 3.4.11 Screws

<b><i>Device ID #</i></b>	<b>103439</b>	<b><i>Device Name</i></b>	<b>Screws</b>
<i>Rated Heat Input</i>		<i>Physical Size</i>	
<i>Manufacturer</i>		<i>Operator ID</i>	
<i>Model</i>		<i>Serial Number</i>	
<i>Location Note</i>			
<i>Device Description</i>	Number of devices is currently unknown.		

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### 3.4.12 Baghouses - Pellet Prod Line

#### 3.4.12.1 Pellet Plant Ventilation Baghouse - Hot

<i>Device ID #</i>	<b>000148</b>	<i>Device Name</i>	<b>Pellet Plant Ventilation Baghouse - Hot</b>
<i>Rated Heat Input</i>		<i>Physical Size</i>	10500.00 scf/Minute
<i>Manufacturer</i>	Midwesco Filter Resources	<i>Operator ID</i>	PPHVBH
<i>Model</i>	Aramid w/Tetratex Membrane	<i>Serial Number</i>	
<i>Location Note</i>			
<i>Device Description</i>	Ventilation sweco, bucket elevator, pellet kilns, packers, vibrating feeder, screen. CAFA kiln, cyclone & vent hood; Negative pressure; Bag Diam. (in): 4.625; Bag Length (ft): 10.0; Total Cloth Area: 1744; Est. A/C Ratio: 5.9; enclosed		

#### 3.4.12.2 Pellet Plant Ventilation Baghouse - Cold

<i>Device ID #</i>	<b>000147</b>	<i>Device Name</i>	<b>Pellet Plant Ventilation Baghouse - Cold</b>
<i>Rated Heat Input</i>		<i>Physical Size</i>	18549.00 scf/Minute
<i>Manufacturer</i>	Mikro-Pulsaire	<i>Operator ID</i>	PPCVBH
<i>Model</i>	Polyester Felt	<i>Serial Number</i>	
<i>Location Note</i>			
<i>Device Description</i>	Ventilation conveyor dryer, refeed area, surge bin, sweco, conveyors; Negative pressure; Bag Diam. (in): 4.5; Bag Length (ft): 10.4; Total Cloth Area: 3313; enclosed		

### 3.5 Chromosorb Production Line

#### 3.5.1 Chromosorb Bins

<i>Device ID #</i>	<b>103443</b>	<i>Device Name</i>	<b>Chromosorb Bins</b>
<i>Rated Heat Input</i>		<i>Physical Size</i>	
<i>Manufacturer</i>		<i>Operator ID</i>	
<i>Model</i>		<i>Serial Number</i>	
<i>Location Note</i>			
<i>Device Description</i>	(1) bag feed bin		

#### 3.5.2 Chromosorb Screens

<i>Device ID #</i>	<b>103444</b>	<i>Device Name</i>	<b>Chromosorb Screens</b>
<i>Rated Heat Input</i>		<i>Physical Size</i>	
<i>Manufacturer</i>		<i>Operator ID</i>	
<i>Model</i>		<i>Serial Number</i>	

Location Note  
Device Description

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### 3.5.3 Chromosorb Hoppers

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<b>Device ID #</b>	<b>103445</b>	<b>Device Name</b>	<b>Chromosorb Hoppers</b>
<i>Rated Heat Input</i>		<i>Physical Size</i>	
<i>Manufacturer</i>		<i>Operator ID</i>	
<i>Model</i>		<i>Serial Number</i>	
<i>Location Note</i>			
<i>Device Description</i>	(1) coarse hopper, (1) fines hopper		

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### 3.5.4 Crushers

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<b>Device ID #</b>	<b>103447</b>	<b>Device Name</b>	<b>Crushers</b>
<i>Rated Heat Input</i>		<i>Physical Size</i>	
<i>Manufacturer</i>		<i>Operator ID</i>	
<i>Model</i>		<i>Serial Number</i>	
<i>Location Note</i>			
<i>Device Description</i>			

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### 3.5.5 Chromosorb Cyclones

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<b>Device ID #</b>	<b>103441</b>	<b>Device Name</b>	<b>Chromosorb Cyclones</b>
<i>Rated Heat Input</i>		<i>Physical Size</i>	
<i>Manufacturer</i>		<i>Operator ID</i>	
<i>Model</i>		<i>Serial Number</i>	
<i>Location Note</i>			
<i>Device Description</i>			

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### 3.5.6 Chromosorb Product Wash Equipment

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<b>Device ID #</b>	<b>103451</b>	<b>Device Name</b>	<b>Chromosorb Product Wash Equipment</b>
<i>Rated Heat Input</i>		<i>Physical Size</i>	
<i>Manufacturer</i>		<i>Operator ID</i>	
<i>Model</i>		<i>Serial Number</i>	
<i>Location Note</i>			
<i>Device Description</i>	Number of devices is currently unknown.		

---

### 3.5.7 Electric Ovens

<b>Device ID #</b>	<b>103450</b>	<b>Device Name</b>	<b>Electric Ovens</b>
<i>Rated Heat Input</i>		<i>Physical Size</i>	
<i>Manufacturer</i>		<i>Operator ID</i>	
<i>Model</i>		<i>Serial Number</i>	
<i>Location Note</i>			
<i>Device Description</i>	(1) OSI, (2) Despatch, (1) Proctor & Schwartz		

### 3.5.8 Chemical Treatment and Storage Tanks

<b>Device ID #</b>	<b>103449</b>	<b>Device Name</b>	<b>Chemical Treatment and Storage Tanks</b>
<i>Rated Heat Input</i>		<i>Physical Size</i>	
<i>Manufacturer</i>		<i>Operator ID</i>	
<i>Model</i>		<i>Serial Number</i>	
<i>Location Note</i>			
<i>Device Description</i>			

### 3.5.9 Chromosorb Plant: Rotoclone Scrubber

<b>Device ID #</b>	<b>000150</b>	<b>Device Name</b>	<b>Chromosorb Plant: Rotoclone Scrubber</b>
<i>Rated Heat Input</i>		<i>Physical Size</i>	10000.00 scf/Minute
<i>Manufacturer</i>		<i>Operator ID</i>	CROTO
<i>Model</i>		<i>Serial Number</i>	
<i>Location Note</i>			
<i>Device Description</i>			

### 3.5.10 Baghouses - Chromosorb Prod Line

#### 3.5.10.1 Chromosorb Ventilation Baghouse - South

<b>Device ID #</b>	<b>000149</b>	<b>Device Name</b>	<b>Chromosorb Ventilation Baghouse - South</b>
<i>Rated Heat Input</i>		<i>Physical Size</i>	7800.00 scf/Minute
<i>Manufacturer</i>	Flex-Kleen	<i>Operator ID</i>	CPVBHS
<i>Model</i>	16 oz Dacron polyester felt	<i>Serial Number</i>	
<i>Location Note</i>			
<i>Device Description</i>	Ventilation chromosorb processes; Negative pressure; Bag Diam. (in): 5.75; Bag Length (ft): 8.5; Total Cloth Area: 2252; enclosed		

### 3.5.11 Chromosorb Blowers

<b>Device ID #</b>	<b>103442</b>	<b>Device Name</b>	<b>Chromosorb Blowers</b>
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*Rated Heat Input*  
*Manufacturer*  
*Model*  
*Location Note*  
*Device Description*

*Physical Size*  
*Operator ID*  
*Serial Number*

### 3.5.12 Chromosorb Packers

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<b>Device ID #</b>	<b>103446</b>	<b>Device Name</b>	<b>Chromosorb Packers</b>
<i>Rated Heat Input</i>		<i>Physical Size</i>	100.00 lb/Hour
<i>Manufacturer</i>		<i>Operator ID</i>	
<i>Model</i>		<i>Serial Number</i>	
<i>Location Note</i>			
<i>Device Description</i>			

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### 3.5.13 Mills

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<b>Device ID #</b>	<b>103448</b>	<b>Device Name</b>	<b>Mills</b>
<i>Rated Heat Input</i>		<i>Physical Size</i>	
<i>Manufacturer</i>		<i>Operator ID</i>	
<i>Model</i>		<i>Serial Number</i>	
<i>Location Note</i>			
<i>Device Description</i>			

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## 3.6 Acid Washed Filter Aid Production Line

### 3.6.1 Sulfuric Acid Tank

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<b>Device ID #</b>	<b>103420</b>	<b>Device Name</b>	<b>Sulfuric Acid Tank</b>
<i>Rated Heat Input</i>		<i>Physical Size</i>	
<i>Manufacturer</i>		<i>Operator ID</i>	
<i>Model</i>		<i>Serial Number</i>	
<i>Location Note</i>			
<i>Device Description</i>			

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### 3.6.2 Premix Tank

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<b>Device ID #</b>	<b>103421</b>	<b>Device Name</b>	<b>Premix Tank</b>
<i>Rated Heat Input</i>		<i>Physical Size</i>	
<i>Manufacturer</i>		<i>Operator ID</i>	
<i>Model</i>		<i>Serial Number</i>	
<i>Location Note</i>			
<i>Device Description</i>			

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### 3.6.3 Reaction Tank

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<b>Device ID #</b>	<b>103422</b>	<b>Device Name</b>	<b>Reaction Tank</b>
<i>Rated Heat Input</i>		<i>Physical Size</i>	
<i>Manufacturer</i>		<i>Operator ID</i>	
<i>Model</i>		<i>Serial Number</i>	
<i>Location Note</i>			
<i>Device Description</i>			

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### 3.6.4 Holding Tanks

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<b>Device ID #</b>	<b>103423</b>	<b>Device Name</b>	<b>Holding Tanks</b>
<i>Rated Heat Input</i>		<i>Physical Size</i>	
<i>Manufacturer</i>		<i>Operator ID</i>	
<i>Model</i>		<i>Serial Number</i>	
<i>Location Note</i>			
<i>Device Description</i>			

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### 3.6.5 Horizontal Belt Filter

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<b>Device ID #</b>	<b>103424</b>	<b>Device Name</b>	<b>Horizontal Belt Filter</b>
<i>Rated Heat Input</i>		<i>Physical Size</i>	
<i>Manufacturer</i>		<i>Operator ID</i>	
<i>Model</i>		<i>Serial Number</i>	
<i>Location Note</i>			
<i>Device Description</i>	includes a belt conveyor		

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### 3.6.6 Acid Wash Cyclones

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<b>Device ID #</b>	<b>103416</b>	<b>Device Name</b>	<b>Acid Wash Cyclones</b>
<i>Rated Heat Input</i>		<i>Physical Size</i>	
<i>Manufacturer</i>		<i>Operator ID</i>	
<i>Model</i>		<i>Serial Number</i>	
<i>Location Note</i>			
<i>Device Description</i>			

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### 3.6.7 Acid Wash Blowers

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<b>Device ID #</b>	<b>103417</b>	<b>Device Name</b>	<b>Acid Wash Blowers</b>
<i>Rated Heat Input</i>		<i>Physical Size</i>	

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Manufacturer  
Model  
Location Note  
Device Description

Operator ID  
Serial Number

### 3.6.8 Acid Wash Hoppers

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<b>Device ID #</b>	<b>103418</b>	<b>Device Name</b>	<b>Acid Wash Hoppers</b>
Rated Heat Input		Physical Size	
Manufacturer		Operator ID	
Model		Serial Number	
Location Note			
Device Description			

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### 3.6.9 Acid Wash Packers

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<b>Device ID #</b>	<b>103419</b>	<b>Device Name</b>	<b>Acid Wash Packers</b>
Rated Heat Input		Physical Size	1200.00 lb/Hour
Manufacturer		Operator ID	
Model		Serial Number	
Location Note			
Device Description			

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### 3.6.10 Acid Wash Pumps

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<b>Device ID #</b>	<b>103425</b>	<b>Device Name</b>	<b>Acid Wash Pumps</b>
Rated Heat Input		Physical Size	
Manufacturer		Operator ID	
Model		Serial Number	
Location Note			
Device Description	Filtrate pump, vacuum pump, and sump pump		

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### 3.7 Celite Analytical Filter Aid Production Line

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<b>Device ID #</b>	<b>103265</b>	<b>Device Name</b>	<b>Celite Analytical Filter Aid Production Line</b>
Rated Heat Input		Physical Size	100.00 lb/Hour
Manufacturer		Operator ID	
Model		Serial Number	
Location Note			
Device Description			

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### 3.7.1 Feed Hopper

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<b>Device ID #</b>	<b>103455</b>	<b>Device Name</b>	<b>Feed Hopper</b>
<i>Rated Heat Input</i>		<i>Physical Size</i>	
<i>Manufacturer</i>		<i>Operator ID</i>	
<i>Model</i>		<i>Serial Number</i>	
<i>Location Note</i>			
<i>Device Description</i>			

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### 3.7.2 Screw Conveyor

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<b>Device ID #</b>	<b>103457</b>	<b>Device Name</b>	<b>Screw Conveyor</b>
<i>Rated Heat Input</i>		<i>Physical Size</i>	
<i>Manufacturer</i>		<i>Operator ID</i>	
<i>Model</i>		<i>Serial Number</i>	
<i>Location Note</i>			
<i>Device Description</i>			

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### 3.7.3 Milling Blower

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<b>Device ID #</b>	<b>103453</b>	<b>Device Name</b>	<b>Milling Blower</b>
<i>Rated Heat Input</i>		<i>Physical Size</i>	
<i>Manufacturer</i>		<i>Operator ID</i>	
<i>Model</i>		<i>Serial Number</i>	
<i>Location Note</i>			
<i>Device Description</i>			

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### 3.7.4 Cyclone

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<b>Device ID #</b>	<b>103452</b>	<b>Device Name</b>	<b>Cyclone</b>
<i>Rated Heat Input</i>		<i>Physical Size</i>	
<i>Manufacturer</i>		<i>Operator ID</i>	
<i>Model</i>		<i>Serial Number</i>	
<i>Location Note</i>			
<i>Device Description</i>			

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### 3.7.5 Surge Bin

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<b>Device ID #</b>	<b>103454</b>	<b>Device Name</b>	<b>Surge Bin</b>
<i>Rated Heat Input</i>		<i>Physical Size</i>	
<i>Manufacturer</i>		<i>Operator ID</i>	
<i>Model</i>		<i>Serial Number</i>	
<i>Location Note</i>			

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*Device Description*

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### 3.7.6 Drum Packer

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<b>Device ID #</b>	<b>103456</b>	<b>Device Name</b>	<b>Drum Packer</b>
<i>Rated Heat Input</i>		<i>Physical Size</i>	100.00 lb/Hour
<i>Manufacturer</i>		<i>Operator ID</i>	
<i>Model</i>		<i>Serial Number</i>	
<i>Location Note</i>			
<i>Device Description</i>			

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### 3.7.7 Baghouses - Celite Analytical Filter Aid Prod Line

#### 3.7.7.1 CAFA Baghouse

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<b>Device ID #</b>	<b>000152</b>	<b>Device Name</b>	<b>CAFA Baghouse</b>
<i>Rated Heat Input</i>		<i>Physical Size</i>	138.00 scf/Minute
<i>Manufacturer</i>	JM Open	<i>Operator ID</i>	CAFABH
<i>Model</i>	Orlon	<i>Serial Number</i>	
<i>Location Note</i>			
<i>Device Description</i>	Ventilation CAFA equipment; Positive pressure; Bag Diam. (in): 9.0; Bag Length (ft): 11.0; Total Cloth Area: 130; Est. A/C Ratio: 1.0; open		

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### 3.8 Nos. 3 and 5 Air Sifters

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<b>Device ID #</b>	<b>103260</b>	<b>Device Name</b>	<b>Nos. 3 and 5 Air Sifters</b>
<i>Rated Heat Input</i>		<i>Physical Size</i>	8.20 Tons/Hour
<i>Manufacturer</i>		<i>Operator ID</i>	
<i>Model</i>		<i>Serial Number</i>	
<i>Location Note</i>	Note (a): Unless otherwise noted, feed rate is from correspondence provided by Steven Kirby, Manville's Attorney, to Joan Heredia, APCD Engineer, dated January 11, 1989.		
<i>Device Description</i>			

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#### 3.8.1 Blowers

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<b>Device ID #</b>	<b>103410</b>	<b>Device Name</b>	<b>Blowers</b>
<i>Rated Heat Input</i>		<i>Physical Size</i>	
<i>Manufacturer</i>		<i>Operator ID</i>	
<i>Model</i>		<i>Serial Number</i>	
<i>Location Note</i>			
<i>Device Description</i>			

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### 3.8.2 Bins

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<b>Device ID #</b>	<b>103411</b>	<b>Device Name</b>	<b>Bins</b>
<i>Rated Heat Input</i>		<i>Physical Size</i>	
<i>Manufacturer</i>		<i>Operator ID</i>	
<i>Model</i>		<i>Serial Number</i>	
<i>Location Note</i>			
<i>Device Description</i>			

