

FACILITY PERMIT TO OPERATE EXIDE TECHNOLOGIES

SECTION D: FACILITY DESCRIPTION AND EQUIPMENT SPECIFIC CONDITIONS

The operator shall comply with the terms and conditions set forth below:

Equipment	ID No.	Connected To	RECLAIM Source Type/ Monitoring Unit	Emissions * And Requirements	Conditions
Process 1: SECONDARY METALS, LEAD SMELTING PROCESS					
System 1: RAW MATERIAL PREPARATION SYSTEM (RMPS)					
HAMMERMILL, LEAD ACID BATTERY A/N: 374198	D1	C165		PM: (9) [RULE 405, 2-7-1986]	D323.1
CONVEYOR, BELT, HAMMERMILL FEED A/N: 374198	D2	C165		PM: (9) [RULE 405, 2-7-1986]	D323.1
TANK, HOLDING, MUD A/N: 374198	D3	C165		PM: (9) [RULE 405, 2-7-1986]	
TANK, HOLDING, MUD A/N: 374198	D4	C165		PM: (9) [RULE 405, 2-7-1986]	
TANK, HOLDING, MUD A/N: 374198	D5	C165		PM: (9) [RULE 405, 2-7-1986]	
SCRUBBER, PACKED BED, MAPCO, MODEL MW-100-24, WITH 2 FT PACKING, 4 IN THICK MESH PAD, CHEVRON TYPE MIST ELIMINATOR, 40 HP BLOWER, WIDTH: 11 FT 2 IN; HEIGHT: 8 FT 3 IN; LENGTH: 15 FT A/N:	C165	D1 D2 D3 D4 D5 C172 C175		LEAD: (10) [40CFR 63 Subpart X, #01, 1-29-1999]; PM: (9) [RULE 404, 2-7-1986]	C8.4, D12.12, D323.1, H116.3
FILTER, HEPA, WITH 16 HEPA FILTERS, MIDWEST AIR PRODUCTS, MODEL MW-100-24, EACH 2 FT W. X 2 FT L. X 11.5 INCHES THICK A/N:	C172	C165 S166		LEAD: (10) [40CFR 63 Subpart X, #01, 1-29-1999]; PM: (9) [RULE 404, 2-7-1986]	D12.14, D323.1, H116.3
STACK, HEIGHT: 65 FT ; DIAMETER: 3 FT 8 IN A/N:	S166	C172		PM: (9) [RULE 404, 2-7-1986]	D381.2

- * (1) (1A) (1B) Denotes RECLAIM emission factor
- (3) Denotes RECLAIM concentration limit
- (5) (5A) (5B) Denotes command and control emission limit
- (7) Denotes NSR applicability limit
- (9) See App B for Emission Limits
- (2) (2A) (2B) Denotes RECLAIM emission rate
- (4) Denotes BACT emission limit
- (6) Denotes air toxic control rule limit
- (8) (8A) (8B) Denotes 40 CFR limit (e.g. NSPS, NESHAPS, etc.)
- (10) See section J for NESHAP/MACT requirements

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Process 1: SECONDARY METALS, LEAD SMELTING PROCESS					
ENCLOSURE, BUILDING, RAW MATERIAL PREPARATION SYSTEM, 125 FT W. X 329 FT L. X 75 FT H., APPROXIMATE DIMENSIONS A/N:	C175	C156 C157 C165		LEAD: (10) [40CFR 63 Subpart X, #01, 1-29-1999]; PM: (9) [RULE 405, 2-7-1986]	E448.2
System 2: FEED DRYING SYSTEM					
HOPPER, DRYER FEED A/N: 374176	D109	C156 C157		LEAD: (10) [40CFR 63 Subpart X, #01, 1-29-1999]; PM: (9) [RULE 405, 2-7-1986]	D323.1
HOPPER, DRYER FEED, BACKUP A/N: 374176	D110	C156 C157		LEAD: (10) [40CFR 63 Subpart X, #01, 1-29-1999]; PM: (9) [RULE 405, 2-7-1986]	D323.1
CONVEYOR, SCREW, SCAVENGER A/N: 374176	D111	C156 C157		LEAD: (10) [40CFR 63 Subpart X, #01, 1-29-1999]; PM: (9) [RULE 405, 2-7-1986]	D323.1
CONVEYOR, BELT, APRON TYPE A/N: 374176	D112	C156 C157		LEAD: (10) [40CFR 63 Subpart X, #01, 1-29-1999]; PM: (9) [RULE 405, 2-7-1986]	D323.1
CONVEYOR, SCREW, BACKUP A/N: 374176	D151	C156 C157		LEAD: (10) [40CFR 63 Subpart X, #01, 1-29-1999]; PM: (9) [RULE 405, 2-7-1986]	D323.1
CONVEYOR, BELT, WEIGHING A/N: 374176	D113	C156 C157		LEAD: (10) [40CFR 63 Subpart X, #01, 1-29-1999]; PM: (9) [RULE 405, 2-7-1986]	D323.1
CONVEYOR, SCREW, DRYER CHARGING A/N: 374176	D114	C143		LEAD: (10) [40CFR 63 Subpart X, #01, 1-29-1999]; PM: (9) [RULE 405, 2-7-1986]	D323.1

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|---|---|
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 (3) Denotes RECLAIM concentration limit
 (5) (5A) (5B) Denotes command and control emission limit
 (7) Denotes NSR applicability limit
 (9) See App B for Emission Limits</p> | <p>(2) (2A) (2B) Denotes RECLAIM emission rate
 (4) Denotes BACT emission limit
 (6) Denotes air toxic control rule limit
 (8) (8A) (8B) Denotes 40 CFR limit (e.g. NSPS, NESHAPS, etc.)
 (10) See section J for NESHAP/MACT requirements</p> |
|---|---|

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Process 1: SECONDARY METALS, LEAD SMELTING PROCESS					
DRYER, ROTARY, NATURAL GAS, FEED DRYING, 8 MMBTU/HR A/N: 374176	D115	C143	NOX: PROCESS UNIT**; SOX: PROCESS UNIT**	CO: 2000 PPMV (5) [RULE 407, 4-2-1982]; LEAD: (10) [40CFR 63 Subpart X, #01, 1-29-1999]; NOX: 130 LBS/MMSCF NATURAL GAS (1) [RULE 2012, 12-7-1995; RULE 2012, 4-9-1999]; PM: (9) [RULE 405, 2-7-1986]; PM: 0.1 GRAINS/SCF (5) [RULE 409, 8-7-1981]; SOX: 0.005 LBS/TON MATERIAL (1) [RULE 2011, 12-7-1995; RULE 2011, 4-9-1999]	B295.1, C6.1, D12.8, D323.1, H116.2, K67.10
CONVEYOR, SCREW, DRYER DISCHARGE A/N: 374176	D116	C143		LEAD: (10) [40CFR 63 Subpart X, #01, 1-29-1999]; PM: (9) [RULE 405, 2-7-1986]	D323.1
CYCLONE, HEIGHT: 17 FT 7 IN; DIAMETER: 5 FT 10 IN A/N:	C143	D114 D115 D116 C144		LEAD: (10) [40CFR 63 Subpart X, #01, 1-29-1999]; PM: (9) [RULE 405, 2-7-1986]	D323.1
BAGHOUSE, WITH 100-H.P. BLOWER, WITH EXPANDED TEFLON MEMBRANE BAGS WITH TEFLON SUBSTRATES, 5881 SQ.FT.; 312 BAGS A/N:	C144	C143 S145		LEAD: (10) [40CFR 63 Subpart X, #01, 1-29-1999]; PM: (9) [RULE 404, 2-7-1986]	C6.2, D12.5, D12.6, D381.1, E102.1, E193.1, H116.1, H116.2, H116.4, K67.2
INJECTOR, SIDEWALL WATER SPRAY, WITH 2 FLAMEX F180 NOZZLES, WITH SPARK ARRESTOR CONTROLLER, FLAMEX FMZ4100GAB24, A BATTERY BACK-UP, 8 FUX 3001-E OPTICAL IR SPARK DETECTORS A/N:	B176				E448.6

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|---|---|
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 (7) Denotes NSR applicability limit
 (9) See App B for Emission Limits</p> | <p>(2) (2A) (2B) Denotes RECLAIM emission rate
 (4) Denotes BACT emission limit
 (6) Denotes air toxic control rule limit
 (8) (8A) (8B) Denotes 40 CFR limit (e.g. NSPS, NESHAPS, etc.)
 (10) See section J for NESHAP/MACT requirements</p> |
|---|---|

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Process 1: SECONDARY METALS, LEAD SMELTING PROCESS					
STACK, HEIGHT: 69 FT ; DIAMETER: 3 FT A/N:	S145	C144			D381.1
ENCLOSURE, BUILDING, ROTARY DRYER FURNACE, 15 FT W. X 45 FT L. X 17 FT H., APPROXIMATE DIMENSIONS A/N: 501059	C177	C46		LEAD: (10) [40CFR 63 Subpart X, #01, 1-29-1999]; PM: (9) [RULE 405, 2-7-1986]	E448.3
System 3: LEAD SMELTING SYSTEM					
FEEDER, RAM TYPE A/N: 374176	D117	C38 C39 C47		LEAD: (10) [40CFR 63 Subpart X, #01, 1-29-1999]; PM: (9) [RULE 405, 2-7-1986]	D323.1
FEEDER, RAM TYPE A/N: 374176	D118	C38 C39 C47		LEAD: (10) [40CFR 63 Subpart X, #01, 1-29-1999]; PM: (9) [RULE 405, 2-7-1986]	D323.1
FURNACE, REVERBATORY, NATURAL GAS, LEAD ACID BATTERY SCRAP, 30 MMBTU/HR A/N: 374176	D119	C38 C39 D135	NOX: MAJOR SOURCE**; SOX: PROCESS UNIT**	CO: 2000 PPMV (5) [RULE 407, 4-2-1982]; LEAD: (10) [40CFR 63 Subpart X, #01, 1-29-1999]; PM: (9) [RULE 405, 2-7-1986]; PM: 0.022 GRAINS/SCF (8A) [40CFR 60 Subpart L, 12-3-1976]; PM: 0.1 GRAINS/SCF (5) [RULE 409, 8-7-1981]; SOX: 3.47 PPMV (3) [RULE 2011, 12-7-1995; RULE 2011, 4-9-1999]	A63.2, B59.1, B163.1, C1.3, C1.4, C303.1, D12.2, D12.3, D12.4, D12.8, D323.1, H116.2, K67.11
TAPPING PORT, LEAD A/N: 374176	D120	C38 C39 C47		LEAD: (10) [40CFR 63 Subpart X, #01, 1-29-1999]; PM: (9) [RULE 405, 2-7-1986]	D323.1
LAUNDER, LEAD, REVERB TAP A/N: 374176	D121	C38 C39 C47		LEAD: (10) [40CFR 63 Subpart X, #01, 1-29-1999]; PM: (9) [RULE 405, 2-7-1986]	D323.1

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 (3) Denotes RECLAIM concentration limit
 (4) Denotes BACT emission limit
 (5) (5A) (5B) Denotes command and control emission limit
 (6) Denotes air toxic control rule limit
 (7) Denotes NSR applicability limit
 (8) (8A) (8B) Denotes 40 CFR limit (e.g. NSPS, NESHAPS, etc.)
 (9) See App B for Emission Limits
 (10) See section J for NESHAP/MACT requirements

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Process 1: SECONDARY METALS, LEAD SMELTING PROCESS					
LAUNDER, LEAD, REVERB TAP A/N: 374176	D122	C38 C39 C47		LEAD: (10) [40CFR 63 Subpart X, #01, 1-29-1999]; PM: (9) [RULE 405, 2-7-1986]	D323.1
LAUNDER, LEAD, REVERB TAP A/N: 374176	D123	C38 C39 C47		LEAD: (10) [40CFR 63 Subpart X, #01, 1-29-1999]; PM: (9) [RULE 405, 2-7-1986]	D323.1
TAPPING PORT, LEAD SLAG A/N: 374176	D124	C38 C39 C47		LEAD: (10) [40CFR 63 Subpart X, #01, 1-29-1999]; PM: (9) [RULE 405, 2-7-1986]	D323.1
FUGITIVE EMISSIONS, MISCELLANEOUS, SLAG HANDLING SYSTEM A/N: 374176	D125	C38 C39 C47		LEAD: (10) [40CFR 63 Subpart X, #01, 1-29-1999]; PM: (9) [RULE 405, 2-7-1986]	D323.1
System 4: LEAD SLAG PROCESSING SYSTEM					
HOPPER, WEIGH, CUPOLA FURNACE FEED A/N: 374225	D126	C48		LEAD: (10) [40CFR 63 Subpart X, #01, 1-29-1999]; PM: (9) [RULE 405, 2-7-1986]	D323.1
HOPPER, CUPOLA FURNACE FEED, EMERGENCY A/N: 374225	D127			LEAD: (10) [40CFR 63 Subpart X, #01, 1-29-1999]; PM: (9) [RULE 405, 2-7-1986]	D323.1
FURNACE, CUPOLA, COKE, NATURAL GAS, LEAD SLAG AND LEAD ACID BATTERY SCRAP, 4 MMBTU/HR A/N: 374225	D128	C38 C39 C44	NOX: MAJOR SOURCE**; SOX: PROCESS UNIT**	CO: 2000 PPMV (5) [RULE 407, 4-2-1982]; LEAD: (10) [40CFR 63 Subpart X, #01, 1-29-1999]; PM: (9) [RULE 405, 2-7-1986]; PM: 0.022 GRAINS/SCF (8A) [40CFR 60 Subpart L, 12-3-1976]; PM: 0.1 GRAINS/SCF (5) [RULE 409, 8-7-1981]; SOX: 3.47 PPMV (3) [RULE 2011, 12-7-1995; RULE 2011, 4-9-1999]	A63.2, B59.2, B163.2, C1.2, D323.1, H116.2, K67.5

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Process 1: SECONDARY METALS, LEAD SMELTING PROCESS					
TAPPING PORT, LEAD A/N: 374225	D129	C38 C39 C46		LEAD: (10) [40CFR 63 Subpart X, #01, 1-29-1999]; PM: (9) [RULE 405, 2-7-1986]	D323.1
LAUNDER, LEAD, CUPOLA TAP A/N: 374225	D130	C38 C39 C46		LEAD: (10) [40CFR 63 Subpart X, #01, 1-29-1999]; PM: (9) [RULE 405, 2-7-1986]	D323.1
LAUNDER, LEAD, CUPOLA TAP A/N: 374225	D131	C38 C39 C46		LEAD: (10) [40CFR 63 Subpart X, #01, 1-29-1999]; PM: (9) [RULE 405, 2-7-1986]	D323.1
TAPPING PORT, LEAD SLAG A/N: 374225	D132	C38 C39 C46		LEAD: (10) [40CFR 63 Subpart X, #01, 1-29-1999]; PM: (9) [RULE 405, 2-7-1986]	D323.1
FUGITIVE EMISSIONS, MISCELLANEOUS, CUPOLA FURNACE THIMBLE A/N: 374225	D133	C38 C39 C46		LEAD: (10) [40CFR 63 Subpart X, #01, 1-29-1999]; PM: (9) [RULE 405, 2-7-1986]	D323.1
System 5: LEAD METAL REFINING SYSTEM					

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|---|---|
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Process 1: SECONDARY METALS, LEAD SMELTING PROCESS					
FURNACE, POT, NO. 1, NATURAL GAS, HARD LEAD, 2.5 MMBTU/HR A/N:	D7	C38 C39 C46 C156 C157	NOX: PROCESS UNIT**; SOX: PROCESS UNIT**	CO: 2000 PPMV (5) [RULE 407, 4-2-1982]; LEAD: (10) [40CFR 63 Subpart X, #01, 1-29-1999]; NOX: 0.017 LBS/LB MATERIAL (1) [RULE 2012, 5-6-2005]; NOX: 0.077 LBS/LB MATERIAL (1A) [RULE 2012, 5-6-2005]; NOX: 130 LBS/MMSCF NATURAL GAS (1) [RULE 2012, 5-6-2005]; PM: (9) [RULE 405, 2-7-1986]; PM: 0.1 GRAINS/SCF (5) [RULE 409, 8-7-1981]; SOX: 0.133 LBS/LB MATERIAL (1) [RULE 2011, 5-6-2005]; SOX: 0.83 LBS/MMSCF NATURAL GAS (1) [RULE 2011, 5-6-2005]	A63.2, B295.2, B295.3, D12.8, D323.1, E71.1, E448.7, H116.2
HOPPER, DUMP, DROSS A/N:	D8	C38 C39 C46		LEAD: (10) [40CFR 63 Subpart X, #01, 1-29-1999]; PM: (9) [RULE 405, 2-7-1986]	D323.1

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Process 1: SECONDARY METALS LEAD SMELTING PROCESS					
FURNACE, POT, NO. 2, NATURAL GAS, HARD LEAD, 2.5 MMBTU/HR A/N:	D9	C38 C39 C46 C156 C157	NOX: PROCESS UNIT**; SOX: PROCESS UNIT**	CO: 2000 PPMV (5) [RULE 407, 4-2-1982]; LEAD: (10) [40CFR 63 Subpart X, #01, 1-29-1999]; NOX: 0.017 LBS/LB MATERIAL (1) [RULE 2012, 5-6-2005]; NOX: 0.077 LBS/LB MATERIAL (1A) [RULE 2012, 5-6-2005]; NOX: 130 LBS/MMSCF NATURAL GAS (1) [RULE 2012, 5-6-2005]; PM: (9) [RULE 405, 2-7-1986]; PM: 0.1 GRAINS/SCF (5) [RULE 409, 8-7-1981]; SOX: 0.133 LBS/LB MATERIAL (1) [RULE 2011, 5-6-2005]; SOX: 0.83 LBS/MMSCF NATURAL GAS (1) [RULE 2011, 5-6-2005]	A63.2, B295.2, B295.3, D12.8, D323.1, E71.1, E448.7, H116.2
HOPPER, DUMP, DROSS A/N:	D10	C38 C39 C46		LEAD: (10) [40CFR 63 Subpart X, #01, 1-29-1999]; PM: (9) [RULE 405, 2-7-1986]	D323.1

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Process 1: SECONDARY METALS, LEAD SMELTING PROCESS					
FURNACE, POT, NO. 3, NATURAL GAS, HARD LEAD, 2.5 MMBTU/HR A/N:	D11	C38 C39 C46 C156 C157	NOX: PROCESS UNIT**; SOX: PROCESS UNIT**	CO: 2000 PPMV (5) [RULE 407, 4-2-1982]; LEAD: (10) [40CFR 63 Subpart X, #01, 1-29-1999]; NOX: 0.017 LBS/LB MATERIAL (1) [RULE 2012, 5-6-2005]; NOX: 0.077 LBS/LB MATERIAL (1A) [RULE 2012, 5-6-2005]; NOX: 130 LBS/MMSCF NATURAL GAS (1) [RULE 2012, 5-6-2005]; PM: (9) [RULE 405, 2-7-1986]; PM: 0.1 GRAINS/SCF (5) [RULE 409, 8-7-1981]; SOX: 0.133 LBS/LB MATERIAL (1) [RULE 2011, 5-6-2005]; SOX: 0.83 LBS/MMSCF NATURAL GAS (1) [RULE 2011, 5-6-2005]	A63.2, B295.2, B295.3, D12.8, D323.1, E71.1, E448.7, H116.2
HOPPER, DUMP, DROSS A/N:	D12	C38 C39 C46		LEAD: (10) [40CFR 63 Subpart X, #01, 1-29-1999]; PM: (9) [RULE 405, 2-7-1986]	D323.1

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Process 1: SECONDARY METALS, LEAD SMELTING PROCESS					
FURNACE, POT, NO. 4, NATURAL GAS, HARD LEAD, 2.5 MMBTU/HR A/N:	D13	C38 C39 C46 C156 C157	NOX: PROCESS UNIT**; SOX: PROCESS UNIT**	CO: 2000 PPMV (5) [RULE 407, 4-2-1982]; LEAD: (10) [40CFR 63 Subpart X, #01, 1-29-1999]; NOX: 0.017 LBS/LB MATERIAL (1) [RULE 2012, 5-6-2005]; NOX: 0.077 LBS/LB MATERIAL (1A) [RULE 2012, 5-6-2005]; NOX: 130 LBS/MMSCF NATURAL GAS (1) [RULE 2012, 5-6-2005]; PM: (9) [RULE 405, 2-7-1986]; PM: 0.1 GRAINS/SCF (5) [RULE 409, 8-7-1981]; SOX: 0.133 LBS/LB MATERIAL (1) [RULE 2011, 5-6-2005]; SOX: 0.83 LBS/MMSCF NATURAL GAS (1) [RULE 2011, 5-6-2005]	A63.2, B295.2, B295.3, D12.8, D323.1, E71.1, E448.7, H116.2
HOPPER, DUMP, DROSS A/N:	D14	C38 C39 C46		LEAD: (10) [40CFR 63 Subpart X, #01, 1-29-1999]; PM: (9) [RULE 405, 2-7-1986]	D323.1

* (1) (1A) (1B) Denotes RECLAIM emission factor
 (3) Denotes RECLAIM concentration limit
 (5) (5A) (5B) Denotes command and control emission limit
 (7) Denotes NSR applicability limit
 (9) See App B for Emission Limits
 (2) (2A) (2B) Denotes RECLAIM emission rate
 (4) Denotes BACT emission limit
 (6) Denotes air toxic control rule limit
 (8) (8A) (8B) Denotes 40 CFR limit (e.g. NSPS, NESHAPS, etc.)
 (10) See section J for NESHAP/MACT requirements

** Refer to section F and G of this permit to determine the monitoring, recordkeeping and reporting requirements for this device.

FACILITY PERMIT TO OPERATE EXIDE TECHNOLOGIES

SECTION D: FACILITY DESCRIPTION AND EQUIPMENT SPECIFIC CONDITIONS

The operator shall comply with the terms and conditions set forth below:

Equipment	ID No.	Connected To	RECLAIM Source Type/ Monitoring Unit	Emissions* And Requirements	Conditions
Process 1: SECONDARY METALS, LEAD SMELTING PROCESS					
FURNACE, POT, NO. 5, NATURAL GAS, SPECIALTY LEAD, 2.5 MMBTU/HR A/N:	D15	C38 C39 C46 C156 C157	NOX: PROCESS UNIT**; SOX: PROCESS UNIT**	CO: 2000 PPMV (5) [RULE 407, 4-2-1982]; LEAD: (10) [40CFR 63 Subpart X, #01, 1-29-1999]; NOX: 0.017 LBS/LB MATERIAL (1) [RULE 2012, 5-6-2005]; NOX: 0.077 LBS/LB MATERIAL (1A) [RULE 2012, 5-6-2005]; NOX: 130 LBS/MMSCF NATURAL GAS (1) [RULE 2012, 5-6-2005]; PM: (9) [RULE 405, 2-7-1986]; PM: 0.1 GRAINS/SCF (5) [RULE 409, 8-7-1981]; SOX: 0.133 LBS/LB MATERIAL (1) [RULE 2011, 5-6-2005]; SOX: 0.83 LBS/MMSCF NATURAL GAS (1) [RULE 2011, 5-6-2005]	A63.2, B295.2, B295.3, D12.8, D323.1, E71.1, E448.7, H116.2
HOPPER, DUMP, DROSS A/N:	D16	C38 C39 C46		LEAD: (10) [40CFR 63 Subpart X, #01, 1-29-1999]; PM: (9) [RULE 405, 2-7-1986]	D323.1

* (1) (1A) (1B) Denotes RECLAIM emission factor
 (3) Denotes RECLAIM concentration limit
 (5) (5A) (5B) Denotes command and control emission limit
 (7) Denotes NSR applicability limit
 (9) See App B for Emission Limits
 (2) (2A) (2B) Denotes RECLAIM emission rate
 (4) Denotes BACT emission limit
 (6) Denotes air toxic control rule limit
 (8) (8A) (8B) Denotes 40 CFR limit (e.g. NSPS, NESHAPS, etc.)
 (10) See section J for NESHAP/MACT requirements

** Refer to section F and G of this permit to determine the monitoring, recordkeeping and reporting requirements for this device.