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### 3.8.3 Cyclones

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<b>Device ID #</b>	<b>103409</b>	<b>Device Name</b>	<b>Cyclones</b>
<i>Rated Heat Input</i>		<i>Physical Size</i>	
<i>Manufacturer</i>		<i>Operator ID</i>	
<i>Model</i>		<i>Serial Number</i>	
<i>Location Note</i>			
<i>Device Description</i>			

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### 3.8.4 Packers

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<b>Device ID #</b>	<b>103412</b>	<b>Device Name</b>	<b>Packers</b>
<i>Rated Heat Input</i>		<i>Physical Size</i>	8.20 Tons/Hour
<i>Manufacturer</i>		<i>Operator ID</i>	
<i>Model</i>		<i>Serial Number</i>	
<i>Location Note</i>			
<i>Device Description</i>			

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### 3.8.5 Pumps

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<b>Device ID #</b>	<b>103413</b>	<b>Device Name</b>	<b>Pumps</b>
<i>Rated Heat Input</i>		<i>Physical Size</i>	
<i>Manufacturer</i>		<i>Operator ID</i>	
<i>Model</i>		<i>Serial Number</i>	
<i>Location Note</i>			
<i>Device Description</i>			

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### 3.8.6 Air Sifters

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<b>Device ID #</b>	<b>103414</b>	<b>Device Name</b>	<b>Air Sifters</b>
<i>Rated Heat Input</i>		<i>Physical Size</i>	
<i>Manufacturer</i>		<i>Operator ID</i>	

---

Model  
Location Note  
Device Description

Serial Number

### 3.8.7 Screws

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<b>Device ID #</b>	<b>103415</b>	<b>Device Name</b>	<b>Screws</b>
<i>Rated Heat Input</i>		<i>Physical Size</i>	
<i>Manufacturer</i>		<i>Operator ID</i>	
<i>Model</i>		<i>Serial Number</i>	
<i>Location Note</i>			
<i>Device Description</i>			

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### 3.9 Experimental Plant

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<b>Device ID #</b>	<b>103266</b>	<b>Device Name</b>	<b>Experimental Plant</b>
<i>Rated Heat Input</i>		<i>Physical Size</i>	500.00 lb/Hour
<i>Manufacturer</i>		<i>Operator ID</i>	
<i>Model</i>		<i>Serial Number</i>	
<i>Location Note</i>			
<i>Device Description</i>			

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### 3.9.1 Cyclones

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<b>Device ID #</b>	<b>103458</b>	<b>Device Name</b>	<b>Cyclones</b>
<i>Rated Heat Input</i>		<i>Physical Size</i>	
<i>Manufacturer</i>		<i>Operator ID</i>	
<i>Model</i>		<i>Serial Number</i>	
<i>Location Note</i>			
<i>Device Description</i>			

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### 3.9.2 Blowers

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<b>Device ID #</b>	<b>103459</b>	<b>Device Name</b>	<b>Blowers</b>
<i>Rated Heat Input</i>		<i>Physical Size</i>	
<i>Manufacturer</i>		<i>Operator ID</i>	
<i>Model</i>		<i>Serial Number</i>	
<i>Location Note</i>			
<i>Device Description</i>			

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### 3.9.3 Bins

<b>Device ID #</b>	<b>103460</b>	<b>Device Name</b>	<b>Bins</b>
<i>Rated Heat Input</i>		<i>Physical Size</i>	
<i>Manufacturer</i>		<i>Operator ID</i>	
<i>Model</i>		<i>Serial Number</i>	
<i>Location Note</i>			
<i>Device Description</i>			

### 3.9.4 Packers

<b>Device ID #</b>	<b>103461</b>	<b>Device Name</b>	<b>Packers</b>
<i>Rated Heat Input</i>		<i>Physical Size</i>	1.75 Tons/Hour
<i>Manufacturer</i>		<i>Operator ID</i>	
<i>Model</i>		<i>Serial Number</i>	
<i>Location Note</i>			
<i>Device Description</i>			

### 3.9.5 Mixer

<b>Device ID #</b>	<b>103462</b>	<b>Device Name</b>	<b>Mixer</b>
<i>Rated Heat Input</i>		<i>Physical Size</i>	
<i>Manufacturer</i>		<i>Operator ID</i>	
<i>Model</i>		<i>Serial Number</i>	
<i>Location Note</i>			
<i>Device Description</i>	Number of devices is currently unknown.		

### 3.9.6 Air Sifters

<b>Device ID #</b>	<b>103463</b>	<b>Device Name</b>	<b>Air Sifters</b>
<i>Rated Heat Input</i>		<i>Physical Size</i>	
<i>Manufacturer</i>		<i>Operator ID</i>	
<i>Model</i>		<i>Serial Number</i>	
<i>Location Note</i>			
<i>Device Description</i>			

### 3.9.7 Separator

<b>Device ID #</b>	<b>103464</b>	<b>Device Name</b>	<b>Separator</b>
<i>Rated Heat Input</i>		<i>Physical Size</i>	
<i>Manufacturer</i>		<i>Operator ID</i>	
<i>Model</i>		<i>Serial Number</i>	
<i>Location Note</i>			
<i>Device Description</i>	Number of devices is currently unknown.		

### 3.9.8 Delumper

---

<b>Device ID #</b>	<b>103465</b>	<b>Device Name</b>	<b>Delumper</b>
<i>Rated Heat Input</i>		<i>Physical Size</i>	
<i>Manufacturer</i>		<i>Operator ID</i>	
<i>Model</i>		<i>Serial Number</i>	
<i>Location Note</i>			
<i>Device Description</i>	Number of devices is currently unknown.		

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### 3.9.9 Mill

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<b>Device ID #</b>	<b>103466</b>	<b>Device Name</b>	<b>Mill</b>
<i>Rated Heat Input</i>		<i>Physical Size</i>	
<i>Manufacturer</i>		<i>Operator ID</i>	
<i>Model</i>		<i>Serial Number</i>	
<i>Location Note</i>			
<i>Device Description</i>	Number of devices is currently unknown.		

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### 3.9.10 Feeders

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<b>Device ID #</b>	<b>103467</b>	<b>Device Name</b>	<b>Feeders</b>
<i>Rated Heat Input</i>		<i>Physical Size</i>	
<i>Manufacturer</i>		<i>Operator ID</i>	
<i>Model</i>		<i>Serial Number</i>	
<i>Location Note</i>			
<i>Device Description</i>			

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### 3.9.11 Belt Conveyor

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<b>Device ID #</b>	<b>103468</b>	<b>Device Name</b>	<b>Belt Conveyor</b>
<i>Rated Heat Input</i>		<i>Physical Size</i>	
<i>Manufacturer</i>		<i>Operator ID</i>	
<i>Model</i>		<i>Serial Number</i>	
<i>Location Note</i>			
<i>Device Description</i>	Number of devices is currently unknown.		

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### 3.9.12 Packer Columns

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<b>Device ID #</b>	<b>103469</b>	<b>Device Name</b>	<b>Packer Columns</b>
<i>Rated Heat Input</i>		<i>Physical Size</i>	
<i>Manufacturer</i>		<i>Operator ID</i>	

---

Model  
Location Note  
Device Description

Serial Number

### 3.9.13 Baghouses - Experimental Plant

#### 3.9.13.1 Experimental Plant Ventilation Baghouse

<i>Device ID #</i>	<b>005935</b>	<i>Device Name</i>	<b>Experimental Plant Ventilation Baghouse</b>
<i>Rated Heat Input</i>		<i>Physical Size</i>	1000.00 scf/Minute
<i>Manufacturer</i>	JM Open	<i>Operator ID</i>	XPBH
<i>Model</i>	Polyester	<i>Serial Number</i>	
<i>Location Note</i>			
<i>Device Description</i>	Ventilates Experimental plant; Positive pressure; Bag Diam. (in): 9.0; Bag Length (ft): 28.0; Total Cloth Area: 990; Est. A/C Ratio: 1.0; open		

#### 4 Jolter Bin

<i>Device ID #</i>	<b>108175</b>	<i>Device Name</i>	<b>Jolter Bin</b>
<i>Rated Heat Input</i>		<i>Physical Size</i>	
<i>Manufacturer</i>		<i>Operator ID</i>	
<i>Model</i>		<i>Serial Number</i>	
<i>Location Note</i>			
<i>Device Description</i>			

#### 5 Bulk Product and Waste Handling Systems (Tbl A-6)

##### 5.1 Truck and Railcar Loading System

###### 5.1.1 Bins

<i>Device ID #</i>	<b>103491</b>	<i>Device Name</i>	<b>Bins</b>
<i>Rated Heat Input</i>		<i>Physical Size</i>	
<i>Manufacturer</i>		<i>Operator ID</i>	
<i>Model</i>		<i>Serial Number</i>	
<i>Location Note</i>			
<i>Device Description</i>	Handles material from Lines #3-7 and #11		

##### 5.2 Truck Loading System at No. 5 & 6 Bins

<i>Device ID #</i>	<b>103268</b>	<i>Device Name</i>	<b>Truck Loading System at No. 5 &amp; 6 Bins</b>
<i>Rated Heat Input</i>		<i>Physical Size</i>	20.00 Tons/Hour

<i>Manufacturer</i>	<i>Operator ID</i>
<i>Model</i>	<i>Serial Number</i>
<i>Location Note</i>	
<i>Device Description</i>	Serves: Primary Processing Line No. 7

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### 5.2.1 Bulk Bins

<b>Device ID #</b>	<b>103493</b>	<b>Device Name</b>	<b>Bulk Bins</b>
<i>Rated Heat Input</i>		<i>Physical Size</i>	
<i>Manufacturer</i>		<i>Operator ID</i>	
<i>Model</i>		<i>Serial Number</i>	
<i>Location Note</i>			
<i>Device Description</i>			

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### 5.2.2 Powder Pumps

<b>Device ID #</b>	<b>103492</b>	<b>Device Name</b>	<b>Powder Pumps</b>
<i>Rated Heat Input</i>		<i>Physical Size</i>	
<i>Manufacturer</i>		<i>Operator ID</i>	
<i>Model</i>		<i>Serial Number</i>	
<i>Location Note</i>			
<i>Device Description</i>			

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## 5.3 Preseparator Waste System

### 5.3.1 Cyclones

<b>Device ID #</b>	<b>103495</b>	<b>Device Name</b>	<b>Cyclones</b>
<i>Rated Heat Input</i>		<i>Physical Size</i>	
<i>Manufacturer</i>		<i>Operator ID</i>	
<i>Model</i>		<i>Serial Number</i>	
<i>Location Note</i>			
<i>Device Description</i>			

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### 5.3.2 Preseparator Waste Blower

<b>Device ID #</b>	<b>103496</b>	<b>Device Name</b>	<b>Preseparator Waste Blower</b>
<i>Rated Heat Input</i>		<i>Physical Size</i>	
<i>Manufacturer</i>		<i>Operator ID</i>	
<i>Model</i>		<i>Serial Number</i>	
<i>Location Note</i>			
<i>Device Description</i>			

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### 5.3.3 Bins

<b>Device ID #</b>	<b>103494</b>	<b>Device Name</b>	<b>Bins</b>
<i>Rated Heat Input</i>		<i>Physical Size</i>	
<i>Manufacturer</i>		<i>Operator ID</i>	
<i>Model</i>		<i>Serial Number</i>	
<i>Location Note</i>			
<i>Device Description</i>	(1) preseparator waste bin		

### 5.3.4 Hopper

<b>Device ID #</b>	<b>103497</b>	<b>Device Name</b>	<b>Hopper</b>
<i>Rated Heat Input</i>		<i>Physical Size</i>	
<i>Manufacturer</i>		<i>Operator ID</i>	
<i>Model</i>		<i>Serial Number</i>	
<i>Location Note</i>			
<i>Device Description</i>			

### 5.3.5 Baghouses - Preseparator Waste System

#### 5.3.5.1 Preseparator Waste Baghouse

<b>Device ID #</b>	<b>000136</b>	<b>Device Name</b>	<b>Preseparator Waste Baghouse</b>
<i>Rated Heat Input</i>		<i>Physical Size</i>	20000.00 Square Feet
<i>Manufacturer</i>	Mikropul	<i>Operator ID</i>	PSWBH
<i>Model</i>	520R-10-40-TC "C"	<i>Serial Number</i>	
<i>Location Note</i>			
<i>Device Description</i>	Ventilation of Powder Mills wet end waste collection system; Negative pressure; Bag Diam. (in): 4.625; Bag Length (ft): 10.0; Total Cloth Area: 6296; Est. A/C Ratio: 5.0; enclosed		

### 5.4 General Waste Handling System

#### 5.4.1 General Waste Baghouse

<b>Device ID #</b>	<b>000137</b>	<b>Device Name</b>	<b>General Waste Baghouse</b>
<i>Rated Heat Input</i>		<i>Physical Size</i>	24150.00 scf/Minute
<i>Manufacturer</i>	Mikropul	<i>Operator ID</i>	GWBH
<i>Model</i>	611R-10-30-TR "C"	<i>Serial Number</i>	
<i>Location Note</i>			
<i>Device Description</i>	Ventilation of Powder Mills dry end, 7 System wet end waste collection and 5 & 6		

Semi-Bulk Packing Station; Negative pressure; Bag Diam. (in): 4.625; Bag Length (ft): 10.0; Total Cloth Area: 7398; Est. A/C Ratio: 3.0; enclosed

#### 5.4.2 General Waste Cyclones

<b>Device ID #</b>	<b>103499</b>	<b>Device Name</b>	<b>General Waste Cyclones</b>
<i>Rated Heat Input</i>		<i>Physical Size</i>	
<i>Manufacturer</i>		<i>Operator ID</i>	
<i>Model</i>		<i>Serial Number</i>	
<i>Location Note</i>			
<i>Device Description</i>			

#### 5.4.3 Baghouses - Central Waste System

#### 5.4.4 General Waste Blowers

<b>Device ID #</b>	<b>103500</b>	<b>Device Name</b>	<b>General Waste Blowers</b>
<i>Rated Heat Input</i>		<i>Physical Size</i>	
<i>Manufacturer</i>		<i>Operator ID</i>	
<i>Model</i>		<i>Serial Number</i>	
<i>Location Note</i>			
<i>Device Description</i>	(1) general waste blower, (1) booster blower		

#### 5.4.5 General Waste Bins

<b>Device ID #</b>	<b>103498</b>	<b>Device Name</b>	<b>General Waste Bins</b>
<i>Rated Heat Input</i>		<i>Physical Size</i>	
<i>Manufacturer</i>		<i>Operator ID</i>	
<i>Model</i>		<i>Serial Number</i>	
<i>Location Note</i>			
<i>Device Description</i>	Bin #1, Bin #4, Bin #10, Bin #8, Bin #9, and (1) waste bin		

#### 5.4.6 General Waste Hoppers

<b>Device ID #</b>	<b>103501</b>	<b>Device Name</b>	<b>General Waste Hoppers</b>
<i>Rated Heat Input</i>		<i>Physical Size</i>	
<i>Manufacturer</i>		<i>Operator ID</i>	
<i>Model</i>		<i>Serial Number</i>	
<i>Location Note</i>			
<i>Device Description</i>	(2) hoppers on baghouse, (2) hoppers with general waste bin		

### 5.4.7 General Waste Screw Conveyors

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<b>Device ID #</b>	<b>103502</b>	<b>Device Name</b>	<b>General Waste Screw Conveyors</b>
<i>Rated Heat Input</i>		<i>Physical Size</i>	
<i>Manufacturer</i>		<i>Operator ID</i>	
<i>Model</i>		<i>Serial Number</i>	
<i>Location Note</i>			
<i>Device Description</i>	screw conveyors per line: #4 (5), #5 (3), #6 (2), #7 (1),		

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## 5.5 Recirculating System

### 5.5.1 Cyclones

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<b>Device ID #</b>	<b>103504</b>	<b>Device Name</b>	<b>Cyclones</b>
<i>Rated Heat Input</i>		<i>Physical Size</i>	
<i>Manufacturer</i>		<i>Operator ID</i>	
<i>Model</i>		<i>Serial Number</i>	
<i>Location Note</i>			
<i>Device Description</i>			

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### 5.5.2 Blowers

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<b>Device ID #</b>	<b>103505</b>	<b>Device Name</b>	<b>Blowers</b>
<i>Rated Heat Input</i>		<i>Physical Size</i>	
<i>Manufacturer</i>		<i>Operator ID</i>	
<i>Model</i>		<i>Serial Number</i>	
<i>Location Note</i>			
<i>Device Description</i>			

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### 5.5.3 Bins

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<b>Device ID #</b>	<b>103503</b>	<b>Device Name</b>	<b>Bins</b>
<i>Rated Heat Input</i>		<i>Physical Size</i>	
<i>Manufacturer</i>		<i>Operator ID</i>	
<i>Model</i>		<i>Serial Number</i>	
<i>Location Note</i>			
<i>Device Description</i>			

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### 5.5.4 Screw and dust hole conveyor

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<b>Device ID #</b>	<b>103506</b>	<b>Device Name</b>	<b>Screw and dust hole conveyor</b>
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<i>Rated Heat Input</i>	<i>Physical Size</i>
<i>Manufacturer</i>	<i>Operator ID</i>
<i>Model</i>	<i>Serial Number</i>
<i>Location Note</i>	
<i>Device Description</i>	Number of devices is currently unknown.