FACILITY PERMIT TO OPERATE EXIDE TECHNOLOGIES

SECTION D: FACILITY DESCRIPTION AND EQUIPMENT SPECIFIC CONDITIONS

The operator shall comply with the terms and conditions set forth below:

Equipment	ID No.	Connected To	RECLAIM Source Type/ Monitoring Unit	Emissions * And Requirements	Conditions
Process 1: SECONDARY METALS LEAD SMELTING PROCESS					
FURNACE, POT, A, NATURAL GAS, HARD LEAD, 2.5 MMBTU/HR A/N:	D17	C38 C39 C46 C156 C157	NOX: PROCESS UNIT** SOX: PROCESS UNIT**	CO: 2000 PPMV (5) [RULE 407, 4-2-1982]; LEAD: (10) [40CFR 63 Subpart X, #01, 1-29-1999]; NOX: 0.017 LBS/LB MATERIAL (1) [RULE 2012, 5-6-2005]; NOX: 0.077 LBS/LB MATERIAL (1A) [RULE 2012, 5-6-2005]; NOX: 130 LBS/MMSCF NATURAL GAS (1) [RULE 2012, 5-6-2005]; PM: (9) [RULE 405, 2-7-1986]; PM: 0.1 GRAINS/SCF (5) [RULE 409, 8-7-1981]; SOX: 0.133 LBS/LB MATERIAL (1) [RULE 2011, 5-6-2005]; SOX: 0.83 LBS/MMSCF NATURAL GAS (1) [RULE 2011, 5-6-2005]	A63.2, B295.2, B295.3, D12.8, D323.1, E71.1, E448.7, H116.2
HOPPER, DUMP, DROSS A/N:	D18	C38 C39 C46		LEAD: (10) [40CFR 63 Subpart X, #01, 1-29-1999]; PM: (9) [RULE 405, 2-7-1986]	D323.1

* (1) (1A) (1B) Denotes RECLAIM emission factor (2) (2A) (2B) Denotes RECLAIM emission rate
 (3) Denotes RECLAIM concentration limit (4) Denotes BACT emission limit
 (5) (5A) (5B) Denotes command and control emission limit (6) Denotes air toxic control rule limit
 (7) Denotes NSR applicability limit (8) (8A) (8B) Denotes 40 CFR limit (e.g. NSPS, NESHAPS, etc.)
 (9) See App B for Emission Limits (10) See section J for NESHAP/MACT requirements

** Refer to section F and G of this permit to determine the monitoring, recordkeeping and reporting requirements for this device.

FACILITY PERMIT TO OPERATE EXIDE TECHNOLOGIES

SECTION D: FACILITY DESCRIPTION AND EQUIPMENT SPECIFIC CONDITIONS

The operator shall comply with the terms and conditions set forth below:

Equipment	ID No.	Connected To	RECLAIM Source Type/ Monitoring Unit	Emissions * And Requirements	Conditions
Process 1: SECONDARY METALS LEAD SMELTING PROCESS					
FURNACE, POT, B, NATURAL GAS, HARD LEAD, 2.5 MMBTU/HR A/N:	D19	C38 C39 C46 C156 C157	NOX: PROCESS UNIT**; SOX: PROCESS UNIT**	CO: 2000 PPMV (5) [RULE 407, 4-2-1982]; LEAD: (10) [40CFR 63 Subpart X, #01, 1-29-1999]; NOX: 0.017 LBS/LB MATERIAL (1) [RULE 2012, 5-6-2005]; NOX: 0.077 LBS/LB MATERIAL (1A) [RULE 2012, 5-6-2005]; NOX: 130 LBS/MMSCF NATURAL GAS (1) [RULE 2012, 5-6-2005]; PM: (9) [RULE 405, 2-7-1986]; PM: 0.1 GRAINS/SCF (5) [RULE 409, 8-7-1981]; SOX: 0.133 LBS/LB MATERIAL (1) [RULE 2011, 5-6-2005]; SOX: 0.83 LBS/MMSCF NATURAL GAS (1) [RULE 2011, 5-6-2005]	A63.2, B295.2, B295.3, D12.8, D323.1, E71.1, E448.7, H116.2
HOPPER, DUMP, DROSS A/N:	D20	C38 C39 C46		LEAD: (10) [40CFR 63 Subpart X, #01, 1-29-1999]; PM: (9) [RULE 405, 2-7-1986]	D323.1

* (1) (1A) (1B) Denotes RECLAIM emission factor
 (3) Denotes RECLAIM concentration limit
 (5) (5A) (5B) Denotes command and control emission limit
 (7) Denotes NSR applicability limit
 (9) See App B for Emission Limits
 (2) (2A) (2B) Denotes RECLAIM emission rate
 (4) Denotes BACT emission limit
 (6) Denotes air toxic control rule limit
 (8) (8A) (8B) Denotes 40 CFR limit (e.g. NSPS, NESHAPS, etc.)
 (10) See section J for NESHAP/MACT requirements

** Refer to section F and G of this permit to determine the monitoring, recordkeeping and reporting requirements for this device.

FACILITY PERMIT TO OPERATE EXIDE TECHNOLOGIES

SECTION D: FACILITY DESCRIPTION AND EQUIPMENT SPECIFIC CONDITIONS

The operator shall comply with the terms and conditions set forth below:

Equipment	ID No.	Connected To	RECLAIM Source Type/ Monitoring Unit	Emissions * And Requirements	Conditions
Process 1: SECONDARY METALS, LEAD SMELTING PROCESS					
FURNACE, POT, NO. 6, NATURAL GAS, SOFT LEAD, 2.5 MMBTU/HR A/N: 496426	D24	C38 C39 C47 C156 C157	NOX: PROCESS UNIT**; SOX: PROCESS UNIT**	CO: 2000 PPMV (5) [RULE 407, 4-2-1982]; LEAD: (10) [40CFR 63 Subpart X, #01, 1-29-1999]; NOX: 0.017 LBS/LB MATERIAL (1) [RULE 2012, 12-7-1995; RULE 2012, 4-9-1999]; NOX: 130 LBS/MMSCF NATURAL GAS (1) [RULE 2012, 12-7-1995; RULE 2012, 4-9-1999]; PM: (9) [RULE 405, 2-7-1986]; PM: 0.1 GRAINS/SCF (5) [RULE 409, 8-7-1981]; SOX: 0.133 LBS/LB MATERIAL (1) [RULE 2011, 12-7-1995; RULE 2011, 4-9-1999]; SOX: 0.83 LBS/MMSCF NATURAL GAS (1) [RULE 2011, 12-7-1995; RULE 2011, 4-9-1999]	A63.2, B295.2, B295.3, D12.8, D323.1, E71.1, E448.7, H116.2
HOPPER, DUMP, DROSS A/N: 496426	D25	C38 C39 C47		LEAD: (10) [40CFR 63 Subpart X, #01, 1-29-1999]; PM: (9) [RULE 405, 2-7-1986]	D323.1

* (1) (1A) (1B) Denotes RECLAIM emission factor (2) (2A) (2B) Denotes RECLAIM emission rate
 (3) Denotes RECLAIM concentration limit (4) Denotes BACT emission limit
 (5) (5A) (5B) Denotes command and control emission limit (6) Denotes air toxic control rule limit
 (7) Denotes NSR applicability limit (8) (8A) (8B) Denotes 40 CFR limit (e.g. NSPS, NESHAPS, etc.)
 (9) See App B for Emission Limits (10) See section J for NESHAP/MACT requirements

** Refer to section F and G of this permit to determine the monitoring, recordkeeping and reporting requirements for this device.

FACILITY PERMIT TO OPERATE EXIDE TECHNOLOGIES

SECTION D: FACILITY DESCRIPTION AND EQUIPMENT SPECIFIC CONDITIONS

The operator shall comply with the terms and conditions set forth below:

Equipment	ID No.	Connected To	RECLAIM Source Type/ Monitoring Unit	Emissions* And Requirements	Conditions
Process 1: SECONDARY METALS, LEAD SMELTING PROCESS					
FURNACE, POT, NO. 7, NATURAL GAS, SOFT LEAD, 2.5 MMBTU/HR A/N: 496428	D26	C38 C39 C47 C156 C157	NOX: PROCESS UNIT**; SOX: PROCESS UNIT**	CO: 2000 PPMV (5) [RULE 407, 4-2-1982]; LEAD: (10) [40CFR 63 Subpart X, #01, 1-29-1999]; NOX: 0.017 LBS/LB MATERIAL (1) [RULE 2012, 12-7-1995; RULE 2012, 4-9-1999]; NOX: 130 LBS/MMSCF NATURAL GAS (1) [RULE 2012, 12-7-1995; RULE 2012, 4-9-1999]; PM: (9) [RULE 405, 2-7-1986]; PM: 0.1 GRAINS/SCF (5) [RULE 409, 8-7-1981]; SOX: 0.133 LBS/LB MATERIAL (1) [RULE 2011, 12-7-1995; RULE 2011, 4-9-1999]; SOX: 0.83 LBS/MMSCF NATURAL GAS (1) [RULE 2011, 12-7-1995; RULE 2011, 4-9-1999]	A63.2, B295.2, B295.3, D12.8, D323.1, E71.1, E448.7, H116.2
HOPPER, DUMP, DROSS A/N: 496428	D27	C38 C39 C47		LEAD: (10) [40CFR 63 Subpart X, #01, 1-29-1999]; PM: (9) [RULE 405, 2-7-1986]	D323.1

* (1) (1A) (1B) Denotes RECLAIM emission factor
 (3) Denotes RECLAIM concentration limit
 (5) (5A) (5B) Denotes command and control emission limit
 (7) Denotes NSR applicability limit
 (9) See App B for Emission Limits
 (2) (2A) (2B) Denotes RECLAIM emission rate
 (4) Denotes BACT emission limit
 (6) Denotes air toxic control rule limit
 (8) (8A) (8B) Denotes 40 CFR limit (e.g. NSPS, NESHAPS, etc.)
 (10) See section J for NESHAP/MACT requirements

** Refer to section F and G of this permit to determine the monitoring, recordkeeping and reporting requirements for this device.

FACILITY PERMIT TO OPERATE EXIDE TECHNOLOGIES

SECTION D: FACILITY DESCRIPTION AND EQUIPMENT SPECIFIC CONDITIONS

The operator shall comply with the terms and conditions set forth below:

Equipment	ID No.	Connected To	RECLAIM Source Type/ Monitoring Unit	Emissions * And Requirements	Conditions
Process 1: SECONDARY METALS LEAD SMELTING PROCESS					
FURNACE, POT, NO. 8, NATURAL GAS, SOFT LEAD, 2.5 MMBTU/HR A/N: 496429	D28	C38 C39 C47 C156 C157	NOX: PROCESS UNIT**; SOX: PROCESS UNIT**	CO: 2000 PPMV (5) [RULE 407, 4-2-1982]; LEAD: (10) [40CFR 63 Subpart X, #01, 1-29-1999]; NOX: 0.017 LBS/LB MATERIAL (1) [RULE 2012, 12-7-1995; RULE 2012, 4-9-1999]; NOX: 130 LBS/MMSCF NATURAL GAS (1) [RULE 2012, 12-7-1995; RULE 2012, 4-9-1999]; PM: (9) [RULE 405, 2-7-1986]; PM: 0.1 GRAINS/SCF (5) [RULE 409, 8-7-1981]; SOX: 0.133 LBS/LB MATERIAL (1) [RULE 2011, 12-7-1995; RULE 2011, 4-9-1999]; SOX: 0.83 LBS/MMSCF NATURAL GAS (1) [RULE 2011, 12-7-1995; RULE 2011, 4-9-1999]	A63.2, B295.2, B295.3, D12.8, D323.1, E71.1, E448.7, H116.2
HOPPER, DUMP, DROSS A/N: 496429	D29	C38 C39 C47		LEAD: (10) [40CFR 63 Subpart X, #01, 1-29-1999]; PM: (9) [RULE 405, 2-7-1986]	D323.1

* (1) (1A) (1B) Denotes RECLAIM emission factor (2) (2A) (2B) Denotes RECLAIM emission rate
 (3) Denotes RECLAIM concentration limit (4) Denotes BACT emission limit
 (5) (5A) (5B) Denotes command and control emission limit (6) Denotes air toxic control rule limit
 (7) Denotes NSR applicability limit (8) (8A) (8B) Denotes 40 CFR limit (e.g. NSPS, NESHAPS, etc.)
 (9) See App B for Emission Limits (10) See section J for NESHAP/MACT requirements

** Refer to section F and G of this permit to determine the monitoring, recordkeeping and reporting requirements for this device.

FACILITY PERMIT TO OPERATE EXIDE TECHNOLOGIES

SECTION D: FACILITY DESCRIPTION AND EQUIPMENT SPECIFIC CONDITIONS

The operator shall comply with the terms and conditions set forth below:

Equipment	ID No.	Connected To	RECLAIM Source Type/ Monitoring Unit	Emissions* And Requirements	Conditions
Process 1: SECONDARY METALS, LEAD SMELTING PROCESS					
FURNACE, POT, NO. 9, NATURAL GAS, SOFT LEAD, 2.5 MMBTU/HR A/N: 496432	D30	C38 C39 C47 C156 C157	NOX: PROCESS UNIT**; SOX: PROCESS UNIT**	CO: 2000 PPMV (5) [RULE 407, 4-2-1982]; LEAD: (10) [40CFR 63 Subpart X, #01, 1-29-1999]; NOX: 0.017 LBS/LB MATERIAL (1) [RULE 2012, 12-7-1995; RULE 2012, 4-9-1999]; NOX: 130 LBS/MMSCF NATURAL GAS (1) [RULE 2012, 12-7-1995; RULE 2012, 4-9-1999]; PM: (9) [RULE 405, 2-7-1986]; PM: 0.1 GRAINS/SCF (5) [RULE 409, 8-7-1981]; SOX: 0.133 LBS/LB MATERIAL (1) [RULE 2011, 12-7-1995; RULE 2011, 4-9-1999]; SOX: 0.83 LBS/MMSCF NATURAL GAS (1) [RULE 2011, 12-7-1995; RULE 2011, 4-9-1999]	A63.2, B295.2, B295.3, D12.8, D323.1, E71.1, E448.7, H116.2
HOPPER, DUMP, DROSS A/N: 496432	D31	C38 C39 C47		LEAD: (10) [40CFR 63 Subpart X, #01, 1-29-1999]; PM: (9) [RULE 405, 2-7-1986]	D323.1

* (1) (1A) (1B) Denotes RECLAIM emission factor
 (3) Denotes RECLAIM concentration limit
 (5) (5A) (5B) Denotes command and control emission limit
 (7) Denotes NSR applicability limit
 (9) See App B for Emission Limits
 (2) (2A) (2B) Denotes RECLAIM emission rate
 (4) Denotes BACT emission limit
 (6) Denotes air toxic control rule limit
 (8) (8A) (8B) Denotes 40 CFR limit (e.g. NSPS, NESHAPS, etc.)
 (10) See section J for NESHAP/MACT requirements

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FACILITY PERMIT TO OPERATE EXIDE TECHNOLOGIES

SECTION D: FACILITY DESCRIPTION AND EQUIPMENT SPECIFIC CONDITIONS

The operator shall comply with the terms and conditions set forth below:

Equipment	ID No.	Connected To	RECLAIM Source Type/ Monitoring Unit	Emissions * And Requirements	Conditions
Process J: SECONDARY METALS, LEAD SMELTING PROCESS					
FURNACE, POT, G, NATURAL GAS, SOFT LEAD, 2.5 MMBTU/HR A/N:	D32	C38 C39 C47 C156 C157	NOX: PROCESS UNIT**; SOX: PROCESS UNIT**	CO: 2000 PPMV (5) [RULE 407, 4-2-1982]; LEAD: (10) [40CFR 63 Subpart X, #01, 1-29-1999]; NOX: 0.017 LBS/LB MATERIAL (1) [RULE 2012, 5-6-2005]; NOX: 0.077 LBS/LB MATERIAL (1A) [RULE 2012, 5-6-2005]; NOX: 130 LBS/MMSCF NATURAL GAS (1) [RULE 2012, 5-6-2005]; PM: (9) [RULE 405, 2-7-1986]; PM: 0.1 GRAINS/SCF (5) [RULE 409, 8-7-1981]; SOX: 0.133 LBS/LB MATERIAL (1) [RULE 2011, 5-6-2005]; SOX: 0.83 LBS/MMSCF NATURAL GAS (1) [RULE 2011, 5-6-2005]	A63.2, B295.2, B295.3, D12.8, D323.1, E71.1, E448.7, H116.2
HOPPER, DUMP, DROSS A/N:	D33	C38 C39 C47		LEAD: (10) [40CFR 63 Subpart X, #01, 1-29-1999]; PM: (9) [RULE 405, 2-7-1986]	D323.1

* (1) (1A) (1B) Denotes RECLAIM emission factor (2) (2A) (2B) Denotes RECLAIM emission rate
 (3) Denotes RECLAIM concentration limit (4) Denotes BACT emission limit
 (5) (5A) (5B) Denotes command and control emission limit (6) Denotes air toxic control rule limit
 (7) Denotes NSR applicability limit (8) (8A) (8B) Denotes 40 CFR limit (e.g. NSPS, NESHAPS, etc.)
 (9) See App B for Emission Limits (10) See section J for NESHAP/MACT requirements

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FACILITY PERMIT TO OPERATE EXIDE TECHNOLOGIES

SECTION D: FACILITY DESCRIPTION AND EQUIPMENT SPECIFIC CONDITIONS

The operator shall comply with the terms and conditions set forth below:

Equipment	ID No.	Connected To	RECLAIM Source Type/ Monitoring Unit	Emissions* And Requirements	Conditions
Process 1: SECONDARY METALS, LEAD SMELTING PROCESS					
FURNACE, POT, E, NATURAL GAS, SOFT LEAD, 2.5 MMBTU/HR A/N:	D34	C38 C39 C47 C156 C157	NOX: PROCESS UNIT**; SOX: PROCESS UNIT**	CO: 2000 PPMV (5) [RULE 407, 4-2-1982]; LEAD: (10) [40CFR 63 Subpart X, #01, 1-29-1999]; NOX: 0.017 LBS/LB MATERIAL (1) [RULE 2012, 5-6-2005]; NOX: 0.077 LBS/LB MATERIAL (1A) [RULE 2012, 5-6-2005]; NOX: 130 LBS/MMSCF NATURAL GAS (1) [RULE 2012, 5-6-2005]; PM: (9) [RULE 405, 2-7-1986]; PM: 0.1 GRAINS/SCF (5) [RULE 409, 8-7-1981]; SOX: 0.133 LBS/LB MATERIAL (1) [RULE 2011, 5-6-2005]; SOX: 0.83 LBS/MMSCF NATURAL GAS (1) [RULE 2011, 5-6-2005]	A63.2, B295.2, B295.3, D12.8, D323.1, E71.1, E448.7, H116.2
HOPPER, DUMP, DROSS A/N:	D35	C38 C39 C47		LEAD: (10) [40CFR 63 Subpart X, #01, 1-29-1999]; PM: (9) [RULE 405, 2-7-1986]	D323.1

- | | |
|---|---|
| <p>* (1) (1A) (1B) Denotes RECLAIM emission factor
 (3) Denotes RECLAIM concentration limit
 (5) (5A) (5B) Denotes command and control emission limit
 (7) Denotes NSR applicability limit
 (9) See App B for Emission Limits</p> | <p>(2) (2A) (2B) Denotes RECLAIM emission rate
 (4) Denotes BACT emission limit
 (6) Denotes air toxic control rule limit
 (8) (8A) (8B) Denotes 40 CFR limit (e.g. NSPS, NESHAPS, etc.)
 (10) See section J for NESHAP/MACT requirements</p> |
|---|---|
- ** Refer to section F and G of this permit to determine the monitoring, recordkeeping and reporting requirements for this device.

FACILITY PERMIT TO OPERATE EXIDE TECHNOLOGIES

SECTION D: FACILITY DESCRIPTION AND EQUIPMENT SPECIFIC CONDITIONS

The operator shall comply with the terms and conditions set forth below:

Equipment	ID No.	Connected To	RECLAIM Source Type/ Monitoring Unit	Emissions * And Requirements	Conditions
Process 1: SECONDARY METALS, LEAD SMELTING PROCESS					
FURNACE, POT, F, NATURAL GAS, SOFT LEAD, 2.5 MMBTU/HR A/N:	D36	C38 C39 C47 C156 C157	NOX: PROCESS UNIT**; SOX: PROCESS UNIT**	CO: 2000 PPMV (5) [RULE 407, 4-2-1982]; LEAD: (10) [40CFR 63 Subpart X, #01, 1-29-1999]; NOX: 0.017 LBS/LB MATERIAL (1) [RULE 2012, 5-6-2005]; NOX: 0.077 LBS/LB MATERIAL (1A) [RULE 2012, 5-6-2005]; NOX: 130 LBS/MMSCF NATURAL GAS (1) [RULE 2012, 5-6-2005]; PM: (9) [RULE 405, 2-7-1986]; PM: 0.1 GRAINS/SCF (5) [RULE 409, 8-7-1981]; SOX: 0.133 LBS/LB MATERIAL (1) [RULE 2011, 5-6-2005]; SOX: 0.83 LBS/MMSCF NATURAL GAS (1) [RULE 2011, 5-6-2005]	A63.2, B295.2, B295.3, D12.8, D323.1, E71.1, E448.7, H116.2
HOPPER, DUMP, DROSS A/N:	D37	C38 C39 C47		LEAD: (10) [40CFR 63 Subpart X, #01, 1-29-1999]; PM: (9) [RULE 405, 2-7-1986]	D323.1
System 6: FUGITIVE DUST CONTROL SYSTEM					

* (1) (1A) (1B) Denotes RECLAIM emission factor (2) (2A) (2B) Denotes RECLAIM emission rate
 (3) Denotes RECLAIM concentration limit (4) Denotes BACT emission limit
 (5) (5A) (5B) Denotes command and control emission limit (6) Denotes air toxic control rule limit
 (7) Denotes NSR applicability limit (8) (8A) (8B) Denotes 40 CFR limit (e.g. NSPS, NESHAPS, etc.)
 (9) See App B for Emission Limits (10) See section J for NESHAP/MACT requirements

** Refer to section F and G of this permit to determine the monitoring, recordkeeping and reporting requirements for this device.