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### 5.5.5 Baghouses - Recirculating System

#### 5.5.5.1 Recirculating System Ventilation Baghouse

<i>Device ID #</i>	<b>000135</b>	<i>Device Name</i>	<b>Recirculating System Ventilation Baghouse</b>
<i>Rated Heat Input</i>		<i>Physical Size</i>	18000.00 scf/Minute
<i>Manufacturer</i>	Mikropul	<i>Operator ID</i>	RBH
<i>Model</i>	408R-10/12 -30-TC "C"	<i>Serial Number</i>	
<i>Location Note</i>			
<i>Device Description</i>	Ventilation of Powder Mills dry end waste recovery; Negative pressure; Bag Diam. (in): 4.6; Bag Length (ft): 10.0; Total Cloth Area: 4940; Est. A/C Ratio: 3.6; enclosed		

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### 6 IC Engines (CARB-PERP) (See Exempt Equipment)

### 7 Miscellaneous Permit Exempt Devices (See Exempt Equipment)

### 8 Baghouses - Miscellaneous

#### 8.1 4 Dry End Baghouse

<i>Device ID #</i>	<b>000112</b>	<i>Device Name</i>	<b>4 Dry End Baghouse</b>
<i>Rated Heat Input</i>		<i>Physical Size</i>	
<i>Manufacturer</i>	JM Open	<i>Operator ID</i>	4DBH
<i>Model</i>		<i>Serial Number</i>	
<i>Location Note</i>			
<i>Device Description</i>	General Process Descrip: SC production collection		
	Pos./Neg: Pos.		
	Number of Socks: 330		
	Bag Diam. (in): 9.0		
	Bag Length (ft): 57.0		
	Total Cloth Area: 44320		
	Est Air Flow: 44320		
	Est. A/C Ratio: 1.0		
	Fabric Material: orlon		
	Cleaning Method: reverse air.		

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#### 8.2 978 Baghouse

<i>Device ID #</i>	<b>000110</b>	<i>Device Name</i>	<b>978 Baghouse</b>
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<i>Rated Heat Input</i>		<i>Physical Size</i>	scf/Day
<i>Manufacturer</i>	Sly	<i>Operator ID</i>	978BH
<i>Model</i>		<i>Serial Number</i>	
<i>Location Note</i>			
<i>Device Description</i>	General Process Descrip: Ventilation truck & railcar load station, Line 3 packing equip., dry end, powder pumps, refeed vent, 10# packing, No. 4 packer vent, 1&2 BB packers, 378 supplement		
	Pos./Neg: Neg.		
	Number of Socks: 306		
	Bag Diam. (in): envelope		
	Bag Length (ft): 43x36 in		
	Total Cloth Area: 6579		
	Est Air Flow: 32900		
	Est. A/C Ratio: 4.9		
	Fabric Material: polyester felt		
	Cleaning Method: 3-sect. blow-back.		

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### 8.3 4 Bulk Bin Baghouse

<b><i>Device ID #</i></b>	<b>103514</b>	<b><i>Device Name</i></b>	<b>4 Bulk Bin Baghouse</b>
<i>Rated Heat Input</i>		<i>Physical Size</i>	
<i>Manufacturer</i>	DCE - Sintamatic	<i>Operator ID</i>	4BBBH
<i>Model</i>		<i>Serial Number</i>	APCD ID 3-17
<i>Location Note</i>			
<i>Device Description</i>	General Process Descrip: Ventilation bulk bin, vents 4 semi-bulk station		
	Pos./Neg: Neg.		
	Number of Socks: 10		
	Bag Diam. (in): cartridge		
	Bag Length (ft): 5' 1.25"		
	Total Cloth Area: 850		
	Est Air Flow: 3200		
	Est. A/C Ratio:		
	Fabric Material: polyethylene, PTFE coating		
	Cleaning Method: pulse jet.		

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### 8.4 Sackroom Baghouse

<b><i>Device ID #</i></b>	<b>000153</b>	<b><i>Device Name</i></b>	<b>Sackroom Baghouse</b>
<i>Rated Heat Input</i>		<i>Physical Size</i>	
<i>Manufacturer</i>	JM Open	<i>Operator ID</i>	SRBH
<i>Model</i>		<i>Serial Number</i>	
<i>Location Note</i>			
<i>Device Description</i>	General Process Descrip: Sack room area & so. 1148 warehouse ventilation		
	Pos./Neg: Pos.		
	Number of Socks: 88		
	Bag Diam. (in): 9.0		
	Bag Length (ft): 24.0		
	Total Cloth Area: 4976		

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Est Air Flow: 4976  
 Est. A/C Ratio: 1.0  
 Fabric Material: cotton  
 Cleaning Method: manual.

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## 8.5 Soda Ash Baghouse

<i>Device ID #</i>	<b>109452</b>	<i>Device Name</i>	<b>Soda Ash Baghouse</b>
<i>Rated Heat Input</i>		<i>Physical Size</i>	
<i>Manufacturer</i>	DCE	<i>Operator ID</i>	SABH
<i>Model</i>	CSI 24K10, Type F	<i>Serial Number</i>	
<i>Location Note</i>			
<i>Device Description</i>	General Process Description: Ventilation soda ash BH		
	Cleaning method: pulse jet		
	Fabric material: Sintered polyethylene		
	Pos/Neg Press: Neg		
	Number of cartridges: 12		
	Cartridge dimensions: 3ft x 1.8ft		
	Cartridge length: 3ft		
	Total Fabric area: 245 sqft		
	Air/cloth ratio: 3.26:1		
	Pressure drop: 1 - 10 in H2O		
	Blower rating: 800 cfm		
	Blower motor rating: 7.5 hp		

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## 9 Celpure Plant

### 9.1 Vacuum System

### 9.2 Celpure Exempt Equipment

### 9.3 Celpure Process 1

#### 9.3.1 Hammermill

<i>Device ID #</i>	<b>106226</b>	<i>Device Name</i>	<b>Hammermill</b>
<i>Rated Heat Input</i>		<i>Physical Size</i>	175.00 Tons/Hour
<i>Manufacturer</i>	Jeffry	<i>Operator ID</i>	CP2
<i>Model</i>	45AB	<i>Serial Number</i>	
<i>Location Note</i>			
<i>Device Description</i>			

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#### 9.3.2 Upper Crude Hopper

<i>Device ID #</i>	<b>108409</b>	<i>Device Name</i>	<b>Upper Crude Hopper</b>
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<i>Rated Heat Input</i>		<i>Physical Size</i>	Tons/Hour
<i>Manufacturer</i>	Spokane Machinery	<i>Operator ID</i>	CP1
<i>Model</i>	custom	<i>Serial Number</i>	
<i>Location Note</i>			
<i>Device Description</i>			

### 9.3.3 Crude Bin

<b>Device ID #</b>	<b>106227</b>	<b>Device Name</b>	<b>Crude Bin</b>
<i>Rated Heat Input</i>		<i>Physical Size</i>	2650.00 Cubic Feet
<i>Manufacturer</i>	Steel Structures	<i>Operator ID</i>	CP3
<i>Model</i>		<i>Serial Number</i>	
<i>Location Note</i>			
<i>Device Description</i>			

### 9.3.4 Crude Belt Conveyor

<b>Device ID #</b>	<b>106229</b>	<b>Device Name</b>	<b>Crude Belt Conveyor</b>
<i>Rated Heat Input</i>		<i>Physical Size</i>	
<i>Manufacturer</i>	Bulk Material Handling	<i>Operator ID</i>	CP5
<i>Model</i>		<i>Serial Number</i>	
<i>Location Note</i>			
<i>Device Description</i>	14' x 26"		

### 9.3.5 Crude Bin Ventilation Baghouse

<b>Device ID #</b>	<b>008073</b>	<b>Device Name</b>	<b>Crude Bin Ventilation Baghouse</b>
<i>Rated Heat Input</i>		<i>Physical Size</i>	1620.00 scf/Minute
<i>Manufacturer</i>	DCE Sintamatic	<i>Operator ID</i>	DC1
<i>Model</i>	CS 138FP	<i>Serial Number</i>	
<i>Location Note</i>			
<i>Device Description</i>	1620 cfm, 0.00044 gr/acf		

### 9.3.6 Detritor

<b>Device ID #</b>	<b>108260</b>	<b>Device Name</b>	<b>Detritor</b>
<i>Rated Heat Input</i>		<i>Physical Size</i>	25.00 Horsepower (Electric Motor)
<i>Manufacturer</i>	Metso Minerals	<i>Operator ID</i>	
<i>Model</i>		<i>Serial Number</i>	62597
<i>Location Note</i>	Added in May 2005 after the removal of the pug mill and attrition scrubber		
<i>Device Description</i>	Operates with one 25 hp electric motor		

### 9.3.7 Upper Crude Belt Conveyor

<i>Device ID #</i>	<b>106228</b>	<i>Device Name</i>	<b>Upper Crude Belt Conveyor</b>
<i>Rated Heat Input</i>		<i>Physical Size</i>	
<i>Manufacturer</i>	Power Industries	<i>Operator ID</i>	CP4
<i>Model</i>		<i>Serial Number</i>	
<i>Location Note</i>			
<i>Device Description</i>	300' x 36 "		

## 9.4 Celpure Process 2

### 9.4.1 Wet Screen

<i>Device ID #</i>	<b>106232</b>	<i>Device Name</i>	<b>Wet Screen</b>
<i>Rated Heat Input</i>		<i>Physical Size</i>	170.00 gal/Minute
<i>Manufacturer</i>	Derrick Corp	<i>Operator ID</i>	CP9
<i>Model</i>	2124-60W-2M	<i>Serial Number</i>	
<i>Location Note</i>			
<i>Device Description</i>			

### 9.4.2 Hydroclone Feed Tank

<i>Device ID #</i>	<b>106259</b>	<i>Device Name</i>	<b>Hydroclone Feed Tank</b>
<i>Rated Heat Input</i>		<i>Physical Size</i>	
<i>Manufacturer</i>		<i>Operator ID</i>	
<i>Model</i>		<i>Serial Number</i>	
<i>Location Note</i>			
<i>Device Description</i>			

### 9.4.3 Waste (Crude Tailings) Tank

<i>Device ID #</i>	<b>106260</b>	<i>Device Name</i>	<b>Waste (Crude Tailings) Tank</b>
<i>Rated Heat Input</i>		<i>Physical Size</i>	
<i>Manufacturer</i>		<i>Operator ID</i>	
<i>Model</i>		<i>Serial Number</i>	
<i>Location Note</i>			
<i>Device Description</i>	Receives material from hydroclone slurry tank		

### 9.4.4 Hydroclones

<b>Device ID #</b>	<b>106233</b>	<b>Device Name</b>	<b>Hydroclones</b>
<i>Rated Heat Input</i>		<i>Physical Size</i>	lb/gal
<i>Manufacturer</i>	Krebs Engineers	<i>Operator ID</i>	CP10
<i>Model</i>	Model PCI-1421	<i>Serial Number</i>	
<i>Location Note</i>			
<i>Device Description</i>	5 lb DE/min/hydroclone		

#### 9.4.5 Hydroclone Slurry Tank

<b>Device ID #</b>	<b>106261</b>	<b>Device Name</b>	<b>Hydroclone Slurry Tank</b>
<i>Rated Heat Input</i>		<i>Physical Size</i>	
<i>Manufacturer</i>		<i>Operator ID</i>	
<i>Model</i>		<i>Serial Number</i>	
<i>Location Note</i>			
<i>Device Description</i>			

#### 9.4.6 Flotation Conditioning Tanks

<b>Device ID #</b>	<b>106234</b>	<b>Device Name</b>	<b>Flotation Conditioning Tanks</b>
<i>Rated Heat Input</i>		<i>Physical Size</i>	850.00 Gallons
<i>Manufacturer</i>	Paramount Fabricators	<i>Operator ID</i>	CP11
<i>Model</i>		<i>Serial Number</i>	
<i>Location Note</i>			
<i>Device Description</i>	two tanks?		

#### 9.4.7 Flotation Cells

<b>Device ID #</b>	<b>106235</b>	<b>Device Name</b>	<b>Flotation Cells</b>
<i>Rated Heat Input</i>		<i>Physical Size</i>	288.00 Cubic Feet
<i>Manufacturer</i>	Quinn Process Equipment Co.	<i>Operator ID</i>	CP12
<i>Model</i>	18SPL 6 Cell	<i>Serial Number</i>	
<i>Location Note</i>			
<i>Device Description</i>			

### 9.5 Celpure Process 3

#### 9.5.1 Dewatering Filter Feed Tank

<b>Device ID #</b>	<b>106263</b>	<b>Device Name</b>	<b>Dewatering Filter Feed Tank</b>
<i>Rated Heat Input</i>		<i>Physical Size</i>	

Manufacturer  
Model  
Location Note  
Device Description

Operator ID  
Serial Number

### 9.5.2 Dewatering Filter

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<b>Device ID #</b>	<b>106262</b>	<b>Device Name</b>	<b>Dewatering Filter</b>
Rated Heat Input		Physical Size	50.00 Square Feet
Manufacturer	Filtration Systems Tech	Operator ID	CP13
Model	VP-50-1	Serial Number	
Location Note			
Device Description	Receives hydroclone slurry from floatation cells		

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### 9.5.3 Soda Ash Mix Tank

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<b>Device ID #</b>	<b>106238</b>	<b>Device Name</b>	<b>Soda Ash Mix Tank</b>
Rated Heat Input		Physical Size	250.00 Gallons
Manufacturer	LW LeFort	Operator ID	CP40
Model	Custom	Serial Number	
Location Note			
Device Description			

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### 9.5.4 Soda Ash Bin

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<b>Device ID #</b>	<b>106237</b>	<b>Device Name</b>	<b>Soda Ash Bin</b>
Rated Heat Input		Physical Size	110.00 Cubic Feet
Manufacturer	Steel Structures Inc.	Operator ID	CP39
Model	Custom	Serial Number	
Location Note			
Device Description			

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### 9.5.5 Soda Ash Mill

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<b>Device ID #</b>	<b>106239</b>	<b>Device Name</b>	<b>Soda Ash Mill</b>
Rated Heat Input		Physical Size	100.00 lb/Hour
Manufacturer	Micron Powder Systems	Operator ID	CP41
Model	10	Serial Number	
Location Note			
Device Description	with gravity feed		

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### 9.5.6 Soda Ash Bin Baghouse

<b>Device ID #</b>	<b>008074</b>	<b>Device Name</b>	<b>Soda Ash Bin Baghouse</b>
<i>Rated Heat Input</i>		<i>Physical Size</i>	600.00 Cubic Feet/Minute
<i>Manufacturer</i>	Sintamatic	<i>Operator ID</i>	DC2
<i>Model</i>	CSI 12 K5	<i>Serial Number</i>	
<i>Location Note</i>			
<i>Device Description</i>	Associated with Soda Ash Bin Dust Collector (CP42)		

### 9.5.7 1st Stage Dryer

<b>Device ID #</b>	<b>008920</b>	<b>Device Name</b>	<b>1st Stage Dryer</b>
<i>Rated Heat Input</i>	3.200 MMBtu/Hour	<i>Physical Size</i>	
<i>Manufacturer</i>	The National Drying Machinery Co.	<i>Operator ID</i>	CP14
<i>Model</i>	Apron Dryer	<i>Serial Number</i>	
<i>Location Note</i>			
<i>Device Description</i>	(CS1) 6 ft x 30 ft. Receives cake from dewatering filter		

### 9.5.8 1st Stage Dryer Baghouse

<b>Device ID #</b>	<b>008082</b>	<b>Device Name</b>	<b>1st Stage Dryer Baghouse</b>
<i>Rated Heat Input</i>		<i>Physical Size</i>	6143.00 Cubic Feet/Minute
<i>Manufacturer</i>	Mikropul	<i>Operator ID</i>	CP15/ DC4
<i>Model</i>	133-8-100 "C"	<i>Serial Number</i>	
<i>Location Note</i>			
<i>Device Description</i>	(DC4), 6413 acfm, 0.002 gr/dscf, 90 psig header		

### 9.5.9 Dispersing Screen

<b>Device ID #</b>	<b>106236</b>	<b>Device Name</b>	<b>Dispersing Screen</b>
<i>Rated Heat Input</i>		<i>Physical Size</i>	1000.00 lb/Hour
<i>Manufacturer</i>	Kemutec Group	<i>Operator ID</i>	CP16
<i>Model</i>	K650	<i>Serial Number</i>	
<i>Location Note</i>			
<i>Device Description</i>			

## 9.6 Celpure Process 4

### 9.6.1 Cyclone

<b>Device ID #</b>	<b>106240</b>	<b>Device Name</b>	<b>Cyclone</b>
<i>Rated Heat Input</i>		<i>Physical Size</i>	4.00 Diameter (ft)
<i>Manufacturer</i>	Peterson	<i>Operator ID</i>	CP17

<i>Model</i>	Custom	<i>Serial Number</i>
<i>Location Note</i>		
<i>Device Description</i>	Ventilated to surge bin baghouse	

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### 9.6.2 Kiln Feed (Calciner Surge) Bin

<b><i>Device ID #</i></b>	<b>106241</b>	<b><i>Device Name</i></b>	<b>Kiln Feed (Calciner Surge) Bin</b>
<i>Rated Heat Input</i>		<i>Physical Size</i>	200.00 Cubic Feet
<i>Manufacturer</i>	Steel Structures	<i>Operator ID</i>	CP19
<i>Model</i>		<i>Serial Number</i>	
<i>Location Note</i>			
<i>Device Description</i>	Receives material from cyclone with Soda Ash added. Ventilated by surge bin baghouse.		

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### 9.6.3 Calciner Exhaust Baghouse

<b><i>Device ID #</i></b>	<b>008083</b>	<b><i>Device Name</i></b>	<b>Calciner Exhaust Baghouse</b>
<i>Rated Heat Input</i>		<i>Physical Size</i>	
<i>Manufacturer</i>	Mikropul	<i>Operator ID</i>	CP21
<i>Model</i>	85-8-35 "C"	<i>Serial Number</i>	
<i>Location Note</i>			
<i>Device Description</i>	3600 acfm, 0.002 gr/dscf, 90 psig header		

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### 9.6.4 Kiln (Calciner)

<b><i>Device ID #</i></b>	<b>008921</b>	<b><i>Device Name</i></b>	<b>Kiln (Calciner)</b>
<i>Rated Heat Input</i>	2.640 MMBtu/Hour	<i>Physical Size</i>	
<i>Manufacturer</i>	Vulcan	<i>Operator ID</i>	CP20
<i>Model</i>		<i>Serial Number</i>	97-14322
<i>Location Note</i>			
<i>Device Description</i>	(CS2) Receives material sent from the kiln rotary feed screw. Exhaust is ventilated to the calciner baghouse for PM and to the packed tower scrubber for SOx removal. 6 ft ID x 40 ft		

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### 9.6.5 Kiln Feed Bin Metering Screw

<b><i>Device ID #</i></b>	<b>106264</b>	<b><i>Device Name</i></b>	<b>Kiln Feed Bin Metering Screw</b>
<i>Rated Heat Input</i>		<i>Physical Size</i>	
<i>Manufacturer</i>		<i>Operator ID</i>	
<i>Model</i>		<i>Serial Number</i>	
<i>Location Note</i>			

*Device Description* Receives material from calciner surge bin, and sends it to the kiln rotary feed screw.

### 9.6.6 Kiln Feed Baghouse

<b>Device ID #</b>	<b>008075</b>	<b>Device Name</b>	<b>Kiln Feed Baghouse</b>
<i>Rated Heat Input</i>		<i>Physical Size</i>	1995.00 scf/Minute
<i>Manufacturer</i>	Mikropul	<i>Operator ID</i>	CP18/ DC5
<i>Model</i>	55-8-55 "C"	<i>Serial Number</i>	
<i>Location Note</i>			
<i>Device Description</i>	(DC5) 1995 acfm, 0.002 gr/dscf		

### 9.6.7 Kiln Rotary Feed Screw

<b>Device ID #</b>	<b>106265</b>	<b>Device Name</b>	<b>Kiln Rotary Feed Screw</b>
<i>Rated Heat Input</i>		<i>Physical Size</i>	
<i>Manufacturer</i>		<i>Operator ID</i>	
<i>Model</i>		<i>Serial Number</i>	
<i>Location Note</i>			
<i>Device Description</i>	Receives material from the metering bin screw and sends it to the calciner.		

### 9.6.8 350 Scrubber

<b>Device ID #</b>	<b>106243</b>	<b>Device Name</b>	<b>350 Scrubber</b>
<i>Rated Heat Input</i>		<i>Physical Size</i>	
<i>Manufacturer</i>	Met Pro Corporation	<i>Operator ID</i>	CP56/ SR2
<i>Model</i>		<i>Serial Number</i>	
<i>Location Note</i>			
<i>Device Description</i>	(SR2), 6150 acfm, 98% efficiency		

### 9.6.9 370 Scrubber

<b>Device ID #</b>	<b>106242</b>	<b>Device Name</b>	<b>370 Scrubber</b>
<i>Rated Heat Input</i>		<i>Physical Size</i>	
<i>Manufacturer</i>	Met Pro Corporation	<i>Operator ID</i>	CP22/ SR1
<i>Model</i>		<i>Serial Number</i>	
<i>Location Note</i>			
<i>Device Description</i>	(SR1)		

## 9.7 Celpure Process 5

### 9.7.1 Flash Cooling Cyclone

<b>Device ID #</b>	<b>106245</b>	<b>Device Name</b>	<b>Flash Cooling Cyclone</b>
<i>Rated Heat Input</i>		<i>Physical Size</i>	5.00 Diameter (ft)
<i>Manufacturer</i>	Peterson	<i>Operator ID</i>	CP24
<i>Model</i>	Custom	<i>Serial Number</i>	
<i>Location Note</i>			
<i>Device Description</i>	Flash cools dried DE. Calcined material is sent to the product mix tank.		

### 9.7.2 Flash Cooler Baghouse

<b>Device ID #</b>	<b>008076</b>	<b>Device Name</b>	<b>Flash Cooler Baghouse</b>
<i>Rated Heat Input</i>		<i>Physical Size</i>	2678.00 Cubic Feet/Minute
<i>Manufacturer</i>	Mikropul	<i>Operator ID</i>	DC7
<i>Model</i>	69-8-35 "C"	<i>Serial Number</i>	
<i>Location Note</i>			
<i>Device Description</i>	90 psig header, 2678 acfm, 0.002 gr/dscf. Serves the product mix tank and packing area.		

### 9.7.3 Mix Tank

<b>Device ID #</b>	<b>106246</b>	<b>Device Name</b>	<b>Mix Tank</b>
<i>Rated Heat Input</i>		<i>Physical Size</i>	2300.00 Gallons
<i>Manufacturer</i>	Paramount Fabricators	<i>Operator ID</i>	CP26
<i>Model</i>		<i>Serial Number</i>	
<i>Location Note</i>			
<i>Device Description</i>	Receives cooled material from cyclone. Material is slurried with water.		

### 9.7.4 Leach Tank

<b>Device ID #</b>	<b>106247</b>	<b>Device Name</b>	<b>Leach Tank</b>
<i>Rated Heat Input</i>		<i>Physical Size</i>	1500.00 Gallons
<i>Manufacturer</i>	Ametek	<i>Operator ID</i>	CP27
<i>Model</i>		<i>Serial Number</i>	
<i>Location Note</i>			
<i>Device Description</i>	Receives slurried calcined material from the product mix tank. Adds sulfuric acid and heated with steam from boiler.		

### 9.7.5 Leach Slurry Storage Tank

<b>Device ID #</b>	<b>106248</b>	<b>Device Name</b>	<b>Leach Slurry Storage Tank</b>
<i>Rated Heat Input</i>		<i>Physical Size</i>	2300.00 Gallons
<i>Manufacturer</i>	Paramount Fabricators	<i>Operator ID</i>	CP28
<i>Model</i>		<i>Serial Number</i>	

*Location Note*

*Device Description* Ventilated to the packed bed scrubber (SR1)

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### 9.7.6 Refeed Station Baghouse

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<b>Device ID #</b>	<b>008079</b>	<b>Device Name</b>	<b>Refeed Station Baghouse</b>
<i>Rated Heat Input</i>		<i>Physical Size</i>	
<i>Manufacturer</i>	DCE Sintamatic	<i>Operator ID</i>	CP38/ DC11
<i>Model</i>	CSI 32F10	<i>Serial Number</i>	
<i>Location Note</i>			
<i>Device Description</i>	2000 acfm, 0.00044 gr/acf		

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### 9.7.7 Refeed (Bag Breaking) Station

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<b>Device ID #</b>	<b>106244</b>	<b>Device Name</b>	<b>Refeed (Bag Breaking) Station</b>
<i>Rated Heat Input</i>		<i>Physical Size</i>	
<i>Manufacturer</i>	Celite	<i>Operator ID</i>	CP23
<i>Model</i>	Custom	<i>Serial Number</i>	
<i>Location Note</i>			
<i>Device Description</i>	4 bags/minute. Allows the addition of bagged material at three locations. Consists of a feed hopper, and an empty bag compactor. Ventilated to the dedicated refeed baghouse.		

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### 9.7.8 Refeed Station Powder Pump Packer

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<b>Device ID #</b>	<b>106249</b>	<b>Device Name</b>	<b>Refeed Station Powder Pump Packer</b>
<i>Rated Heat Input</i>		<i>Physical Size</i>	400.00 lb/Hour
<i>Manufacturer</i>	Bulk Materials Handling	<i>Operator ID</i>	CP55
<i>Model</i>	Custom	<i>Serial Number</i>	
<i>Location Note</i>			
<i>Device Description</i>	Pump used for the Refeed Station Powder Packer		

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## 9.8 Celpure Process 6

### 9.8.1 Rinsing Filter

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<b>Device ID #</b>	<b>106251</b>	<b>Device Name</b>	<b>Rinsing Filter</b>
<i>Rated Heat Input</i>		<i>Physical Size</i>	200.00 Square Feet
<i>Manufacturer</i>	Filtration Systems Tech	<i>Operator ID</i>	CP30
<i>Model</i>	VP-50-4	<i>Serial Number</i>	
<i>Location Note</i>			
<i>Device Description</i>	Rinses and filters the reacted slurry		

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### 9.8.2 2nd Stage Dryer

<b>Device ID #</b>	<b>008922</b>	<b>Device Name</b>	<b>2nd Stage Dryer</b>
<i>Rated Heat Input</i>	3.200 MMBtu/Hour	<i>Physical Size</i>	
<i>Manufacturer</i>	The National Drying Machine Company	<i>Operator ID</i>	CP31
<i>Model</i>		<i>Serial Number</i>	
<i>Location Note</i>			
<i>Device Description</i>	(CS3) direct fired process heater: 6' x 30 '. Dries slurry from the rinsing and deacidifying filters. PM is controlled by the dryer exhaust baghouse		

### 9.8.3 Second Stage Dryer Baghouse

<b>Device ID #</b>	<b>008077</b>	<b>Device Name</b>	<b>Second Stage Dryer Baghouse</b>
<i>Rated Heat Input</i>		<i>Physical Size</i>	
<i>Manufacturer</i>	Mikropul	<i>Operator ID</i>	CP32
<i>Model</i>	133-8-100 C	<i>Serial Number</i>	
<i>Location Note</i>			
<i>Device Description</i>	(DC8) 8134 scfm, 0.002 gr/dscf, 90 psig header		

### 9.8.4 Packaging Station Cyclone

<b>Device ID #</b>	<b>106252</b>	<b>Device Name</b>	<b>Packaging Station Cyclone</b>
<i>Rated Heat Input</i>		<i>Physical Size</i>	3.00 Diameter (ft)
<i>Manufacturer</i>	Peterson	<i>Operator ID</i>	CP33
<i>Model</i>	Custom	<i>Serial Number</i>	
<i>Location Note</i>			
<i>Device Description</i>	Receives material from the dryer, which is sent to the rotary screen.		

### 9.8.5 Product Dispersing Screen

<b>Device ID #</b>	<b>106253</b>	<b>Device Name</b>	<b>Product Dispersing Screen</b>
<i>Rated Heat Input</i>		<i>Physical Size</i>	1000.00 lb/Hour
<i>Manufacturer</i>	Kemutec Group	<i>Operator ID</i>	CP34
<i>Model</i>	K650	<i>Serial Number</i>	
<i>Location Note</i>			
<i>Device Description</i>	Material is discharged into a packer bin.		

### 9.8.6 Packer Bin

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<b>Device ID #</b>	<b>106254</b>	<b>Device Name</b>	<b>Packer Bin</b>
<i>Rated Heat Input</i>		<i>Physical Size</i>	500.00 Cubic Feet
<i>Manufacturer</i>	Steel Structures	<i>Operator ID</i>	CP35
<i>Model</i>	Custom	<i>Serial Number</i>	
<i>Location Note</i>			
<i>Device Description</i>			

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### 9.8.7 Bag Packing Station

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<b>Device ID #</b>	<b>106255</b>	<b>Device Name</b>	<b>Bag Packing Station</b>
<i>Rated Heat Input</i>		<i>Physical Size</i>	
<i>Manufacturer</i>	PAC 21	<i>Operator ID</i>	CP36
<i>Model</i>		<i>Serial Number</i>	
<i>Location Note</i>			
<i>Device Description</i>	Bag filler is ventilated to the Packing Station Baghouse. 150 lb/min		

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### 9.8.8 Semi-Bulk Packing Station

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<b>Device ID #</b>	<b>108405</b>	<b>Device Name</b>	<b>Semi-Bulk Packing Station</b>
<i>Rated Heat Input</i>		<i>Physical Size</i>	
<i>Manufacturer</i>	Sota	<i>Operator ID</i>	
<i>Model</i>	BB4P3	<i>Serial Number</i>	99 403
<i>Location Note</i>			
<i>Device Description</i>	Added per ATC 11007. Served by the Packing Station Baghouse		

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### 9.8.9 Packing Station Baghouse

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<b>Device ID #</b>	<b>008078</b>	<b>Device Name</b>	<b>Packing Station Baghouse</b>
<i>Rated Heat Input</i>		<i>Physical Size</i>	
<i>Manufacturer</i>	Mikropul	<i>Operator ID</i>	CP37
<i>Model</i>	31-8-85 C	<i>Serial Number</i>	
<i>Location Note</i>			
<i>Device Description</i>	(DC9) 1260 acfm, 0.002 gr/dscf, 90 psig header		

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## 9.9 Celpure Process 7

### 9.9.1 Package Boiler

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<b>Device ID #</b>	<b>008923</b>	<b>Device Name</b>	<b>Package Boiler</b>
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<i>Rated Heat Input</i>	3.780 MMBtu/Hour	<i>Physical Size</i>	
<i>Manufacturer</i>	Parker Industries	<i>Operator ID</i>	CP44
<i>Model</i>	105-90	<i>Serial Number</i>	49330
<i>Location Note</i>			
<i>Device Description</i>	direct fired process heater; Steam is used to heat slurry mixed with sulfuric acid in leach tank CP27. Horizontal drum steam boiler.		