FACILITY PERMIT TO OPERATE EXIDE TECHNOLOGIES

SECTION D: FACILITY DESCRIPTION AND EQUIPMENT SPECIFIC CONDITIONS

The operator shall comply with the terms and conditions set forth below:

Equipment	ID No.	Connected To	RECLAIM Source Type/ Monitoring Unit	Emissions * And Requirements	Conditions
Process 1: SECONDARY METALS, LEAD SMELTING PROCESS					
BAGHOUSE, WITH 208 CARTRIDGE FILTERS, EACH 1 FT.-2 IN. DIA. X 2 FT.-2IN. L., NORTH TORIT, MODEL DFT-4-208, MODEL HIGH EFFICIENCY CARTRIDGE TYPE, WITH A 250 HP BLOWER AND A TRIBOELECTRIC-TYPE BROKEN BAG DETECTOR A/N:	C38	D7 D8 D9 D10 D11 D12 D13 D14 D15 D16 D17 D18 D19 D20 D24 D25 D26 D27 D28 D29 D30 D31 D32 D33 D34 D35 D36 D37 D117 D118 D119 D120 D121 D122 D123 D124 D125 D128 D129 D130 D131 D132 D133 C179		LEAD: (10) [40CFR 63 Subpart X, #01, 1-29-1999]; PM: (9) [RULE 404, 2-7-1986]	D12.1, D12.17, D381.1, E71.2, E71.3, E102.1, E193.1, H116.2, H116.4, K67.1
BAGHOUSE, WITH 208 CARTRIDGE FILTERS, EACH 1 FT.-2 IN. DIA. X 2 FT.-2IN. L., SOUTH TORIT, HIGH EFFICIENCY CARTRIDGE TYPE, MODEL DFT-4-208, WITH A 250 HP BLOWER AND A TRIBOELECTRIC-TYPE BROKEN BAG DETECTOR A/N:	C39	D7 D8 D9 D10 D11 D12 D13 D14 D15 D16 D17 D18 D19 D20 D24 D25 D26 D27 D28 D29 D30 D31 D32 D33 D34 D35 D36 D37 D117 D118 D119 D120 D121 D122 D123 D124 D125 D128 D129 D130 D131 D132 D133 C179		LEAD: (10) [40CFR 63 Subpart X, #01, 1-29-1999]; PM: (9) [RULE 404, 2-7-1986]	D12.1, D12.17, D381.1, E71.2, E71.3, E102.1, E193.1, H116.2, H116.4, K67.1

* (1) (1A) (1B) Denotes RECLAIM emission factor
 (3) Denotes RECLAIM concentration limit
 (5) (5A) (5B) Denotes command and control emission limit
 (7) Denotes NSR applicability limit
 (9) See App B for Emission Limits
 (2) (2A) (2B) Denotes RECLAIM emission rate
 (4) Denotes BACT emission limit
 (6) Denotes air toxic control rule limit
 (8) (8A) (8B) Denotes 40 CFR limit (e.g. NSPS, NESHAPS, etc.)
 (10) See section J for NESHAP/MACT requirements

** Refer to section F and G of this permit to determine the monitoring, recordkeeping and reporting requirements for this device.

FACILITY PERMIT TO OPERATE EXIDE TECHNOLOGIES

SECTION D: FACILITY DESCRIPTION AND EQUIPMENT SPECIFIC CONDITIONS

The operator shall comply with the terms and conditions set forth below:

Equipment	ID No.	Connected To	RECLAIM Source Type/ Monitoring Unit	Emissions * And Requirements	Conditions
Process 1: SECONDARY METALS, LEAD SMELTING PROCESS					
ENCLOSURE, BUILDING, SMELTING AND REFINING, 140 FT W. X 500 FT L. X 25 FT H., APPROXIMATE DIMENSIONS A/N: 501056	C179	C38 C39		LEAD: (10) [40CFR 63 Subpart X, #01, 1-29-1999]; PM: (9) [RULE 405, 2-7-1986]	E448.2
ENCLOSURE, BUILDING, SOUTH CORRIDOR, 45 FT W. X 140 FT L. X 25 FT H., APPROXIMATE DIMENSIONS A/N: 501056	C182	C156 C157		LEAD: (10) [40CFR 63 Subpart X, #01, 1-29-1999]; PM: (9) [RULE 405, 2-7-1986]	E448.3
System 7: REVERBERATORY AND CUPOLA FURNACE APCs					
TOWER, QUENCH CHAMBER, WATER SPRAY TYPE, HEIGHT: 61 FT ; DIAMETER: 10 FT WITH A/N: 374231	D135	D119 D136		LEAD: (10) [40CFR 63 Subpart X, #01, 1-29-1999]; PM: (9) [RULE 404, 2-7-1986]	D323.1
FUGITIVE EMISSIONS, MISCELLANEOUS, QUENCH CHAMBER CLEANOUT DOOR	D149	C47		LEAD: (10) [40CFR 63 Subpart X, #01, 1-29-1999]; PM: (9) [RULE 404, 2-7-1986]	D323.1
HEAT EXCHANGER, REVERB FURNACE EXHAUST GAS, A-PIPE TYPE, 49 IN. OUTSIDE DIA., 130 FT. TOTAL LENGTH A/N: 374231	D136	D135 D137		LEAD: (10) [40CFR 63 Subpart X, #01, 1-29-1999]; PM: (9) [RULE 404, 2-7-1986]	D323.1
HEAT EXCHANGER, BALLOON TYPE FLUE COOLER, SECTION 1, REVERB FURNACE EXHAUST GAS, 66 IN. W., 48 FT. L., 9 FT. H. A/N: 374231	D137	D136 D138		LEAD: (10) [40CFR 63 Subpart X, #01, 1-29-1999]; PM: (9) [RULE 404, 2-7-1986]	D323.1

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|--|---|
| * (1) (1A) (1B) Denotes RECLAIM emission factor | (2) (2A) (2B) Denotes RECLAIM emission rate |
| (3) Denotes RECLAIM concentration limit | (4) Denotes BACT emission limit |
| (5) (5A) (5B) Denotes command and control emission limit | (6) Denotes air toxic control rule limit |
| (7) Denotes NSR applicability limit | (8) (8A) (8B) Denotes 40 CFR limit (e.g. NSPS, NESHAPS, etc.) |
| (9) See App B for Emission Limits | (10) See section J for NESHAP/MACT requirements |

** Refer to section F and G of this permit to determine the monitoring, recordkeeping and reporting requirements for this device.

FACILITY PERMIT TO OPERATE EXIDE TECHNOLOGIES

SECTION D: FACILITY DESCRIPTION AND EQUIPMENT SPECIFIC CONDITIONS

The operator shall comply with the terms and conditions set forth below:

Equipment	ID No.	Connected To	RECLAIM Source Type/ Monitoring Unit	Emissions* And Requirements	Conditions
Process 1: SECONDARY METALS, LEAD SMELTING PROCESS					
HEAT EXCHANGER, BALLOON-TYPE FLUE COOLER, SECTION 2, REVERB FURNACE EXHAUST GAS, 48 IN. W., 66 FT. L., 6 FT. H. A/N: 374231	D138	C40 C41 D137		LEAD: (10) [40CFR 63 Subpart X, #01, 1-29-1999]; PM: (9) [RULE 404, 2-7-1986]	D323.1
AFTERBURNER, NATURAL GAS, WITH 20 HP COMBUSTION AIR BLOWER AND A 250 HP EXHAUST BLOWER, 10 MMBTU/HR A/N: 374180	C44	C45 D128	NOX: MAJOR SOURCE**	CO: 2000 PPMV (5) [RULE 407, 4-2-1982]; LEAD: (10) [40CFR 63 Subpart X, #01, 1-29-1999]; PM: (9) [RULE 404, 2-7-1986]; PM: 0.1 GRAINS/SCF (5) [RULE 409, 8-7-1981]	C8.1, C8.8, D323.1, H116.2, K67.8
TANK, CUPOLA JACKET COOLING, THERMOSIPHON A/N: 374180	D134	D183			
HEAT EXCHANGER, CUPOLA FURNACE EXHAUST GAS, A-PIPE TYPE, 49 IN. OUTSIDE DIA., 130 FT. TOTAL LENGTH A/N: 374180	D183	D134 D173		LEAD: (10) [40CFR 63 Subpart X, #01, 1-29-1999]; PM: (9) [RULE 404, 2-7-1986]	D323.1
HEAT EXCHANGER, U-TUBE COOLER, FIVE SECTION, WITH 2 HOPPERS, A TUBE BYPASS, A TUBE DAMPER VALVE, AND A HOPPER BY-PASS WITH A DAMPER A/N: 374180	D173	C174 D183		LEAD: (10) [40CFR 63 Subpart X, #01, 1-29-1999]; PM: (9) [RULE 404, 2-7-1986]	D323.1
CYCLONE, DIAMETER: 4 FT 9 IN A/N: 374180	C174	C45 D173		LEAD: (10) [40CFR 63 Subpart X, #01, 1-29-1999]; PM: (9) [RULE 404, 2-7-1986]	

* (1) (1A) (1B) Denotes RECLAIM emission factor
 (3) Denotes RECLAIM concentration limit
 (5) (5A) (5B) Denotes command and control emission limit
 (7) Denotes NSR applicability limit
 (9) See App B for Emission Limits
 (2) (2A) (2B) Denotes RECLAIM emission rate
 (4) Denotes BACT emission limit
 (6) Denotes air toxic control rule limit
 (8) (8A) (8B) Denotes 40 CFR limit (e.g. NSPS, NESHAPS, etc.)
 (10) See section J for NESHAP/MACT requirements

** Refer to section F and G of this permit to determine the monitoring, recordkeeping and reporting requirements for this device.

FACILITY PERMIT TO OPERATE EXIDE TECHNOLOGIES

SECTION D: FACILITY DESCRIPTION AND EQUIPMENT SPECIFIC CONDITIONS

The operator shall comply with the terms and conditions set forth below:

Equipment	ID No.	Connected To	RECLAIM Source Type/ Monitoring Unit	Emissions * And Requirements	Conditions
Process 1: SECONDARY METALS, LEAD SMELTING PROCESS					
BAGHOUSE, WITH EXPANDED TEFLON MEMBRANE BAGS WITH TEFLON SUBSTRATES, 21362 SQ.FT.; 510 BAGS A/N: 374231	C40	C42 D138		LEAD: (10) [40CFR 63 Subpart X, #01, 1-29-1999]; PM: (9) [RULE 404, 2-7-1986]	C6.3, D12.5, D12.6, D12.11, D381.1, E102.1, E193.1, H116.1, H116.2, H116.4, K67.2
BAGHOUSE, WITH EXPANDED TEFLON MEMBRANE BAGS WITH TEFLON SUBSTRATES, 21362 SQ.FT.; 510 BAGS A/N: 374231	C41	C42 D138		LEAD: (10) [40CFR 63 Subpart X, #01, 1-29-1999]; PM: (9) [RULE 404, 2-7-1986]	C6.3, D12.5, D12.6, D12.11, D381.1, E102.1, E193.1, H116.1, H116.2, H116.4, K67.2
BAGHOUSE, WITH EXPANDED TEFLON MEMBRANE BAGS WITH TEFLON SUBSTRATES, 22620 SQ.FT. A/N: 374180	C45	C42 C44 C174		LEAD: (10) [40CFR 63 Subpart X, #01, 1-29-1999]; PM: (9) [RULE 404, 2-7-1986]	C6.3, D12.5, D12.6, D12.11, D381.1, E102.1, E193.1, H116.1, H116.2, H116.4, K67.2
SCRUBBER, VENTURI, HEIGHT: 13 FT 9 IN; DIAMETER: 4 FT A/N: 374180	C42	C40 C41 C43 C45		LEAD: (10) [40CFR 63 Subpart X, #01, 1-29-1999]; PM: (9) [RULE 404, 2-7-1986]; ROG: (10) [40CFR 63 Subpart X, #01, 1-29-1999]	C8.2, C8.3, C8.5, C8.6, C8.7, D323.1, H116.2, K67.7

- * (1) (1A) (1B) Denotes RECLAIM emission factor (2) (2A) (2B) Denotes RECLAIM emission rate
 (3) Denotes RECLAIM concentration limit (4) Denotes BACT emission limit
 (5) (5A) (5B) Denotes command and control emission limit (6) Denotes air toxic control rule limit
 (7) Denotes NSR applicability limit (8) (8A) (8B) Denotes 40 CFR limit (e.g. NSPS, NESHAPS, etc.)
 (9) See App B for Emission Limits (10) See section J for NESHAP/MACT requirements

** Refer to section F and G of this permit to determine the monitoring, recordkeeping and reporting requirements for this device.