### 9.9.2 DE Bin Baghouse

<b>Device ID #</b>	<b>008080</b>	<b>Device Name</b>	<b>DE Bin Baghouse</b>
<i>Rated Heat Input</i>		<i>Physical Size</i>	
<i>Manufacturer</i>	DCE Sintamatic	<i>Operator ID</i>	DC13
<i>Model</i>	CSI 12 K5	<i>Serial Number</i>	
<i>Location Note</i>			
<i>Device Description</i>	600cfm, 0.00044 gf/acf		

### 9.9.3 Alternate Materials Baghouse

<b>Device ID #</b>	<b>008081</b>	<b>Device Name</b>	<b>Alternate Materials Baghouse</b>
<i>Rated Heat Input</i>		<i>Physical Size</i>	
<i>Manufacturer</i>	DCE Sintamatic	<i>Operator ID</i>	DC14
<i>Model</i>	CSI 12K5	<i>Serial Number</i>	
<i>Location Note</i>			
<i>Device Description</i>	600 cfm, 0.00044 gr/acf		

### 9.9.4 DE Bin

<b>Device ID #</b>	<b>106256</b>	<b>Device Name</b>	<b>DE Bin</b>
<i>Rated Heat Input</i>		<i>Physical Size</i>	690.00 Cubic Feet
<i>Manufacturer</i>	Steel Structures Inc	<i>Operator ID</i>	CP50
<i>Model</i>	Custom	<i>Serial Number</i>	
<i>Location Note</i>			
<i>Device Description</i>			

### 9.9.5 Alternate Material Bin

<b>Device ID #</b>	<b>106257</b>	<b>Device Name</b>	<b>Alternate Material Bin</b>
<i>Rated Heat Input</i>		<i>Physical Size</i>	690.00 Cubic Feet
<i>Manufacturer</i>	Steel Structures, Inc.	<i>Operator ID</i>	CP52
<i>Model</i>	Custom	<i>Serial Number</i>	
<i>Location Note</i>			
<i>Device Description</i>			

**9.10 Emergency Power Generator**

<i>Device ID #</i>	103521	<i>Maximum Rated BHP</i>	50.00
<i>Device Name</i>	Emergency Power Generator	<i>Serial Number</i>	CD050/3777E068
<i>Engine Use</i>	Electrical Power	<i>EPA Engine Family Name</i>	
<i>Manufacturer</i>	Caterpillar	<i>Operator ID</i>	CP46
<i>Model Year</i>	1998	<i>Fuel Type</i>	CARB Diesel - ULSD
<i>Model</i>	CD50		
<i>DRP/ISC?</i>	No	<i>Healthcare Facility?</i>	No
<i>Daily Hours</i>		<i>Annual Hours</i>	
<i>Location Note</i>			
<i>Device Description</i>	Celpure Plant: diesel-fired,		

**10 Solvent Usage: Cleaning & Degreasing**

<i>Device ID #</i>	008043	<i>Device Name</i>	<b>Solvent Usage: Cleaning &amp; Degreasing</b>
<i>Rated Heat Input</i>		<i>Physical Size</i>	
<i>Manufacturer</i>		<i>Operator ID</i>	
<i>Model</i>		<i>Serial Number</i>	
<i>Location Note</i>			
<i>Device Description</i>			

**11 Storage Silos**

**11.1 Product Storage Silo 101**

<i>Device ID #</i>	109214	<i>Device Name</i>	<b>Product Storage Silo 101</b>
<i>Rated Heat Input</i>		<i>Physical Size</i>	181.40 Tons Produced
<i>Manufacturer</i>	Tank Connection Co	<i>Operator ID</i>	BN101
<i>Model</i>	Custom	<i>Serial Number</i>	
<i>Location Note</i>			
<i>Device Description</i>	Dimensions: 25ft dia x 100 ft high (with footings); storage capacity 200 metric tons		

**11.2 Product Storage Silo 102**

<i>Device ID #</i>	109216	<i>Device Name</i>	<b>Product Storage Silo 102</b>
<i>Rated Heat Input</i>		<i>Physical Size</i>	181.40 Tons Produced
<i>Manufacturer</i>	Tank Connection Co	<i>Operator ID</i>	BN102
<i>Model</i>	Custom	<i>Serial Number</i>	
<i>Location Note</i>			

*Device Description* Dimensions: 25ft dia x 100 ft high (with footings); storage capacity 200 metric tons

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### 11.3 Product Storage Silo 103

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<b>Device ID #</b>	<b>109217</b>	<b>Device Name</b>	<b>Product Storage Silo 103</b>
<i>Rated Heat Input</i>		<i>Physical Size</i>	181.40 Tons Produced
<i>Manufacturer</i>	Tank Connection Co	<i>Operator ID</i>	BN103
<i>Model</i>	Custom	<i>Serial Number</i>	
<i>Location Note</i>			
<i>Device Description</i>	Dimensions: 25ft dia x 100 ft high (with footings); storage capacity 200 metric tons		

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### 11.4 Product Storage Silo 104

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<b>Device ID #</b>	<b>109218</b>	<b>Device Name</b>	<b>Product Storage Silo 104</b>
<i>Rated Heat Input</i>		<i>Physical Size</i>	181.40 Tons Produced
<i>Manufacturer</i>	Tank Connection Co	<i>Operator ID</i>	BN104
<i>Model</i>	Custom	<i>Serial Number</i>	
<i>Location Note</i>			
<i>Device Description</i>	Dimensions: 25ft dia x 100 ft high (with footings); storage capacity 200 metric tons		

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### 11.5 Product Storage Silo 105

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<b>Device ID #</b>	<b>109219</b>	<b>Device Name</b>	<b>Product Storage Silo 105</b>
<i>Rated Heat Input</i>		<i>Physical Size</i>	181.40 Tons Produced
<i>Manufacturer</i>	Tank Connection Co	<i>Operator ID</i>	BN105
<i>Model</i>	Custom	<i>Serial Number</i>	
<i>Location Note</i>			
<i>Device Description</i>	Dimensions: 25ft dia x 100 ft high (with footings); storage capacity 200 metric tons		

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### 11.6 Product Storage Silo 106

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<b>Device ID #</b>	<b>109220</b>	<b>Device Name</b>	<b>Product Storage Silo 106</b>
<i>Rated Heat Input</i>		<i>Physical Size</i>	181.40 Tons Produced
<i>Manufacturer</i>	Tank Connection Co	<i>Operator ID</i>	BN106
<i>Model</i>	Custom	<i>Serial Number</i>	
<i>Location Note</i>			
<i>Device Description</i>	Dimensions: 25ft dia x 100 ft high (with footings); storage capacity 200 metric tons		

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### 11.7 Product Storage Silo 107

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<b>Device ID #</b>	<b>109221</b>	<b>Device Name</b>	<b>Product Storage Silo 107</b>
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<i>Rated Heat Input</i>		<i>Physical Size</i>	181.40 Tons Produced
<i>Manufacturer</i>	Tank Connection Co	<i>Operator ID</i>	BN107
<i>Model</i>	Custom	<i>Serial Number</i>	
<i>Location Note</i>			
<i>Device Description</i>	Dimensions: 25ft dia x 100 ft high (with footings); storage capacity 200 metric tons		

### 11.8 Product Storage Silo 108

<b>Device ID #</b>	<b>109222</b>	<b>Device Name</b>	<b>Product Storage Silo 108</b>
<i>Rated Heat Input</i>		<i>Physical Size</i>	181.40 Tons Produced
<i>Manufacturer</i>	Tank Connection Co	<i>Operator ID</i>	BN108
<i>Model</i>	Custom	<i>Serial Number</i>	
<i>Location Note</i>			
<i>Device Description</i>	Dimensions: 25ft dia x 100 ft high (with footings); storage capacity 200 metric tons		

### 11.9 Inlet Hose Station Product Storage Silos

<b>Device ID #</b>	<b>109231</b>	<b>Device Name</b>	<b>Inlet Hose Station Product Storage Silos</b>
<i>Rated Heat Input</i>		<i>Physical Size</i>	
<i>Manufacturer</i>	Cyclonaire	<i>Operator ID</i>	HS118
<i>Model</i>	Custom	<i>Serial Number</i>	
<i>Location Note</i>			
<i>Device Description</i>	Product pneumatically transferred from system line bulk bin to storage silo by existing 600 cfm Sutorbilt product blower.		

### 11.10 Outlet Hose Station Product Storage Silos

<b>Device ID #</b>	<b>109232</b>	<b>Device Name</b>	<b>Outlet Hose Station Product Storage Silos</b>
<i>Rated Heat Input</i>		<i>Physical Size</i>	
<i>Manufacturer</i>	Cyclonaire	<i>Operator ID</i>	HS119
<i>Model</i>	Custom	<i>Serial Number</i>	
<i>Location Note</i>			
<i>Device Description</i>	Product pneumatically transferred from storage silo to existing packer bin, bulk bin or railcar by powder pumps PP111-PP115.		

### 11.11 Baghouse 101

<b>Device ID #</b>	<b>110191</b>	<b>Device Name</b>	<b>Baghouse 101</b>
<i>Rated Heat Input</i>		<i>Physical Size</i>	2411.00 scf/Minute
<i>Manufacturer</i>	Donaldson	<i>Operator ID</i>	BH101
<i>Model</i>	81MBT8	<i>Serial Number</i>	
<i>Location Note</i>			

*Device Description* Controls particulate emissions from product storage silo BN101; positive pressure baghouse ; contains 81Tetratex polyester felt-type bags; each bag 6 in D x 8 ft L; total fabric area 1039 sq ft; pulse jet cleaning

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### 11.12 Baghouse 102

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<b>Device ID #</b>	<b>110192</b>	<b>Device Name</b>	<b>Baghouse 102</b>
<i>Rated Heat Input</i>		<i>Physical Size</i>	2411.00 scf/Minute
<i>Manufacturer</i>	Donaldson	<i>Operator ID</i>	
<i>Model</i>	81MBT8	<i>Serial Number</i>	
<i>Location Note</i>			
<i>Device Description</i>	Controls particulate emissions from product storage silo BN102; positive pressure baghouse ; contains 81Tetratex polyester felt-type bags; each bag 6 in D x 8 ft L; total fabric area 1039 sq ft; pulse jet cleaning		

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### 11.13 Baghouse 103

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<b>Device ID #</b>	<b>110193</b>	<b>Device Name</b>	<b>Baghouse 103</b>
<i>Rated Heat Input</i>		<i>Physical Size</i>	2411.00 scf/Minute
<i>Manufacturer</i>	Donaldson	<i>Operator ID</i>	
<i>Model</i>	81MBT8	<i>Serial Number</i>	
<i>Location Note</i>			
<i>Device Description</i>	Controls particulate emissions from product storage silo BN103; positive pressure baghouse ; contains 81Tetratex polyester felt-type bags; each bag 6 in D x 8 ft L; total fabric area 1039 sq ft; pulse jet cleaning		

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### 11.14 Baghouse 104

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<b>Device ID #</b>	<b>110194</b>	<b>Device Name</b>	<b>Baghouse 104</b>
<i>Rated Heat Input</i>		<i>Physical Size</i>	2411.00 scf/Minute
<i>Manufacturer</i>	Donaldson	<i>Operator ID</i>	
<i>Model</i>	81MBT8	<i>Serial Number</i>	
<i>Location Note</i>			
<i>Device Description</i>	Controls particulate emissions from product storage silo BN104; positive pressure baghouse ; contains 81Tetratex polyester felt-type bags; each bag 6 in D x 8 ft L; total fabric area 1039 sq ft; pulse jet cleaning		

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### 11.15 Baghouse 105

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<b>Device ID #</b>	<b>110195</b>	<b>Device Name</b>	<b>Baghouse 105</b>
<i>Rated Heat Input</i>		<i>Physical Size</i>	2411.00 scf/Minute
<i>Manufacturer</i>	Donaldson	<i>Operator ID</i>	
<i>Model</i>	81MBT8	<i>Serial Number</i>	
<i>Location Note</i>			

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*Device Description* Controls particulate emissions from product storage silo BN105; positive pressure baghouse ; contains 81Tetratex polyester felt-type bags; each bag 6 in D x 8 ft L; total fabric area 1039 sq ft; pulse jet cleaning

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### 11.16 Baghouse 106

<i>Device ID #</i>	<b>110196</b>	<i>Device Name</i>	<b>Baghouse 106</b>
<i>Rated Heat Input</i>		<i>Physical Size</i>	2411.00 scf/Minute
<i>Manufacturer</i>	Donaldson	<i>Operator ID</i>	
<i>Model</i>	81MBT8	<i>Serial Number</i>	
<i>Location Note</i>			
<i>Device Description</i>	Controls particulate emissions from product storage silo BN106; positive pressure baghouse ; contains 81Tetratex polyester felt-type bags; each bag 6 in D x 8 ft L; total fabric area 1039 sq ft; pulse jet cleaning		

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### 11.17 Baghouse 107

<i>Device ID #</i>	<b>110197</b>	<i>Device Name</i>	<b>Baghouse 107</b>
<i>Rated Heat Input</i>		<i>Physical Size</i>	2411.00 scf/Minute
<i>Manufacturer</i>	Donaldson	<i>Operator ID</i>	
<i>Model</i>	81MBT8	<i>Serial Number</i>	
<i>Location Note</i>			
<i>Device Description</i>	Controls particulate emissions from product storage silo BN107; positive pressure baghouse ; contains 81Tetratex polyester felt-type bags; each bag 6 in D x 8 ft L; total fabric area 1039 sq ft; pulse jet cleaning		

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### 11.18 Baghouse 108

<i>Device ID #</i>	<b>110198</b>	<i>Device Name</i>	<b>Baghouse 108</b>
<i>Rated Heat Input</i>		<i>Physical Size</i>	2411.00 scf/Minute
<i>Manufacturer</i>	Donaldson	<i>Operator ID</i>	
<i>Model</i>	81MBT8	<i>Serial Number</i>	
<i>Location Note</i>			
<i>Device Description</i>	Controls particulate emissions from product storage silo BN108; positive pressure baghouse ; contains 81Tetratex polyester felt-type bags; each bag 6 in D x 8 ft L; total fabric area 1039 sq ft; pulse jet cleaning		

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### 11.19 Powder Pumps - PP111 - PP115

<i>Device ID #</i>	<b>110640</b>	<i>Device Name</i>	<b>Powder Pumps - PP111 - PP115</b>
<i>Rated Heat Input</i>		<i>Physical Size</i>	200.00 Cubic Feet
<i>Manufacturer</i>	Cyclonaire	<i>Operator ID</i>	PP111 - PP115
<i>Model</i>	DPV-200B	<i>Serial Number</i>	

*Location Note*

*Device Description* Alr pressure driven; 200 cu ft capacity

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**11.20 Baghouse - BH925A**

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<b>Device ID #</b>	<b>110641</b>	<b>Device Name</b>	<b>Baghouse - BH925A</b>
<i>Rated Heat Input</i>		<i>Physical Size</i>	720.00 scf/Minute
<i>Manufacturer</i>	Donaldson	<i>Operator ID</i>	BH925A
<i>Model</i>	36MBT6	<i>Serial Number</i>	
<i>Location Note</i>			
<i>Device Description</i>	Particulate emission control on Holding Bin (BN925A); positive pressure baghouse; contains 36 Tetratex polyester bags; each bag 6 in D x 6 ft L; total fabric area 345 sq ft; pulse jet cleaning; operating temperature 60F		

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**11.21 Baghouse - BH925B**

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<b>Device ID #</b>	<b>110642</b>	<b>Device Name</b>	<b>Baghouse - BH925B</b>
<i>Rated Heat Input</i>		<i>Physical Size</i>	720.00 scf/Minute
<i>Manufacturer</i>	Donaldson	<i>Operator ID</i>	BH925B
<i>Model</i>	36MBT6	<i>Serial Number</i>	
<i>Location Note</i>			
<i>Device Description</i>	Particulate emission control on Holding Bin (BN925B); positive pressure baghouse; contains 36 Tetratex polyester bags; each bag 6 in D x 6 ft L; total fabric area 345 sq ft; pulse jet cleaning; operating temperature 60F		

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**11.22 Holding Bin - BN925A**

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<b>Device ID #</b>	<b>110643</b>	<b>Device Name</b>	<b>Holding Bin - BN925A</b>
<i>Rated Heat Input</i>		<i>Physical Size</i>	20.00 Tons
<i>Manufacturer</i>	Tank Connection	<i>Operator ID</i>	BN925A
<i>Model</i>		<i>Serial Number</i>	
<i>Location Note</i>			
<i>Device Description</i>			

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**11.23 Holding Bin - BN925B**

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<b>Device ID #</b>	<b>110644</b>	<b>Device Name</b>	<b>Holding Bin - BN925B</b>
<i>Rated Heat Input</i>		<i>Physical Size</i>	20.00 Tons
<i>Manufacturer</i>	Tank Connection	<i>Operator ID</i>	BN925B
<i>Model</i>		<i>Serial Number</i>	
<i>Location Note</i>			
<i>Device Description</i>			

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#### 11.24 Disposition Bin - BN109A

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<b>Device ID #</b>	<b>110645</b>	<b>Device Name</b>	<b>Disposition Bin - BN109A</b>
<i>Rated Heat Input</i>		<i>Physical Size</i>	20.00 Tons
<i>Manufacturer</i>	Tank Connection	<i>Operator ID</i>	BN109A
<i>Model</i>		<i>Serial Number</i>	
<i>Location Note</i>			
<i>Device Description</i>			

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#### 11.25 Disposition Bin - BN109B

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<b>Device ID #</b>	<b>110646</b>	<b>Device Name</b>	<b>Disposition Bin - BN109B</b>
<i>Rated Heat Input</i>		<i>Physical Size</i>	20.00 Tons
<i>Manufacturer</i>	Tank Connection	<i>Operator ID</i>	BN109B
<i>Model</i>		<i>Serial Number</i>	
<i>Location Note</i>			
<i>Device Description</i>			

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#### 11.26 Disposition Bin - BN110A

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<b>Device ID #</b>	<b>110647</b>	<b>Device Name</b>	<b>Disposition Bin - BN110A</b>
<i>Rated Heat Input</i>		<i>Physical Size</i>	20.00 Tons
<i>Manufacturer</i>	Tank Connection	<i>Operator ID</i>	BN110A
<i>Model</i>		<i>Serial Number</i>	
<i>Location Note</i>			
<i>Device Description</i>			

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#### 11.27 Disposition Bin - BN110B

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<b>Device ID #</b>	<b>110648</b>	<b>Device Name</b>	<b>Disposition Bin - BN110B</b>
<i>Rated Heat Input</i>		<i>Physical Size</i>	20.00 Tons
<i>Manufacturer</i>	Tank Connection	<i>Operator ID</i>	BN110B
<i>Model</i>		<i>Serial Number</i>	
<i>Location Note</i>			
<i>Device Description</i>			