FACILITY PERMIT TO OPERATE EXIDE TECHNOLOGIES

SECTION D: FACILITY DESCRIPTION AND EQUIPMENT SPECIFIC CONDITIONS

The operator shall comply with the terms and conditions set forth below:

Equipment	ID No.	Connected To	RECLAIM Source Type/ Monitoring Unit	Emissions* And Requirements	Conditions
Process 1: SECONDARY METALS, LEAD SMELTING PROCESS					
SCRUBBER, TRAY, WITH 450 HP BLOWER, HEIGHT: 30 FT 9 IN; DIAMETER: 8 FT 6 IN A/N: 374180	C43	C42 S139		LEAD: (10) [40CFR 63 Subpart X, #01, 1-29-1999]; PM: (9) [RULE 404, 2-7-1986]; ROG: (10) [40CFR 63 Subpart X, #01, 1-29-1999]	C8.2, C8.3, C8.5, C8.6, C8.7, D323.1, H116.2, K67.7
STACK, COMMON TO REVERB AND CUPOLA, HEIGHT: 112 FT ; DIAMETER: 3 FT 7 IN A/N: 374231	S139	C43		LEAD: 0.01 LBS/HR (6) [RULE 1420.1, 11-5-2010]	A63.1, D82.1, D323.1, K67.9
System 8: CUPOLA AND HARD LEAD REFINERY FURNACES APCS					
BAGHOUSE, WITH 450 HP BLOWER, 64000 SQ.FT. A/N: 501060	C46	D7 D8 D9 D10 D11 D12 D13 D14 D15 D16 D17 D18 D19 D20 D129 D130 D131 D132 D133 S140 C177		LEAD: (10) [40CFR 63 Subpart X, #01, 1-29-1999]; PM: (9) [RULE 404, 2-7-1986]	D12.6, D12.7, D12.10, D12.11, D381.1, E102.1, E193.1, H116.1, H116.2, H116.4, K67.3
STACK, HEIGHT: 112 FT ; DIAMETER: 6 FT 11 IN A/N: INACTIVE	S140	C46			D381.1
System 9: REVERBERATORY AND SOFT LEAD REFINERY FURNACES APCS					
BAGHOUSE, WITH 450 HP BLOWER, 64000 SQ.FT. A/N: 374234	C47	D24 D25 D26 D27 D28 D29 D30 D31 D32 D33 D34 D35 D36 D37 D117 D118 D120 D121 D122 D123 D124 D125 S141 D149		LEAD: (10) [40CFR 63 Subpart X, #01, 1-29-1999]; PM: (9) [RULE 404, 2-7-1986]	D12.6, D12.10, D12.11, D381.1, E102.1, E193.1, H116.1, H116.2, H116.4, K67.3

- * (1) (1A) (1B) Denotes RECLAIM emission factor
- (3) Denotes RECLAIM concentration limit
- (5) (5A) (5B) Denotes command and control emission limit
- (7) Denotes NSR applicability limit
- (9) See App B for Emission Limits
- (2) (2A) (2B) Denotes RECLAIM emission rate
- (4) Denotes BACT emission limit
- (6) Denotes air toxic control rule limit
- (8) (8A) (8B) Denotes 40 CFR limit (e.g. NSPS, NESHAPS, etc.)
- (10) See section J for NESHAP/MACT requirements

** Refer to section F and G of this permit to determine the monitoring, recordkeeping and reporting requirements for this device.

FACILITY PERMIT TO OPERATE EXIDE TECHNOLOGIES

SECTION D: FACILITY DESCRIPTION AND EQUIPMENT SPECIFIC CONDITIONS

The operator shall comply with the terms and conditions set forth below:

Equipment	ID No.	Connected To	RECLAIM Source Type/ Monitoring Unit	Emissions * And Requirements	Conditions
Process 1: SECONDARY METALS, LEAD SMELTING PROCESS					
STACK, HEIGHT: 112 FT ; DIAMETER: 6 FT 11 IN A/N: 374234	S141	C47			D381.1
System 10: REVERB FURNACE FEED ROOM APCS					
BAGHOUSE, NO. 1, MAC, MODEL 144MCF494, WITH A 150 HP BLOWER AND A BROKEN BAG DETECTOR, 14326 SQ.FT.; 494 BAGS A/N:	C156	D109 D110 D111 D112 D113 D151 S158 C175		LEAD: (10) [40CFR 63 Subpart X, #01, 1-29-1999]; PM: (9) [RULE 404, 2-7-1986]	C6.4, D12.6, D12.7, D12.10, D12.16, D381.1, E102.1, H116.1, H116.4
BAGHOUSE, NO. 2, MAC, MODEL 144MCF494, WITH A 150 HP BLOWER AND A BROKEN BAG DETECTOR, 14326 SQ.FT.; 494 BAGS A/N:	C157	D109 D110 D111 D112 D113 D151 S158 C175		LEAD: (10) [40CFR 63 Subpart X, #01, 1-29-1999]; PM: (9) [RULE 404, 2-7-1986]	C6.4, D12.6, D12.7, D12.10, D12.16, D381.1, E102.1, H116.1, H116.4
STACK, HEIGHT: 80 FT ; DIAMETER: 6 FT A/N:	S158	C156 C157		LEAD: (10) [40CFR 63 Subpart X, #01, 1-29-1999]; PM: (9) [RULE 404, 2-7-1986]	D381.1
System 11: CUPOLA FURNACE FEED ROOM APCS					
CYCLONE, SPENCER, MODEL CH950CB-MOD, HEIGHT: 7 FT ; DIAMETER: 4 FT 2 IN A/N:	C159	C160 D161		LEAD: (10) [40CFR 63 Subpart X, #01, 1-29-1999]; PM: (9) [RULE 404, 2-7-1986]	D323.1, E102.1, H116.1
BAGHOUSE, CENTRAL VACUUM SYSTEM A, SPENCER, MODEL JH9600B8-M. WITH 75 HP BLOWER, 468 SQ.FT. A/N:	C160	C48 C159		LEAD: (10) [40CFR 63 Subpart X, #01, 1-29-1999]; PM: (9) [RULE 404, 2-7-1986]	D381.2, E102.1, H116.1

- * (1) (1A) (1B) Denotes RECLAIM emission factor (2) (2A) (2B) Denotes RECLAIM emission rate
 (3) Denotes RECLAIM concentration limit (4) Denotes BACT emission limit
 (5) (5A) (5B) Denotes command and control emission limit (6) Denotes air toxic control rule limit
 (7) Denotes NSR applicability limit (8) (8A) (8B) Denotes 40 CFR limit (e.g. NSPS, NESHAPS, etc.)
 (9) See App B for Emission Limits (10) See section J for NESHAP/MACT requirements

** Refer to section F and G of this permit to determine the monitoring, recordkeeping and reporting requirements for this device.

FACILITY PERMIT TO OPERATE EXIDE TECHNOLOGIES

SECTION D: FACILITY DESCRIPTION AND EQUIPMENT SPECIFIC CONDITIONS

The operator shall comply with the terms and conditions set forth below:

Equipment	ID No.	Connected To	RECLAIM Source Type/ Monitoring Unit	Emissions* And Requirements	Conditions
Process 1: SECONDARY METALS, LEAD SMELTING PROCESS					
FLOOR SWEEP, 50 TOTAL A/N:	D161	C159		LEAD: (10) [40CFR 63 Subpart X, #01, 1-29-1999]; PM: (9) [RULE 404, 2-7-1986]	D323.1
CYCLONE, SPENCER, MODEL CH942CB-MOD, HEIGHT: 6 FT ; DIAMETER: 3 FT 6 IN A/N:	C162	C163 D164		LEAD: (10) [40CFR 63 Subpart X, #01, 1-29-1999]; PM: (9) [RULE 404, 2-7-1986]	D323.1, E102.1, H116.3
BAGHOUSE, CENTRAL VACUUM SYSTEM B, SPENCER, MODEL JH9600B8-M, WITH 50 HP BLOWER, 468 SQ.FT. A/N:	C163	C48 C162		LEAD: (10) [40CFR 63 Subpart X, #01, 1-29-1999]; PM: (9) [RULE 404, 2-7-1986]	D381.2, E102.1, H116.3
FLOOR SWEEP, 48 TOTAL A/N:	D164	C162		LEAD: (10) [40CFR 63 Subpart X, #01, 1-29-1999]; PM: (9) [RULE 404, 2-7-1986]	D323.1
BAGHOUSE, WITH 300 HP BLOWER, 64000 SQ.FT. A/N:	C48	D126 S142 C160 C163		LEAD: (10) [40CFR 63 Subpart X, #01, 1-29-1999]; PM: (9) [RULE 404, 2-7-1986]	D12.6, D12.10, D381.1, E102.1, H116.1, H116.2
STACK, HEIGHT: 112 FT ; DIAMETER: 7 FT A/N:	S142	C48			D381.1
Process 3: WASTE HANDLING					
System 1: REVERBERATORY FURNACE DUST CONVEYING SYSTEM					
CONVEYOR, SCREW, MUD, DUST A/N: 374247	D58			LEAD: (10) [40CFR 63 Subpart X, #01, 1-29-1999]; PM: (9) [RULE 405, 2-7-1986]	D323.1
CONVEYOR, SCREW, MUD, DUST A/N: 374247	D59			LEAD: (10) [40CFR 63 Subpart X, #01, 1-29-1999]; PM: (9) [RULE 405, 2-7-1986]	D323.1

- * (1) (1A) (1B) Denotes RECLAIM emission factor
- (3) Denotes RECLAIM concentration limit
- (5) (5A) (5B) Denotes command and control emission limit
- (7) Denotes NSR applicability limit
- (9) See App B for Emission Limits
- (2) (2A) (2B) Denotes RECLAIM emission rate
- (4) Denotes BACT emission limit
- (6) Denotes air toxic control rule limit
- (8) (8A) (8B) Denotes 40 CFR limit (e.g. NSPS, NESHAPS, etc.)
- (10) See section J for NESHAP/MACT requirements

** Refer to section F and G of this permit to determine the monitoring, recordkeeping and reporting requirements for this device.

FACILITY PERMIT TO OPERATE EXIDE TECHNOLOGIES

SECTION D: FACILITY DESCRIPTION AND EQUIPMENT SPECIFIC CONDITIONS

The operator shall comply with the terms and conditions set forth below:

Equipment	ID No.	Connected To	RECLAIM Source Type/ Monitoring Unit	Emissions * And Requirements	Conditions
Process 3: WASTE HANDLING					
CONVEYOR, SCREW, MUD, DUST A/N: 374247	D60			LEAD: (10) [40CFR 63 Subpart X, #01, 1-29-1999]; PM: (9) [RULE 405, 2-7-1986]	D323.1
CONVEYOR, SCREW, MUD, DUST A/N: 374247	D61			LEAD: (10) [40CFR 63 Subpart X, #01, 1-29-1999]; PM: (9) [RULE 405, 2-7-1986]	D323.1
CONVEYOR, SCREW, MUD, DUST A/N: 374247	D62			LEAD: (10) [40CFR 63 Subpart X, #01, 1-29-1999]; PM: (9) [RULE 405, 2-7-1986]	D323.1
CONVEYOR, SCREW, MUD, DUST A/N: 374247	D63			LEAD: (10) [40CFR 63 Subpart X, #01, 1-29-1999]; PM: (9) [RULE 405, 2-7-1986]	D323.1
CONVEYOR, SCREW, MUD, DUST A/N: 374247	D64			LEAD: (10) [40CFR 63 Subpart X, #01, 1-29-1999]; PM: (9) [RULE 405, 2-7-1986]	D323.1
CONVEYOR, SCREW, MUD, DUST A/N: 374247	D65			LEAD: (10) [40CFR 63 Subpart X, #01, 1-29-1999]; PM: (9) [RULE 405, 2-7-1986]	D323.1
CONVEYOR, SCREW, MUD, DUST A/N: 374247	D66			LEAD: (10) [40CFR 63 Subpart X, #01, 1-29-1999]; PM: (9) [RULE 405, 2-7-1986]	D323.1
CONVEYOR, SCREW, MUD, DUST A/N: 374247	D67			LEAD: (10) [40CFR 63 Subpart X, #01, 1-29-1999]; PM: (9) [RULE 405, 2-7-1986]	D323.1
CONVEYOR, SCREW, MUD, DUST A/N: 374247	D68			LEAD: (10) [40CFR 63 Subpart X, #01, 1-29-1999]; PM: (9) [RULE 405, 2-7-1986]	D323.1
CONVEYOR, SCREW, MUD, DUST A/N: 374247	D69			LEAD: (10) [40CFR 63 Subpart X, #01, 1-29-1999]; PM: (9) [RULE 405, 2-7-1986]	D323.1
System 2: CUPOLA FURNACE DUST CONVEYING SYSTEM					

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|--|---|
| * (1) (1A) (1B) Denotes RECLAIM emission factor | (2) (2A) (2B) Denotes RECLAIM emission rate |
| (3) Denotes RECLAIM concentration limit | (4) Denotes BACT emission limit |
| (5) (5A) (5B) Denotes command and control emission limit | (6) Denotes air toxic control rule limit |
| (7) Denotes NSR applicability limit | (8) (8A) (8B) Denotes 40 CFR limit (e.g. NSPS, NESHAPS, etc.) |
| (9) See App B for Emission Limits | (10) See section J for NESHAP/MACT requirements |

** Refer to section F and G of this permit to determine the monitoring, recordkeeping and reporting requirements for this device.