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#### 11.28 Baghouse - BH109A

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<b>Device ID #</b>	<b>110649</b>	<b>Device Name</b>	<b>Baghouse - BH109A</b>
<i>Rated Heat Input</i>		<i>Physical Size</i>	1381.00 scf/Minute
<i>Manufacturer</i>	Donaldson	<i>Operator ID</i>	BH109A
<i>Model</i>	54MBT6	<i>Serial Number</i>	

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*Location Note*

*Device Description* Particulate emission control on Disposition Bin (BN109A); negative pressure baghouse with a 3HP motor driven blower; contains 54 Tetratex polyester bags; each bag 6 in D x 6 ft L; total fabric area 518 sq ft; pulse jet cleaning; operating temperature 60 - 180F

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**11.29 Baghouse - BH109B**

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<b>Device ID #</b>	<b>110650</b>	<b>Device Name</b>	<b>Baghouse - BH109B</b>
<i>Rated Heat Input</i>		<i>Physical Size</i>	1381.00 scf/Minute
<i>Manufacturer</i>	Donaldson	<i>Operator ID</i>	BH109B
<i>Model</i>	54MBT6	<i>Serial Number</i>	
<i>Location Note</i>			
<i>Device Description</i>	Particulate emission control on Disposition Bin (BN109B); negative baghouse with a 3HP motor driven blower; contains 54 Tetratex polyester bags; each bag 6 in D x 6 ft L; total fabric area 518 sq ft; pulse jet cleaning; operating temperature 60 - 180F		

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**11.30 Baghouse - BH110A**

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<b>Device ID #</b>	<b>110651</b>	<b>Device Name</b>	<b>Baghouse - BH110A</b>
<i>Rated Heat Input</i>		<i>Physical Size</i>	1381.00 scf/Minute
<i>Manufacturer</i>	Donaldson	<i>Operator ID</i>	BH110A
<i>Model</i>	54MBT6	<i>Serial Number</i>	
<i>Location Note</i>			
<i>Device Description</i>	Particulate emission control on Disposition Bin (BN110A); negative pressure baghouse with a 3HP motor driven blower; contains 54 Tetratex polyester bags; each bag 6 in D x 6 ft L; total fabric area 518 sq ft; pulse jet cleaning; operating temperature 60F		

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**11.31 Baghouse - BH110B**

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<b>Device ID #</b>	<b>110652</b>	<b>Device Name</b>	<b>Baghouse - BH110B</b>
<i>Rated Heat Input</i>		<i>Physical Size</i>	1381.00 scf/Minute
<i>Manufacturer</i>	Donaldson	<i>Operator ID</i>	BH110B
<i>Model</i>	54MBT6	<i>Serial Number</i>	
<i>Location Note</i>			
<i>Device Description</i>	Particulate emission control on Disposition Bin (BN110B); negative pressure baghouse with a 3HP motor driven blower; contains 54 Tetratex polyester bags; each bag 6 in D x 6 ft L; total fabric area 518 sq ft; pulse jet cleaning; operating temperature 60F		

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**11.32 Powder Pumps - PP116 - PP117 A&B**

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<b>Device ID #</b>	<b>110653</b>	<b>Device Name</b>	<b>Powder Pumps - PP116 - PP117 A&amp;B</b>
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<i>Rated Heat Input</i>		<i>Physical Size</i>	100.00 Cubic Feet
<i>Manufacturer</i>	Cyclonaire	<i>Operator ID</i>	PP116 -117 A&B
<i>Model</i>	DPV-100B	<i>Serial Number</i>	
<i>Location Note</i>			
<i>Device Description</i>	Alr pressure driven; 100 cu ft capacity		

### 11.33 Powder Pumps - PP925 A&B

<b>Device ID #</b>	<b>110654</b>	<b>Device Name</b>	<b>Powder Pumps - PP925 A&amp;B</b>
<i>Rated Heat Input</i>		<i>Physical Size</i>	25.00 Cubic Feet
<i>Manufacturer</i>	Cyclonaire	<i>Operator ID</i>	PP925 A&B
<i>Model</i>	DPV-25B	<i>Serial Number</i>	
<i>Location Note</i>			
<i>Device Description</i>	Alr pressure driven; 25 cu ft capacity		

## 12 Bagging and Packing

### 12.1 Packing Station Baghouse

<b>Device ID #</b>	<b>110525</b>	<b>Device Name</b>	<b>Packing Station Baghouse</b>
<i>Rated Heat Input</i>		<i>Physical Size</i>	14259.00 scf/Minute
<i>Manufacturer</i>	Donaldson	<i>Operator ID</i>	BH125
<i>Model</i>	DLMC 4/5/15	<i>Serial Number</i>	
<i>Location Note</i>			
<i>Device Description</i>	BH125 contains 200 bags (each approx 20in D X 5ft L); del p = 0.1 - 6 in WC; neg pressure; rating of blower (Celite ID BL125) = 30 HP; blower flow rate = 14,259 scfm; a/c ratio = 4.41; op temp = 60F		

### 12.2 Semi Bulk Bag Filler

<b>Device ID #</b>	<b>110526</b>	<b>Device Name</b>	<b>Semi Bulk Bag Filler</b>
<i>Rated Heat Input</i>		<i>Physical Size</i>	
<i>Manufacturer</i>	Stone Container Corp	<i>Operator ID</i>	SB132A
<i>Model</i>	MBS-1000	<i>Serial Number</i>	
<i>Location Note</i>			
<i>Device Description</i>	Bagging rate = 13.2 short tons/hour (12 mt/hr)		

### 12.3 Semi Bulk Bag Filler

<b>Device ID #</b>	<b>110527</b>	<b>Device Name</b>	<b>Semi Bulk Bag Filler</b>
<i>Rated Heat Input</i>		<i>Physical Size</i>	

<i>Manufacturer</i>	Stone Container Corp	<i>Operator ID</i>	SB132B
<i>Model</i>	MBS-1000	<i>Serial Number</i>	
<i>Location Note</i>			
<i>Device Description</i>	Bagging rate = 13.2 short tons/hour (12 mt/hr)		

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#### 12.4 Packer Bin (BN121A) Baghouse

<b><i>Device ID #</i></b>	<b>110528</b>	<b><i>Device Name</i></b>	<b>Packer Bin (BN121A) Baghouse</b>
<i>Rated Heat Input</i>		<i>Physical Size</i>	
<i>Manufacturer</i>	Donaldson	<i>Operator ID</i>	BH121A1
<i>Model</i>	DLMV 30/15	<i>Serial Number</i>	
<i>Location Note</i>			
<i>Device Description</i>	BH121A1 contains 20 bags (each approx 20 in D X 5 ft L); del p = 0.1 - 6 in WC; positive pressure; air flow 1031 scfm, a/c ratio = 3.2; op temp = 60F.		

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#### 12.5 Packer Bin (BN121A) Baghouse

<b><i>Device ID #</i></b>	<b>110529</b>	<b><i>Device Name</i></b>	<b>Packer Bin (BN121A) Baghouse</b>
<i>Rated Heat Input</i>		<i>Physical Size</i>	
<i>Manufacturer</i>	Donaldson	<i>Operator ID</i>	BH121A2
<i>Model</i>	DLMV 30/15	<i>Serial Number</i>	
<i>Location Note</i>			
<i>Device Description</i>	BH121A2 contains 20 bags (each approx 20 in D X 5 ft L); del p = 0.1 - 6 in WC; positive pressure; air flow 1031 scfm, a/c ratio = 3.2; op temp = 60F.		

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#### 12.6 Packer Bin (BN121B) Baghouse

<b><i>Device ID #</i></b>	<b>110530</b>	<b><i>Device Name</i></b>	<b>Packer Bin (BN121B) Baghouse</b>
<i>Rated Heat Input</i>		<i>Physical Size</i>	
<i>Manufacturer</i>	Donaldson	<i>Operator ID</i>	BH121B1
<i>Model</i>	DLMV 30/15	<i>Serial Number</i>	
<i>Location Note</i>			
<i>Device Description</i>	BH121B1 contains 20 bags (each approx 20 in D X 5 ft L); del p = 0.1 - 6 in WC; positive pressure; air flow 1031 scfm, a/c ratio = 3.2; op temp = 60F.		

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#### 12.7 Packer Bin (BN121B) Baghouse

<b><i>Device ID #</i></b>	<b>110531</b>	<b><i>Device Name</i></b>	<b>Packer Bin (BN121B) Baghouse</b>
<i>Rated Heat Input</i>		<i>Physical Size</i>	
<i>Manufacturer</i>	Donaldson	<i>Operator ID</i>	BH121B2

<i>Model</i>	DLMV 30/15	<i>Serial Number</i>	
<i>Location Note</i>			
<i>Device Description</i>	BH121B2 contains 20 bags (each approx 20 in D X 5 ft L); del p = 0.1 - 6 in WC; positive pressure; air flow 1031 scfm, a/c ratio = 3.2; op temp = 60F.		

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### 12.8 Packer Bin (BN131A) Baghouse

<b><i>Device ID #</i></b>	<b>110532</b>	<b><i>Device Name</i></b>	<b>Packer Bin (BN131A) Baghouse</b>
<i>Rated Heat Input</i>		<i>Physical Size</i>	
<i>Manufacturer</i>	Donaldson	<i>Operator ID</i>	BH131A1
<i>Model</i>	DLMV 30/15	<i>Serial Number</i>	
<i>Location Note</i>			
<i>Device Description</i>	BH131A1 contains 20 bags (each approx 20 in D X 5 ft L); del p = 0.1 - 6 in WC; positive pressure; air flow 1031 scfm, a/c ratio = 3.2; op temp = 60F.		

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### 12.9 Packer Bin (BN131A) Baghouse

<b><i>Device ID #</i></b>	<b>110533</b>	<b><i>Device Name</i></b>	<b>Packer Bin (BN131A) Baghouse</b>
<i>Rated Heat Input</i>		<i>Physical Size</i>	
<i>Manufacturer</i>	Donaldson	<i>Operator ID</i>	BH131A2
<i>Model</i>	DLMV 30/15	<i>Serial Number</i>	
<i>Location Note</i>			
<i>Device Description</i>	BH131A2 contains 20 bags (each approx 20 in D X 5 ft L); del p = 0.1 - 6 in WC; positive pressure; air flow 1031 scfm, a/c ratio = 3.2; op temp = 60F.		

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### 12.10 Packer Bin (BN131B) Baghouse

<b><i>Device ID #</i></b>	<b>110534</b>	<b><i>Device Name</i></b>	<b>Packer Bin (BN131B) Baghouse</b>
<i>Rated Heat Input</i>		<i>Physical Size</i>	
<i>Manufacturer</i>	Donaldson	<i>Operator ID</i>	BH131B1
<i>Model</i>	DLMV 30/15	<i>Serial Number</i>	
<i>Location Note</i>			
<i>Device Description</i>	BH131B1 contains 20 bags (each approx 20 in D X 5 ft L); del p = 0.1 - 6 in WC; positive pressure; air flow 1031 scfm, a/c ratio = 3.2; op temp = 60F.		

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### 12.11 Packer Bin (BN131B) Baghouse

<b><i>Device ID #</i></b>	<b>110535</b>	<b><i>Device Name</i></b>	<b>Packer Bin (BN131B) Baghouse</b>
<i>Rated Heat Input</i>		<i>Physical Size</i>	
<i>Manufacturer</i>	Donaldson	<i>Operator ID</i>	BH131B2

<i>Model</i>	DLMV 30/15	<i>Serial Number</i>	
<i>Location Note</i>			
<i>Device Description</i>	BH131B2 contains 20 bags (each approx 20 in D X 5 ft L); del p = 0.1 - 6 in WC; positive pressure; air flow 1031 scfm, a/c ratio = 3.2; op temp = 60F.		

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### 12.12 Blower

<b>Device ID #</b>	<b>110536</b>	<b>Device Name</b>	<b>Blower</b>
<i>Rated Heat Input</i>		<i>Physical Size</i>	
<i>Manufacturer</i>		<i>Operator ID</i>	BL125
<i>Model</i>		<i>Serial Number</i>	
<i>Location Note</i>			
<i>Device Description</i>	Serving BH125 (Dev No 110525); HP rating = 30 HP		

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### 12.13 Blower

<b>Device ID #</b>	<b>110537</b>	<b>Device Name</b>	<b>Blower</b>
<i>Rated Heat Input</i>		<i>Physical Size</i>	
<i>Manufacturer</i>		<i>Operator ID</i>	BL 132
<i>Model</i>		<i>Serial Number</i>	
<i>Location Note</i>			
<i>Device Description</i>	Serving Semi Bulk Bag Fillers SB132A and B (Dev Nos 110526 & 110527); HP rating = 3 HP		

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### 12.14 Bag Packer

<b>Device ID #</b>	<b>109822</b>	<b>Device Name</b>	<b>Bag Packer</b>
<i>Rated Heat Input</i>		<i>Physical Size</i>	
<i>Manufacturer</i>		<i>Operator ID</i>	PK122A
<i>Model</i>		<i>Serial Number</i>	
<i>Location Note</i>			
<i>Device Description</i>	Bagging Capacity = 15 short tons/hr (13.6 mt/hr); packing units = 50 pound bags		

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### 12.15 Bag Packer

<b>Device ID #</b>	<b>109823</b>	<b>Device Name</b>	<b>Bag Packer</b>
<i>Rated Heat Input</i>		<i>Physical Size</i>	
<i>Manufacturer</i>		<i>Operator ID</i>	PK122B
<i>Model</i>		<i>Serial Number</i>	
<i>Location Note</i>			
<i>Device Description</i>	Bagging Capacity = 15 short tons/hr (13.6 mt/hr); packing units = 50 pound bags		

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## 12.16 Packer Bin

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<b>Device ID #</b>	<b>109824</b>	<b>Device Name</b>	<b>Packer Bin</b>
<i>Rated Heat Input</i>		<i>Physical Size</i>	
<i>Manufacturer</i>		<i>Operator ID</i>	BN121A
<i>Model</i>		<i>Serial Number</i>	
<i>Location Note</i>			
<i>Device Description</i>	Capacity = 4.4 short tons (4 mt) serving bag packer PK122A (Dev No 109822)		

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## 12.17 Packer Bin

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<b>Device ID #</b>	<b>109825</b>	<b>Device Name</b>	<b>Packer Bin</b>
<i>Rated Heat Input</i>		<i>Physical Size</i>	
<i>Manufacturer</i>		<i>Operator ID</i>	BN121B
<i>Model</i>		<i>Serial Number</i>	
<i>Location Note</i>			
<i>Device Description</i>	Capacity = 4.4 short tons (4 mt) serving bag packer PK122B (Dev No 109823)		

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## 12.18 Semi Bulk Packer Bin

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<b>Device ID #</b>	<b>109828</b>	<b>Device Name</b>	<b>Semi Bulk Packer Bin</b>
<i>Rated Heat Input</i>		<i>Physical Size</i>	
<i>Manufacturer</i>		<i>Operator ID</i>	BN131A
<i>Model</i>		<i>Serial Number</i>	
<i>Location Note</i>			
<i>Device Description</i>	Capacity = 4.4 short tons (4 mt) serving semi-bulk bag filler SB132A (Dev No 110526)		

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## 12.19 Semi Bulk Packer Bin

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<b>Device ID #</b>	<b>109829</b>	<b>Device Name</b>	<b>Semi Bulk Packer Bin</b>
<i>Rated Heat Input</i>		<i>Physical Size</i>	
<i>Manufacturer</i>		<i>Operator ID</i>	BN131B
<i>Model</i>		<i>Serial Number</i>	
<i>Location Note</i>			
<i>Device Description</i>	Capacity = 4.4 short tons (4 mt) serving semi-bulk bag filler SB132B (Dev No 110527)		

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## 13 Mobile Crude Ore Crushing and Screening Plant

### 13.1 Hinged Grizzly Feed Hopper

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<b>Device ID #</b>	<b>110481</b>	<b>Device Name</b>	<b>Hinged Grizzly Feed Hopper</b>
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<i>Rated Heat Input</i>	<i>Physical Size</i>	
<i>Manufacturer</i>	<i>Operator ID</i>	SC010
<i>Model</i>	<i>Serial Number</i>	
<i>Location Note</i>		
<i>Device Description</i>	16 inch openings on grid; automatic lift	

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### 13.2 Crusher Feed Hopper

<b><i>Device ID #</i></b>	<b>110482</b>	<b><i>Device Name</i></b>	<b>Crusher Feed Hopper</b>
<i>Rated Heat Input</i>		<i>Physical Size</i>	
<i>Manufacturer</i>		<i>Operator ID</i>	FH010
<i>Model</i>		<i>Serial Number</i>	
<i>Location Note</i>			
<i>Device Description</i>	Capacity of 61 yd3; unlined; above ground		

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### 13.3 Crusher Apron Feeder

<b><i>Device ID #</i></b>	<b>110483</b>	<b><i>Device Name</i></b>	<b>Crusher Apron Feeder</b>
<i>Rated Heat Input</i>		<i>Physical Size</i>	
<i>Manufacturer</i>	Rexnord	<i>Operator ID</i>	FB011
<i>Model</i>		<i>Serial Number</i>	
<i>Location Note</i>			
<i>Device Description</i>	65" belt width x 44ft length; 65" Apron type; VFD, driven by 15 HP electric motor		

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### 13.4 Raw Ore Transfer Belt Conveyor to Crusher

<b><i>Device ID #</i></b>	<b>110484</b>	<b><i>Device Name</i></b>	<b>Raw Ore Transfer Belt Conveyor to Crusher</b>
<i>Rated Heat Input</i>		<i>Physical Size</i>	
<i>Manufacturer</i>	Rock Systems	<i>Operator ID</i>	CB012
<i>Model</i>		<i>Serial Number</i>	
<i>Location Note</i>			
<i>Device Description</i>	42" belt width X 80ft length; driven by 20 HP electric motor		

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### 13.5 Protection ElectroMagnet cw tramp metal conveyer

<b><i>Device ID #</i></b>	<b>110485</b>	<b><i>Device Name</i></b>	<b>Protection ElectroMagnet cw tramp metal conveyer</b>
<i>Rated Heat Input</i>		<i>Physical Size</i>	
<i>Manufacturer</i>	Dings 44CR	<i>Operator ID</i>	MA040
<i>Model</i>		<i>Serial Number</i>	
<i>Location Note</i>			
<i>Device Description</i>	36" belt width X 6ft length; self cleaning; driven by 5 HP electric motor		

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### 13.6 DE Ore Crusher

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<b>Device ID #</b>	<b>110486</b>	<b>Device Name</b>	<b>DE Ore Crusher</b>
<i>Rated Heat Input</i>		<i>Physical Size</i>	
<i>Manufacturer</i>	Metso NP1520	<i>Operator ID</i>	CR013
<i>Model</i>		<i>Serial Number</i>	
<i>Location Note</i>			
<i>Device Description</i>	Size minus 1/2 inch; horizontal shelf impactor; open discharge, VFD; driven by 2 - 250 HP electric motors		

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### 13.7 Crushed Ore Transfer Belt Conveyor to Screen

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<b>Device ID #</b>	<b>110487</b>	<b>Device Name</b>	<b>Crushed Ore Transfer Belt Conveyor to Screen</b>
<i>Rated Heat Input</i>		<i>Physical Size</i>	
<i>Manufacturer</i>	Rock Systems	<i>Operator ID</i>	CB014
<i>Model</i>		<i>Serial Number</i>	
<i>Location Note</i>			
<i>Device Description</i>	36" belt width X 100ft length; stationary; driven by 40 HP electric motor		

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### 13.8 Feed Belt Scale

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<b>Device ID #</b>	<b>110488</b>	<b>Device Name</b>	<b>Feed Belt Scale</b>
<i>Rated Heat Input</i>		<i>Physical Size</i>	
<i>Manufacturer</i>	Milltronics (Siemens)	<i>Operator ID</i>	BS014
<i>Model</i>		<i>Serial Number</i>	
<i>Location Note</i>			
<i>Device Description</i>	36' width		

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### 13.9 Vibratory Screen Deck

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<b>Device ID #</b>	<b>110489</b>	<b>Device Name</b>	<b>Vibratory Screen Deck</b>
<i>Rated Heat Input</i>		<i>Physical Size</i>	
<i>Manufacturer</i>	Nordberg	<i>Operator ID</i>	VS015
<i>Model</i>		<i>Serial Number</i>	
<i>Location Note</i>			
<i>Device Description</i>	Triple deck capability; 8ft X 20ft inclined deck; square aperture wire mesh screen, 5/8 inch & 1" screen sizes; driven by a 50 HP electric motor		

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### 13.10 Undersize Collection Conveyor Belt

<b>Device ID #</b>	<b>110490</b>	<b>Device Name</b>	<b>Undersize Collection Conveyor Belt</b>
<i>Rated Heat Input</i>		<i>Physical Size</i>	
<i>Manufacturer</i>	JW Jones	<i>Operator ID</i>	FB016
<i>Model</i>		<i>Serial Number</i>	
<i>Location Note</i>			
<i>Device Description</i>	48' belt width X 25ft length; driven by a 10 HP electric motor		

### 13.11 First Oversize Collection Conveyor Belt

<b>Device ID #</b>	<b>110491</b>	<b>Device Name</b>	<b>First Oversize Collection Conveyor Belt</b>
<i>Rated Heat Input</i>		<i>Physical Size</i>	
<i>Manufacturer</i>	Rock Systems	<i>Operator ID</i>	CB020
<i>Model</i>		<i>Serial Number</i>	
<i>Location Note</i>			
<i>Device Description</i>	30" belt width X 60ft length; portable/stackable; driven by a 15 HP electric motor		

### 13.12 Second Oversize Conveyor Belt

<b>Device ID #</b>	<b>110492</b>	<b>Device Name</b>	<b>Second Oversize Conveyor Belt</b>
<i>Rated Heat Input</i>		<i>Physical Size</i>	
<i>Manufacturer</i>	Rock Systems	<i>Operator ID</i>	CB021
<i>Model</i>		<i>Serial Number</i>	
<i>Location Note</i>			
<i>Device Description</i>	30" belt width X 60ft length; portable/stackable; driven by a 15 HP electric motor		

### 13.13 Oversize Stacker

<b>Device ID #</b>	<b>110493</b>	<b>Device Name</b>	<b>Oversize Stacker</b>
<i>Rated Heat Input</i>		<i>Physical Size</i>	
<i>Manufacturer</i>	Rock Systems	<i>Operator ID</i>	ST022
<i>Model</i>		<i>Serial Number</i>	
<i>Location Note</i>			
<i>Device Description</i>	30" belt width X 80ft length; driven by a 20 HP electric motor		

### 13.14 Reject Belt Scale

<b>Device ID #</b>	<b>110494</b>	<b>Device Name</b>	<b>Reject Belt Scale</b>
<i>Rated Heat Input</i>		<i>Physical Size</i>	
<i>Manufacturer</i>	Belt Way	<i>Operator ID</i>	BS022
<i>Model</i>	100	<i>Serial Number</i>	

Location Note  
Device Description

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### 13.15 First Undersize Transfer Belt Conveyor

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<b>Device ID #</b>	<b>110495</b>	<b>Device Name</b>	<b>First Undersize Transfer Belt Conveyor</b>
<i>Rated Heat Input</i>		<i>Physical Size</i>	
<i>Manufacturer</i>	Rock Systems	<i>Operator ID</i>	CB030
<i>Model</i>		<i>Serial Number</i>	
<i>Location Note</i>			
<i>Device Description</i>	36" belt width X 100ft length; portable; driven by a 40 HP electric motor		

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### 13.16 Crushed Product Belt Scale

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<b>Device ID #</b>	<b>110496</b>	<b>Device Name</b>	<b>Crushed Product Belt Scale</b>
<i>Rated Heat Input</i>		<i>Physical Size</i>	
<i>Manufacturer</i>	Milltronics (Siemens)	<i>Operator ID</i>	BS030
<i>Model</i>		<i>Serial Number</i>	
<i>Location Note</i>			
<i>Device Description</i>	30" width		

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### 13.17 Second Undersize Transfer Conveyor

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<b>Device ID #</b>	<b>110497</b>	<b>Device Name</b>	<b>Second Undersize Transfer Conveyor</b>
<i>Rated Heat Input</i>		<i>Physical Size</i>	
<i>Manufacturer</i>	Rock Systems	<i>Operator ID</i>	CB031
<i>Model</i>		<i>Serial Number</i>	
<i>Location Note</i>			
<i>Device Description</i>	36" belt width X 80ft length; portable; driven by a 25 HP electric motor		

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### 13.18 Third Undersize Transfer Conveyor

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<b>Device ID #</b>	<b>110498</b>	<b>Device Name</b>	<b>Third Undersize Transfer Conveyor</b>
<i>Rated Heat Input</i>		<i>Physical Size</i>	
<i>Manufacturer</i>	Rock Systems	<i>Operator ID</i>	CB032
<i>Model</i>		<i>Serial Number</i>	
<i>Location Note</i>			
<i>Device Description</i>	36" belt width X 80ft length; portable/stackable; driven by a 15 HP electric motor		

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### 13.19 Fourth Undersize Transfer Conveyor

<i>Device ID #</i>	<b>110499</b>	<i>Device Name</i>	<b>Fourth Undersize Transfer Conveyor</b>
<i>Rated Heat Input</i>		<i>Physical Size</i>	
<i>Manufacturer</i>	Rock Systems	<i>Operator ID</i>	CB033
<i>Model</i>		<i>Serial Number</i>	
<i>Location Note</i>			
<i>Device Description</i>	36" belt width X 50ft length; portable/stackable; driven by a 10 HP electric motor		

### 13.20 Telescoping Radial Stacker Belt

<i>Device ID #</i>	<b>110500</b>	<i>Device Name</i>	<b>Telescoping Radial Stacker Belt</b>
<i>Rated Heat Input</i>		<i>Physical Size</i>	
<i>Manufacturer</i>	Thorstack T150-8	<i>Operator ID</i>	ST034
<i>Model</i>		<i>Serial Number</i>	
<i>Location Note</i>			
<i>Device Description</i>	36" belt width X 150ft length; able to create >50ft pile height; driven by a 72 HP electric motor		

### 13.21 Product Storage Pile - Large

<i>Device ID #</i>	<b>110561</b>	<i>Device Name</i>	<b>Product Storage Pile - Large</b>
<i>Rated Heat Input</i>		<i>Physical Size</i>	4.80 Acres of Storage Piles
<i>Manufacturer</i>		<i>Operator ID</i>	
<i>Model</i>		<i>Serial Number</i>	
<i>Location Note</i>			
<i>Device Description</i>	Base footprint of each pile = 2.4 acres; surface area of each pile = 2.9 acres; maximum height of each pile shall not exceed 40 ft; each pile is arranged in a "C" shape with an end-to-end expanse = 330 degrees		

### 13.22 Product Storage Pile - Small

<i>Device ID #</i>	<b>110562</b>	<i>Device Name</i>	<b>Product Storage Pile - Small</b>
<i>Rated Heat Input</i>		<i>Physical Size</i>	2.60 Acres of Storage Piles
<i>Manufacturer</i>		<i>Operator ID</i>	
<i>Model</i>		<i>Serial Number</i>	
<i>Location Note</i>			
<i>Device Description</i>	Base footprint of each pile = 1.3 acres; surface area of each pile = 1.6 acres; maximum height of each pile shall not exceed 40 ft; each pile is arranged in a "C" shape with an end-to-end expanse = 180 degrees		

### 13.23 Reject Storage Pile

<i>Device ID #</i>	<b>110563</b>	<i>Device Name</i>	<b>Reject Storage Pile</b>
<i>Rated Heat Input</i>		<i>Physical Size</i>	
<i>Manufacturer</i>		<i>Operator ID</i>	
<i>Model</i>		<i>Serial Number</i>	
<i>Location Note</i>			
<i>Device Description</i>	650 cu yds of reject material, maximum height of pile = 15 feet		

### 13.24 Water Supply Pump

<i>Device ID #</i>	<b>110564</b>	<i>Device Name</i>	<b>Water Supply Pump</b>
<i>Rated Heat Input</i>		<i>Physical Size</i>	15.00 Horsepower (Electric Motor)
<i>Manufacturer</i>		<i>Operator ID</i>	
<i>Model</i>	ACT-P470	<i>Serial Number</i>	
<i>Location Note</i>			
<i>Device Description</i>	Supplies water for the wet suppression control system; pump capacity = 18.5 gpm; powered by a 15 hp motor		

## B EXEMPT EQUIPMENT

### 1 Rotary Dryer

<i>Device ID #</i>	<b>005841</b>	<i>Device Name</i>	<b>Rotary Dryer</b>
<i>Rated Heat Input</i>	0.600 MMBtu/Hour	<i>Physical Size</i>	
<i>Manufacturer</i>		<i>Operator ID</i>	
<i>Model</i>		<i>Serial Number</i>	
<i>Part 70 Insig?</i>	No	<i>District Rule Exemption:</i>	
<i>Location Note</i>			
<i>Device Description</i>			

### 2 Flash Dryer

<i>Device ID #</i>	<b>005842</b>	<i>Device Name</i>	<b>Flash Dryer</b>
<i>Rated Heat Input</i>	0.600 MMBtu/Hour	<i>Physical Size</i>	
<i>Manufacturer</i>		<i>Operator ID</i>	
<i>Model</i>		<i>Serial Number</i>	
<i>Part 70 Insig?</i>	No	<i>District Rule Exemption:</i>	

Location Note  
 Device  
 Description

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**3 ICE 1017 Emergency Electrical Power Generation**

<b>Device ID #</b>	<b>008069</b>	<b>Device Name</b>	<b>ICE 1017 Emergency Electrical Power Generation</b>
<i>Rated Heat Input</i>		<i>Physical Size</i>	200.00 Brake Horsepower
<i>Manufacturer Model</i>		<i>Operator ID Serial Number</i>	ICE 1017
<i>Part 70 Insig?</i>	No	<i>District Rule Exemption:</i>	
<i>Location Note</i>			
<i>Device Description</i>	Natural gas fired, Powder Mills emergency power generator, 200 hr/yr.		

**4 CAFA Rotary Kiln**

<b>Device ID #</b>	<b>005845</b>	<b>Device Name</b>	<b>CAFA Rotary Kiln</b>
<i>Rated Heat Input</i>	0.110 MMBtu/Hour	<i>Physical Size</i>	
<i>Manufacturer Model</i>		<i>Operator ID Serial Number</i>	
<i>Part 70 Insig?</i>	No	<i>District Rule Exemption:</i>	
<i>Location Note</i>			
<i>Device Description</i>	Fired on Natural Gas		

**5 Main Kiln**

<b>Device ID #</b>	<b>008049</b>	<b>Device Name</b>	<b>Main Kiln</b>
<i>Rated Heat Input</i>	1.500 MMBtu/Hour	<i>Physical Size</i>	
<i>Manufacturer Model</i>		<i>Operator ID Serial Number</i>	
<i>Part 70 Insig?</i>	No	<i>District Rule Exemption:</i>	
<i>Location Note</i>			
<i>Device Description</i>			

**6 6 inch Kiln**

<b>Device ID #</b>	<b>008050</b>	<b>Device Name</b>	<b>6 inch Kiln</b>
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<i>Rated Heat Input</i>	0.200 MMBtu/Hour	<i>Physical Size</i>
<i>Manufacturer Model</i>		<i>Operator ID</i>
<i>Part 70 Insig?</i>	No	<i>Serial Number</i>
<i>Location Note</i>		<i>District Rule Exemption:</i>
<i>Device Description</i>		

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**7 Experimental Plant Dryer**

<b><i>Device ID #</i></b>	<b>008048</b>	<b><i>Device Name</i></b>	<b>Experimental Plant Dryer</b>
<i>Rated Heat Input</i>	0.300 MMBtu/Hour	<i>Physical Size</i>	
<i>Manufacturer Model</i>		<i>Operator ID</i>	
<i>Part 70 Insig?</i>	No	<i>Serial Number</i>	
<i>Location Note</i>		<i>District Rule Exemption:</i>	
<i>Device Description</i>			

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**8 IC Engine: Portable Air Compressor - Skid Mounted**

<b><i>Device ID #</i></b>	<b>000064</b>	<b><i>Device Name</i></b>	<b>IC Engine: Portable Air Compressor - Skid Mounted</b>
<i>Rated Heat Input</i>		<i>Physical Size</i>	58.00 Brake Horsepower
<i>Manufacturer Model</i>	John Deere 3179D	<i>Operator ID</i>	#8115
<i>Part 70 Insig?</i>	No	<i>Serial Number</i>	6D3 279D7092075
<i>Location Note</i>		<i>District Rule Exemption:</i>	
<i>Device Description</i>	PERP Registration # 108256; ARB Tracking # 20001095.		

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**9 IC Engine: Air Compressor**

<b><i>Device ID #</i></b>	<b>000065</b>	<b><i>Device Name</i></b>	<b>IC Engine: Air Compressor</b>
<i>Rated Heat Input</i>		<i>Physical Size</i>	80.00 Brake Horsepower
<i>Manufacturer Model</i>	Perkins 4.236	<i>Operator ID</i>	#8716
<i>Part 70 Insig?</i>	No	<i>Serial Number</i>	LD70147U967863L
<i>Location Note</i>		<i>District Rule Exemption:</i>	
<i>Device Description</i>	PERP Registration # 108257; ARB Tracking # 20001096.		