FACILITY PERMIT TO OPERATE EXIDE TECHNOLOGIES

SECTION D: FACILITY DESCRIPTION AND EQUIPMENT SPECIFIC CONDITIONS

The operator shall comply with the terms and conditions set forth below:

Equipment	ID No.	Connected To	RECLAIM Source Type/ Monitoring Unit	Emissions * And Requirements	Conditions
Process 3: WASTE HANDLING					
CONVEYOR, SCREW, MUD, DUST A/N: 374247	D74			LEAD: (10) [40CFR 63 Subpart X, #01, 1-29-1999]; PM: (9) [RULE 405, 2-7-1986]	D323.1
CONVEYOR, SCREW, MUD, DUST A/N: 374247	D75			LEAD: (10) [40CFR 63 Subpart X, #01, 1-29-1999]; PM: (9) [RULE 405, 2-7-1986]	D323.1
CONVEYOR, SCREW, MUD, DUST A/N: 374247	D76			LEAD: (10) [40CFR 63 Subpart X, #01, 1-29-1999]; PM: (9) [RULE 405, 2-7-1986]	D323.1
CONVEYOR, SCREW, MUD, DUST A/N: 374247	D77			LEAD: (10) [40CFR 63 Subpart X, #01, 1-29-1999]; PM: (9) [RULE 405, 2-7-1986]	D323.1
CONVEYOR, SCREW, MUD, DUST A/N: 374247	D78			LEAD: (10) [40CFR 63 Subpart X, #01, 1-29-1999]; PM: (9) [RULE 405, 2-7-1986]	D323.1
CONVEYOR, SCREW, MUD, DUST A/N: 374247	D79			LEAD: (10) [40CFR 63 Subpart X, #01, 1-29-1999]; PM: (9) [RULE 405, 2-7-1986]	D323.1
CONVEYOR, SCREW, MUD, DUST A/N: 374247	D80			LEAD: (10) [40CFR 63 Subpart X, #01, 1-29-1999]; PM: (9) [RULE 405, 2-7-1986]	D323.1
CONVEYOR, SCREW, MUD, DUST A/N: 374247	D81			LEAD: (10) [40CFR 63 Subpart X, #01, 1-29-1999]; PM: (9) [RULE 405, 2-7-1986]	D323.1
CONVEYOR, SCREW, MUD, DUST A/N: 374247	D82			LEAD: (10) [40CFR 63 Subpart X, #01, 1-29-1999]; PM: (9) [RULE 405, 2-7-1986]	D323.1
System 3: HARD LEAD DUST COLLECTING SYSTEM					
CONVEYOR, SCREW, MUD, DUST, HARD LEAD A/N: 374247	D83			LEAD: (10) [40CFR 63 Subpart X, #01, 1-29-1999]; PM: (9) [RULE 405, 2-7-1986]	D323.1

- * (1) (1A) (1B) Denotes RECLAIM emission factor
- (3) Denotes RECLAIM concentration limit
- (5) (5A) (5B) Denotes command and control emission limit
- (7) Denotes NSR applicability limit
- (9) See App B for Emission Limits
- (2) (2A) (2B) Denotes RECLAIM emission rate
- (4) Denotes BACT emission limit
- (6) Denotes air toxic control rule limit
- (8) (8A) (8B) Denotes 40 CFR limit (e.g. NSPS, NESHAPS, etc.)
- (10) See section J for NESHAP/MACT requirements

** Refer to section F and G of this permit to determine the monitoring, recordkeeping and reporting requirements for this device.

FACILITY PERMIT TO OPERATE EXIDE TECHNOLOGIES

SECTION D: FACILITY DESCRIPTION AND EQUIPMENT SPECIFIC CONDITIONS

The operator shall comply with the terms and conditions set forth below:

Equipment	ID No.	Connected To	RECLAIM Source Type/ Monitoring Unit	Emissions* And Requirements	Conditions
Process 3: WASTE HANDLING					
CONVEYOR, SCREW, MUD, DUST, HARD LEAD A/N: 374247	D84			LEAD: (10) [40CFR 63 Subpart X, #01, 1-29-1999]; PM: (9) [RULE 405, 2-7-1986]	D323.1
System 4: SOFT LEAD DUST COLLECTING SYSTEM					
CONVEYOR, SCREW, SOFT LEAD, DUST, MUD A/N: 374247	D85			LEAD: (10) [40CFR 63 Subpart X, #01, 1-29-1999]; PM: (9) [RULE 405, 2-7-1986]	D323.1
CONVEYOR, SCREW, SOFT LEAD, DUST, MUD A/N: 374247	D86			LEAD: (10) [40CFR 63 Subpart X, #01, 1-29-1999]; PM: (9) [RULE 405, 2-7-1986]	D323.1
CONVEYOR, SCREW, SOFT LEAD, DUST, MUD A/N: 374247	D87			LEAD: (10) [40CFR 63 Subpart X, #01, 1-29-1999]; PM: (9) [RULE 405, 2-7-1986]	D323.1
System 5: CUPOLA FURNACE FEED ROOM DUST COLLECTING SYSTEM					
CONVEYOR, SCREW, MUD, DUST A/N: 374247	D88			LEAD: (10) [40CFR 63 Subpart X, #01, 1-29-1999]; PM: (9) [RULE 405, 2-7-1986]	D323.1
CONVEYOR, SCREW, MUD, DUST A/N: 374247	D89			LEAD: (10) [40CFR 63 Subpart X, #01, 1-29-1999]; PM: (9) [RULE 405, 2-7-1986]	D323.1
System 6: REVERB FURNACE FEED ROOM DUST COLLECTING SYSTEM					
CONVEYOR, SCREW, MUD, DUST A/N: 374225	D154			LEAD: (10) [40CFR 63 Subpart X, #01, 1-29-1999]; PM: (9) [RULE 405, 2-7-1986]	D323.1
CONVEYOR, SCREW, MUD, DUST A/N: 374225	D155			LEAD: (10) [40CFR 63 Subpart X, #01, 1-29-1999]; PM: (9) [RULE 405, 2-7-1986]	D323.1
System 7: SUMP SLURRY HANDLING SYSTEM					
SUMP, SLURRY, DUST, MUD A/N: 374247	D90			LEAD: (10) [40CFR 63 Subpart X, #01, 1-29-1999]; PM: (9) [RULE 405, 2-7-1986]	D323.1

- * (1) (1A) (1B) Denotes RECLAIM emission factor
 (2) (2A) (2B) Denotes RECLAIM emission rate
 (3) Denotes RECLAIM concentration limit
 (4) Denotes BACT emission limit
 (5) (5A) (5B) Denotes command and control emission limit
 (6) Denotes air toxic control rule limit
 (7) Denotes NSR applicability limit
 (8) (8A) (8B) Denotes 40 CFR limit (e.g. NSPS, NESHAPS, etc.)
 (9) See App B for Emission Limits
 (10) See section J for NESHAP/MACT requirements

** Refer to section F and G of this permit to determine the monitoring, recordkeeping and reporting requirements for this device.

FACILITY PERMIT TO OPERATE EXIDE TECHNOLOGIES

SECTION D: FACILITY DESCRIPTION AND EQUIPMENT SPECIFIC CONDITIONS

The operator shall comply with the terms and conditions set forth below:

Equipment	ID No.	Connected To	RECLAIM Source Type/ Monitoring Unit	Emissions * And Requirements	Conditions
Process 3: WASTE HANDLING					
SUMP, SLURRY, DUST, MUD A/N: 374247	D91			LEAD: (10) [40CFR 63 Subpart X, #01, 1-29-1999]; PM: (9) [RULE 405, 2-7-1986]	D323.1
System 8: DUST TRANSFER CONVEYING SYSTEM					
CONVEYOR, SCREW, MUD, DUST A/N: 374247	D92			LEAD: (10) [40CFR 63 Subpart X, #01, 1-29-1999]; PM: (9) [RULE 405, 2-7-1986]	D323.1
CONVEYOR, SCREW, MUD, DUST A/N: 374247	D93			LEAD: (10) [40CFR 63 Subpart X, #01, 1-29-1999]; PM: (9) [RULE 405, 2-7-1986]	D323.1
CONVEYOR, SCREW, MUD, DUST A/N: 374247	D94			LEAD: (10) [40CFR 63 Subpart X, #01, 1-29-1999]; PM: (9) [RULE 405, 2-7-1986]	D323.1
CONVEYOR, SCREW, MUD, DUST A/N: 374247	D95			LEAD: (10) [40CFR 63 Subpart X, #01, 1-29-1999]; PM: (9) [RULE 405, 2-7-1986]	D323.1
System 9: REVERBERATORY FURNACE FEEDER PIT SYSTEM					
PUMP, MUD, DUST A/N: 374247	D96			LEAD: (10) [40CFR 63 Subpart X, #01, 1-29-1999]; PM: (9) [RULE 405, 2-7-1986]	D323.1
System 10: KETTLE GALLERY SUMP SYSTEM					
PUMP, MUD, DUST A/N: 374247	D152			LEAD: (10) [40CFR 63 Subpart X, #01, 1-29-1999]; PM: (9) [RULE 405, 2-7-1986]	D323.1
PUMP, MUD, DUST A/N: 374247	D153			LEAD: (10) [40CFR 63 Subpart X, #01, 1-29-1999]; PM: (9) [RULE 405, 2-7-1986]	D323.1
System 11: VEHICLE WASH SYSTEM					

- * (1) (1A) (1B) Denotes RECLAIM emission factor
 (3) Denotes RECLAIM concentration limit
 (5) (5A) (5B) Denotes command and control emission limit
 (7) Denotes NSR applicability limit
 (9) See App B for Emission Limits
- (2) (2A) (2B) Denotes RECLAIM emission rate
 (4) Denotes BACT emission limit
 (6) Denotes air toxic control rule limit
 (8) (8A) (8B) Denotes 40 CFR limit (e.g. NSPS, NESHAPS, etc.)
 (10) See section J for NESHAP/MACT requirements

** Refer to section F and G of this permit to determine the monitoring, recordkeeping and reporting requirements for this device.