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*Description*

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**10 IC Engine: Silicates Plant Air Compressor**

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<b>Device ID #</b>	<b>000063</b>	<b>Device Name</b>	<b>IC Engine: Silicates Plant Air Compressor</b>
<i>Rated Heat Input</i>		<i>Physical Size</i>	49.00 Brake Horsepower
<i>Manufacturer</i>	White G	<i>Operator ID</i>	#8113
<i>Model</i>	1600X119	<i>Serial Number</i>	106324-U78-919
<i>Part 70 Insig?</i>	No	<i>District Rule Exemption:</i>	
<i>Location Note</i>			
<i>Device Description</i>	PERP Registration # 108248; ARB Tracking # 20001086.		

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**11 IC Engine: Air Compressor**

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<b>Device ID #</b>	<b>000066</b>	<b>Device Name</b>	<b>IC Engine: Air Compressor</b>
<i>Rated Heat Input</i>		<i>Physical Size</i>	80.00 Brake Horsepower
<i>Manufacturer</i>	Perkins	<i>Operator ID</i>	#8717
<i>Model</i>	4.236	<i>Serial Number</i>	LD30147U968044L
<i>Part 70 Insig?</i>	No	<i>District Rule Exemption:</i>	
<i>Location Note</i>			
<i>Device Description</i>	PERP Registration #108259; ARB Tracking #20001098.		

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**12 IC Engine: Air Compressor Mounted on Bulk Truck Trailer #17**

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<b>Device ID #</b>	<b>000068</b>	<b>Device Name</b>	<b>IC Engine: Air Compressor Mounted on Bulk Truck Trailer #17</b>
<i>Rated Heat Input</i>		<i>Physical Size</i>	43.00 Brake Horsepower
<i>Manufacturer</i>	White G	<i>Operator ID</i>	#8776
<i>Model</i>	1600X191	<i>Serial Number</i>	39283 L-4-HM
<i>Part 70 Insig?</i>	No	<i>District Rule Exemption:</i>	
<i>Location Note</i>			
<i>Device Description</i>	PERP Registration #108252; ARB Tracking #20001090.		

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**13 IC Engine: Air Compressor Mounted on Bulk Truck Trailer #43**

<b>Device ID #</b>	<b>000069</b>	<b>Device Name</b>	<b>IC Engine: Air Compressor Mounted on Bulk Truck Trailer #43</b>
<i>Rated Heat Input</i>		<i>Physical Size</i>	43.00 Brake Horsepower
<i>Manufacturer Model</i>	White G 1600X191	<i>Operator ID Serial Number</i>	#8778 09293 K-1-HG
<i>Part 70 Insig?</i>	No	<i>District Rule Exemption:</i>	
<i>Location Note</i>			
<i>Device Description</i>	PERP Registration #108255; ARB Tracking #20001093.		

**14 IC Engine: Air Compressor Mounted on Bulk Truck Trailer #52**

<b>Device ID #</b>	<b>000070</b>	<b>Device Name</b>	<b>IC Engine: Air Compressor Mounted on Bulk Truck Trailer #52</b>
<i>Rated Heat Input</i>		<i>Physical Size</i>	43.00 Brake Horsepower
<i>Manufacturer Model</i>	White G 1600X191	<i>Operator ID Serial Number</i>	#8780 10943 A-26-H
<i>Part 70 Insig?</i>	No	<i>District Rule Exemption:</i>	
<i>Location Note</i>			
<i>Device Description</i>	PERP Registration #108258; ARB Tracking #20001097.		

**15 IC Engine: Air Compressor Mounted on Bulk Truck Trailer #21**

<b>Device ID #</b>	<b>000071</b>	<b>Device Name</b>	<b>IC Engine: Air Compressor Mounted on Bulk Truck Trailer #21</b>
<i>Rated Heat Input</i>		<i>Physical Size</i>	43.00 Brake Horsepower
<i>Manufacturer Model</i>	White G 1600X191	<i>Operator ID Serial Number</i>	#8786 A9289 K-1-HG
<i>Part 70 Insig?</i>	No	<i>District Rule Exemption:</i>	
<i>Location Note</i>			
<i>Device Description</i>	PERP Registration #108261; ARB Tracking #20001100.		

**16 IC Engine: Air Compressor Mounted on Bulk Truck Trailer #84**

<b>Device ID #</b>	<b>000072</b>	<b>Device Name</b>	<b>IC Engine: Air Compressor Mounted on Bulk</b>
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**Truck Trailer #84**

<i>Rated Heat Input</i>		<i>Physical Size</i>	43.00 Brake Horsepower
<i>Manufacturer Model</i>	White G 1600X191	<i>Operator ID</i>	#8795
<i>Part 70 Insig?</i>	No	<i>Serial Number</i>	XL4918334
<i>Location Note</i>	<i>District Rule Exemption:</i>		
<i>Device Description</i>	PERP Registration #108250; ARB Tracking #20001088.		

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**17 IC Engine: Air Blower**

<b>Device ID #</b>	<b>000074</b>	<b>Device Name</b>	<b>IC Engine: Air Blower</b>
<i>Rated Heat Input</i>		<i>Physical Size</i>	49.00 Brake Horsepower
<i>Manufacturer Model</i>	Wisconsin V465D	<i>Operator ID</i>	#8700
<i>Part 70 Insig?</i>	No	<i>Serial Number</i>	446183 6193564
<i>Location Note</i>	<i>District Rule Exemption:</i>		
<i>Device Description</i>	PERP Registration #108249; ARB Tracking #20001087.		

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**18 IC Engine: Air Compressor Mounted on Bulk Truck Trailer #39**

<b>Device ID #</b>	<b>000075</b>	<b>Device Name</b>	<b>IC Engine: Air Compressor Mounted on Bulk Truck Trailer #39</b>
<i>Rated Heat Input</i>		<i>Physical Size</i>	43.00 Brake Horsepower
<i>Manufacturer Model</i>	White G 1600X191	<i>Operator ID</i>	#8771
<i>Part 70 Insig?</i>	No	<i>Serial Number</i>	XL4918336
<i>Location Note</i>	<i>District Rule Exemption:</i>		
<i>Device Description</i>	PERP Registration #108251; ARB Tracking #20001089.		

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**19 IC Engine: Arc Welder - Truck Bed Mounted**

<b>Device ID #</b>	<b>000077</b>	<b>Device Name</b>	<b>IC Engine: Arc Welder - Truck Bed Mounted</b>
<i>Rated Heat Input</i>		<i>Physical Size</i>	36.00 Brake Horsepower
<i>Manufacturer Model</i>	Continental F163	<i>Operator ID</i>	#8700-2
		<i>Serial Number</i>	F1634527-332264

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Part 70 Insig? No                      District Rule Exemption:  
 Location Note  
 Device PERP Registration #108254; ARB Tracking #20001092.  
 Description

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**20      IC Engine: Arc Welder - Trailer Mounted**

<b>Device ID #</b>	<b>000078</b>	<b>Device Name</b>	<b>IC Engine: Arc Welder - Trailer Mounted</b>
<i>Rated Heat Input</i>		<i>Physical Size</i>	36.00 Brake Horsepower
<i>Manufacturer Model</i>	Continental F163	<i>Operator ID</i>	#8700-1
		<i>Serial Number</i>	F163A-606M
Part 70 Insig?	No	District Rule Exemption:	
Location Note			
Device Description	PERP Registration #108253; ARB Tracking #20001091.		

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**21      IC Engine: Drilling Rig Engine**

<b>Device ID #</b>	<b>000079</b>	<b>Device Name</b>	<b>IC Engine: Drilling Rig Engine</b>
<i>Rated Heat Input</i>		<i>Physical Size</i>	85.00 Brake Horsepower
<i>Manufacturer Model</i>	Hatz Z108	<i>Operator ID</i>	#8102
		<i>Serial Number</i>	22746 8-21-TT
Part 70 Insig?	No	District Rule Exemption:	
Location Note			
Device Description	PERP Registration #108807; ARB Tracking #20003578.		

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**22      IC Engine: Water Pump on Drilling Rig**

<b>Device ID #</b>	<b>008831</b>	<b>Device Name</b>	<b>IC Engine: Water Pump on Drilling Rig</b>
<i>Rated Heat Input</i>		<i>Physical Size</i>	34.00 Brake Horsepower
<i>Manufacturer Model</i>		<i>Operator ID</i>	#8103
		<i>Serial Number</i>	341079011937
Part 70 Insig?	No	District Rule Exemption:	
Location Note			
Device Description	PERP Registration #108806; ARB Tracking #20003577.		

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**23 IC Engine: Quarries and Mines Lake Pump**

<b>Device ID #</b>	<b>008919</b>	<b>Device Name</b>	<b>IC Engine: Quarries and Mines Lake Pump</b>
<i>Rated Heat Input</i>		<i>Physical Size</i>	250.00 Brake Horsepower
<i>Manufacturer Model</i>		<i>Operator ID Serial Number</i>	#8198 RG6076A525686
<i>Part 70 Insig?</i>	No	<i>District Rule Exemption:</i>	
<i>Location Note</i>			
<i>Device Description</i>	PERP Registration #108260; ARB Tracking #20001099.		

**24 ICE: Emergency Electrical Power Generator**

<b>Device ID #</b>	<b>009079</b>	<b>Device Name</b>	<b>ICE: Emergency Electrical Power Generator</b>
<i>Rated Heat Input</i>		<i>Physical Size</i>	
<i>Manufacturer Model</i>		<i>Operator ID Serial Number</i>	#8790 WS4486N1200651
<i>Part 70 Insig?</i>	No	<i>District Rule Exemption:</i>	
<i>Location Note</i>			
<i>Device Description</i>	PERP Registration # unknown; ARB Tracking #20013333 - Not a valid tracking number		

**25 Shrink Wrap Unit 1**

<b>Device ID #</b>	<b>008045</b>	<b>Device Name</b>	<b>Shrink Wrap Unit 1</b>
<i>Rated Heat Input</i>	0.800 MMBtu/Hour	<i>Physical Size</i>	
<i>Manufacturer Model</i>		<i>Operator ID Serial Number</i>	
<i>Part 70 Insig?</i>	No	<i>District Rule Exemption:</i>	
<i>Location Note</i>			
<i>Device Description</i>			

**26 Shrink Wrap Unit 2**

<b>Device ID #</b>	<b>008047</b>	<b>Device Name</b>	<b>Shrink Wrap Unit 2</b>
<i>Rated Heat Input</i>	0.800 MMBtu/Hour	<i>Physical Size</i>	
<i>Manufacturer Model</i>		<i>Operator ID Serial Number</i>	

Part 70 Insig? No District Rule Exemption:  
 Location Note  
 Device  
 Description

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**27 Shrink Wrap Gun**

<b>Device ID #</b>	<b>008053</b>	<b>Device Name</b>	<b>Shrink Wrap Gun</b>
Rated Heat Input	0.200 MMBtu/Hour	Physical Size	
Manufacturer Model		Operator ID Serial Number	
Part 70 Insig?	No	District Rule Exemption:	
Location Note			
Device Description			

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**28 IC Engine: Air Blower Drive**

<b>Device ID #</b>	<b>000073</b>	<b>Device Name</b>	<b>IC Engine: Air Blower Drive</b>
Rated Heat Input		Physical Size	43.00 Brake Horsepower
Manufacturer Model	White G 1600X191	Operator ID Serial Number	#8797
Part 70 Insig?	No	District Rule Exemption:	
Location Note			
Device Description			

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**29 IC Engine: Air Compressor**

<b>Device ID #</b>	<b>103524</b>	<b>Device Name</b>	<b>IC Engine: Air Compressor</b>
Rated Heat Input		Physical Size	30.00 Brake Horsepower
Manufacturer Model		Operator ID Serial Number	
Part 70 Insig?	No	District Rule Exemption:	
Location Note			
Device Description	One 30 bhp ICE used to drive an air compressor.		

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**30 IC Engine: Portable Air Compressor**

<b>Device ID #</b>	<b>008054</b>	<b>Device Name</b>	<b>IC Engine: Portable</b>
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<b>Air Compressor</b>			
<i>Rated Heat Input</i>		<i>Physical Size</i>	16.00 Brake Horsepower
<i>Manufacturer Model</i>		<i>Operator ID</i>	
<i>Model</i>		<i>Serial Number</i>	
<i>Part 70 Insig?</i>	No	<i>District Rule Exemption:</i>	
<i>Location Note</i>			
<i>Device Description</i>	drive a portable air compressor.		

**31 IC Engine: Portable Concrete Mixer**

<i>Device ID #</i>	008056	<i>Device Name</i>	<b>IC Engine: Portable Concrete Mixer</b>
<i>Rated Heat Input</i>		<i>Physical Size</i>	9.00 Brake Horsepower
<i>Manufacturer Model</i>		<i>Operator ID</i>	
<i>Model</i>		<i>Serial Number</i>	
<i>Part 70 Insig?</i>	No	<i>District Rule Exemption:</i>	
<i>Location Note</i>			
<i>Device Description</i>	gasoline-fired ICE used to drive a portable concrete mixer.		

**32 IC Engine: Portable Striper**

<i>Device ID #</i>	103522	<i>Device Name</i>	<b>IC Engine: Portable Striper</b>
<i>Rated Heat Input</i>		<i>Physical Size</i>	3.50 Brake Horsepower
<i>Manufacturer Model</i>		<i>Operator ID</i>	
<i>Model</i>		<i>Serial Number</i>	
<i>Part 70 Insig?</i>	No	<i>District Rule Exemption:</i>	
<i>Location Note</i>			
<i>Device Description</i>			

**33 IC Engine: Power Mobile Quarry Flood Lights**

<i>Device ID #</i>	103523	<i>Device Name</i>	<b>IC Engine: Power Mobile Quarry Flood Lights</b>
<i>Rated Heat Input</i>		<i>Physical Size</i>	10.50 Brake Horsepower
<i>Manufacturer Model</i>		<i>Operator ID</i>	
<i>Model</i>		<i>Serial Number</i>	
<i>Part 70 Insig?</i>	No	<i>District Rule Exemption:</i>	
<i>Location Note</i>			

*Device Description* diesel-fired ICEs used to power mobile quarry flood lights.

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**34 IC Engine: Vacuum System**

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<b>Device ID #</b>	<b>008055</b>	<b>Device Name</b>	<b>IC Engine: Vacuum System</b>
<i>Rated Heat Input</i>		<i>Physical Size</i>	18.00 Brake Horsepower
<i>Manufacturer Model</i>		<i>Operator ID</i>	
<i>Part 70 Insig?</i>	No	<i>Serial Number</i>	
<i>Location Note</i>		<i>District Rule Exemption:</i>	
<i>Device Description</i>	Propane-fired ICE used to drive a vacuum system.		

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**35 Steam Cleaner**

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<b>Device ID #</b>	<b>103525</b>	<b>Device Name</b>	<b>Steam Cleaner</b>
<i>Rated Heat Input</i>	0.350 MMBtu/Hour	<i>Physical Size</i>	
<i>Manufacturer Model</i>		<i>Operator ID</i>	
<i>Part 70 Insig?</i>	No	<i>Serial Number</i>	
<i>Location Note</i>		<i>District Rule Exemption:</i>	
<i>Device Description</i>	PUC NG fired		

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**36 Sulfuric Acid Tank**

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<b>Device ID #</b>	<b>108396</b>	<b>Device Name</b>	<b>Sulfuric Acid Tank</b>
<i>Rated Heat Input</i>		<i>Physical Size</i>	5000.00 Gallons
<i>Manufacturer Model</i>		<i>Operator ID</i>	CP47
<i>Part 70 Insig?</i>	No	<i>Serial Number</i>	
<i>Location Note</i>		<i>District Rule Exemption:</i>	
<i>Device Description</i>			

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**37 Drums of Additives**

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<b>Device ID #</b>	<b>108397</b>	<b>Device Name</b>	<b>Drums of Additives</b>
<i>Rated Heat Input</i>		<i>Physical Size</i>	55.00 Gallons

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<i>Manufacturer</i>		<i>Operator ID</i>	CP48
<i>Model</i>		<i>Serial Number</i>	
<i>Part 70 Insig?</i>	No	<i>District Rule Exemption:</i>	
<i>Location Note</i>			
<i>Device</i>			
<i>Description</i>			

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**38 Tailings Tank**

<b><i>Device ID #</i></b>	<b>108398</b>	<b><i>Device Name</i></b>	<b>Tailings Tank</b>
<i>Rated Heat</i>		<i>Physical Size</i>	3500.00 Gallons
<i>Input</i>			
<i>Manufacturer</i>		<i>Operator ID</i>	CP49
<i>Model</i>		<i>Serial Number</i>	
<i>Part 70 Insig?</i>	No	<i>District Rule Exemption:</i>	
<i>Location Note</i>			
<i>Device</i>	Wastewater		
<i>Description</i>			

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