FACILITY PERMIT TO OPERATE EXIDE TECHNOLOGIES

SECTION D: FACILITY DESCRIPTION AND EQUIPMENT SPECIFIC CONDITIONS

The operator shall comply with the terms and conditions set forth below:

Equipment	ID No.	Connected To	RECLAIM Source Type/ Monitoring Unit	Emissions * And Requirements	Conditions
Process 3: WASTE HANDLING					
TRUCK WASHING STATION, VEVI, MODEL TW-2000, 11 FT-6 IN W. X 67 FT-1 IN L. X 3 FT-6 IN H., WITH A WASH BASIN, 11 FT-6 IN W. X 37 FT-0.5 IN L. X 3 FT-6 IN H. WITH A/N: 501061	D178			LEAD: (10) [40CFR 63 Subpart X, #01, 1-29-1999]; PM: (9) [RULE 405, 2-7-1986]	E448.5
ENCLOSURE, WASH STATION TUNNEL, 20 FT W. X 38 FT L. X 20 FT H. APPROXIMATE DIMENSIONS	C180			LEAD: (10) [40CFR 63 Subpart X, #01, 1-29-1999]; PM: (9) [RULE 405, 2-7-1986]	
System 12: PORTABLE VACUUM SWEEPING SYSTEM					
FLOOR SWEEP, WALK BEHIND VACUUM SWEEPER, LEAD ABATEMENT, TENNANT, MODEL 3640E, 1-HP ELECTRIC, 2 FT-8 IN W. X 4 FT- 8 IN L. X 3 FT-2 IN H., WITH A HEPA FILTER A/N: 501062	C181			LEAD: (10) [40CFR 63 Subpart X, #01, 1-29-1999]; PM: (9) [RULE 404, 2-7-1986]	E448.4, K171.3
Process 4: BULK MATERIALS HANDLING AND PROCESSING					
System 1: BULK MATERIALS STORAGE SYSTEM					
STORAGE SILO, NORTH, SODIUM CARBONATE, DUST, HEIGHT: 28 FT ; DIAMETER: 25 FT A/N: 374197	D97	C98		PM: (9) [RULE 405, 2-7-1986]	C1.1, D323.1
BAGHOUSE, FILTER VENT, 295 SQ.FT. A/N: 374197	C98	D97		PM: (9) [RULE 404, 2-7-1986]	D381.2
Process 6: Rule 219 Exempt Equipment Subject to Source-Specific Requirements					
RULE 219 EXEMPT EQUIPMENT, REFRIGERATION UNITS	E147				H23.1

- * (1) (1A) (1B) Denotes RECLAIM emission factor (2) (2A) (2B) Denotes RECLAIM emission rate
 (3) Denotes RECLAIM concentration limit (4) Denotes BACT emission limit
 (5) (5A) (5B) Denotes command and control emission limit (6) Denotes air toxic control rule limit
 (7) Denotes NSR applicability limit (8) (8A) (8B) Denotes 40 CFR limit (e.g. NSPS, NESHAPS, etc.)
 (9) See App B for Emission Limits (10) See section J for NESHAP/MACT requirements

** Refer to section F and G of this permit to determine the monitoring, recordkeeping and reporting requirements for this device.

FACILITY PERMIT TO OPERATE EXIDE TECHNOLOGIES

SECTION D: FACILITY DESCRIPTION AND EQUIPMENT SPECIFIC CONDITIONS

The operator shall comply with the terms and conditions set forth below:

Equipment	ID No.	Connected To	RECLAIM Source Type/ Monitoring Unit	Emissions * And Requirements	Conditions
Process 6: Rule 219 Exempt Equipment Subject to Source-Specific Requirements					
RULE 219 EXEMPT EQUIPMENT, CLEANING EQUIPMENT, SMALL, UNHEATED, NON-CONVEYORIZED	E148			ROG: (9) [RULE 1171, 6-13-1997; RULE 1171, 10-8-1999]	H23.2
RULE 219 EXEMPT EQUIPMENT, COATING EQUIPMENT, PORTABLE, ARCHITECTURAL COATINGS	E150			ROG: (9) [RULE 1113, 11-8-1996; RULE 1113, 5-14-1999; RULE 1171, 6-13-1997; RULE 1171, 10-8-1999]	K67.4

- * (1) (1A) (1B) Denotes RECLAIM emission factor
 - (3) Denotes RECLAIM concentration limit
 - (5) (5A) (5B) Denotes command and control emission limit
 - (7) Denotes NSR applicability limit
 - (9) See App B for Emission Limits
 - (2) (2A) (2B) Denotes RECLAIM emission rate
 - (4) Denotes BACT emission limit
 - (6) Denotes air toxic control rule limit
 - (8) (8A) (8B) Denotes 40 CFR limit (e.g. NSPS, NESHAPS, etc.)
 - (10) See section J for NESHAP/MACT requirements
- ** Refer to section F and G of this permit to determine the monitoring, recordkeeping and reporting requirements for this device.

**FACILITY PERMIT TO OPERATE
EXIDE TECHNOLOGIES**

SECTION D: DEVICE ID INDEX

**The following sub-section provides an index
to the devices that make up the facility
description sorted by device ID.**

**FACILITY PERMIT TO OPERATE
 EXIDE TECHNOLOGIES
 SECTION D: DEVICE ID INDEX**

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Device ID	Section D Page No.	Process	System
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D3	1	1	1
D4	1	1	1
D5	1	1	1
D7	7	1	5
D8	7	1	5
D9	8	1	5
D10	8	1	5
D11	9	1	5
D12	9	1	5
D13	10	1	5
D14	10	1	5
D15	11	1	5
D16	11	1	5
D17	12	1	5
D18	12	1	5
D19	13	1	5
D20	13	1	5
D24	14	1	5
D25	14	1	5
D26	15	1	5
D27	15	1	5
D28	16	1	5
D29	16	1	5
D30	17	1	5
D31	17	1	5
D32	18	1	5
D33	18	1	5
D34	19	1	5
D35	19	1	5
D36	20	1	5
D37	20	1	5
C38	21	1	6
C39	21	1	6

**FACILITY PERMIT TO OPERATE
 EXIDE TECHNOLOGIES
 SECTION D: DEVICE ID INDEX**

Device Index For Section D			
Device ID	Section D Page No.	Process	System
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C41	24	1	7
C42	24	1	7
C43	25	1	7
C44	23	1	7
C45	24	1	7
C46	25	1	8
C47	25	1	9
C48	27	1	11
D58	27	3	1
D59	27	3	1
D60	28	3	1
D61	28	3	1
D62	28	3	1
D63	28	3	1
D64	28	3	1
D65	28	3	1
D66	28	3	1
D67	28	3	1
D68	28	3	1
D69	28	3	1
D74	29	3	2
D75	29	3	2
D76	29	3	2
D77	29	3	2
D78	29	3	2
D79	29	3	2
D80	29	3	2
D81	29	3	2
D82	29	3	2
D83	29	3	3
D84	30	3	3
D85	30	3	4
D86	30	3	4
D87	30	3	4

**FACILITY PERMIT TO OPERATE
 EXIDE TECHNOLOGIES
 SECTION D: DEVICE ID INDEX**

Device Index For Section D			
Device ID	Section D Page No.	Process	System
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D89	30	3	5
D90	30	3	7
D91	31	3	7
D92	31	3	8
D93	31	3	8
D94	31	3	8
D95	31	3	8
D96	31	3	9
D97	32	4	1
C98	32	4	1
D109	2	1	2
D110	2	1	2
D111	2	1	2
D112	2	1	2
D113	2	1	2
D114	2	1	2
D115	3	1	2
D116	3	1	2
D117	4	1	3
D118	4	1	3
D119	4	1	3
D120	4	1	3
D121	4	1	3
D122	5	1	3
D123	5	1	3
D124	5	1	3
D125	5	1	3
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D128	5	1	4
D129	6	1	4
D130	6	1	4
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**FACILITY PERMIT TO OPERATE
 EXIDE TECHNOLOGIES
 SECTION D: DEVICE ID INDEX**

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D135	22	1	7
D136	22	1	7
D137	22	1	7
D138	23	1	7
S139	25	1	7
S140	25	1	8
S141	26	1	9
S142	27	1	11
C143	3	1	2
C144	3	1	2
S145	4	1	2
E147	32	6	0
E148	33	6	0
D149	22	1	7
E150	33	6	0
D151	2	1	2
D152	31	3	10
D153	31	3	10
D154	30	3	6
D155	30	3	6
C156	26	1	10
C157	26	1	10
S158	26	1	10
C159	26	1	11
C160	26	1	11
D161	27	1	11
C162	27	1	11
C163	27	1	11
D164	27	1	11
C165	1	1	1
S166	1	1	1
C172	1	1	1
D173	23	1	7

**FACILITY PERMIT TO OPERATE
EXIDE TECHNOLOGIES
SECTION D: DEVICE ID INDEX**

Device Index For Section D			
Device ID	Section D Page No.	Process	System
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C175	2	1	1
B176	3	1	2
C177	4	1	2
D178	32	3	11
C179	22	1	6
C180	32	3	11
C181	32	3	12
C182	22	1	6
D183	23	1	7

FACILITY PERMIT TO OPERATE EXIDE TECHNOLOGIES

SECTION D: FACILITY DESCRIPTION AND EQUIPMENT SPECIFIC CONDITIONS

The operator shall comply with the terms and conditions set forth below:

FACILITY CONDITIONS

F52.1 This facility is subject to the applicable requirements of the following rules or regulation(s):

Rule 1420.1

A. The total facility mass lead emissions from all lead point sources shall not exceed 0.045 pounds of lead per hour.

B. The total facility and maximum emission rates shall be determined using the most recent source tests conducted by the facility or the District.

[RULE 1420.1, 11-5-2010]

DEVICE CONDITIONS

A. Emission Limits

A63.1 The operator shall limit emissions from this equipment as follows:

CONTAMINANT	EMISSIONS LIMIT
CO	Less than or equal to 10800 LBS IN ANY 30-DAY PERIOD

[RULE 1303(b)(2)-Offset, 5-10-1996]

[Devices subject to this condition : S139]

A63.2 The operator shall limit emissions from this equipment as follows:

FACILITY PERMIT TO OPERATE EXIDE TECHNOLOGIES

SECTION D: FACILITY DESCRIPTION AND EQUIPMENT SPECIFIC CONDITIONS

The operator shall comply with the terms and conditions set forth below:

CONTAMINANT	EMISSIONS LIMIT
Visible emissions	Less than 10 Percent opacity

[40CFR 60 Subpart L, 12-3-1976]

[Devices subject to this condition : D7, D9, D11, D13, D15, D17, D19, D24, D26, D28, D30, D32, D34, D36, D119, D128]

B. Material/Fuel Type Limits

B59.1 The operator shall not use the following material(s) in this device :

With the exception of the specific materials listed in condition no. 163-1, all other types of organic materials including, but not limited to, coal, charcoal, rubber, plastics, paper, rags, oil, grease, or metal contaminated with any of these materials.

[RULE 1303(b)(2)-Offset, 5-10-1996; RULE 1401, 12-7-1990; RULE 407, 4-2-1982]

[Devices subject to this condition : D119]

B59.2 The operator shall not use the following material(s) in this device :

With the exception of the specific materials listed in condition no. 163-2, all other types of organic materials including, but not limited to, coal, charcoal, rubber, plastics, paper, rags, oil, grease, or metal contaminated with any of these materials.

[RULE 1303(b)(2)-Offset, 5-10-1996; RULE 1401, 12-7-1990; RULE 407, 4-2-1982]

[Devices subject to this condition : D128]

FACILITY PERMIT TO OPERATE EXIDE TECHNOLOGIES

SECTION D: FACILITY DESCRIPTION AND EQUIPMENT SPECIFIC CONDITIONS

The operator shall comply with the terms and conditions set forth below:

B163.1 The operator shall only use feed materials containing the following:

FACILITY PERMIT TO OPERATE EXIDE TECHNOLOGIES

SECTION D: FACILITY DESCRIPTION AND EQUIPMENT SPECIFIC CONDITIONS

The operator shall comply with the terms and conditions set forth below:

ACID FILTERS

ACID DUMP/FILL SOLIDS

BAGHOUSE BAGS

BAGHOUSE DUST

CANS (SCRAP DRUMS)

CAST IRON

CHEESECLOTH FROM PASTING ROLLERS

CARBON COKE

COMBUSTION AIR

DROSS

EMISSION CONTROL SLUDGES, FILTER CAKE RESIDUES AND SOLIDS

ENRICHMENT OXYGEN

FILTER CAKE

GRID METAL, POSTS AND SEPARATORS

INDUSTRIAL BATTERY PLATE GROUPS AND TOPS

LEAD BASED PIGMENT

LEAD BEARING MATERIAL

LEAD OXIDE AND LEAD OXIDE RESIDUES

FACILITY PERMIT TO OPERATE EXIDE TECHNOLOGIES

SECTION D: FACILITY DESCRIPTION AND EQUIPMENT SPECIFIC CONDITIONS

The operator shall comply with the terms and conditions set forth below:

LIMEROCK

MILL SCALE

NATURAL GAS

PASTING BELTS

PURCHASED DROSS

PLASTIC AND RUBBER FROM SCRAP BATTERIES

SLURRY AND SLURRY SCREENINGS

SCRAP METAL

SHOP ABRASIVES

SILICA

SLAG

SUMP MUD

SWEEPINGS

WASTEWATER TREATMENT FILTER PRESS CLOTHS

WATER TREATMENT SLUDGES, FILTER CAKES, AND RESIDUES

[RULE 1401, 12-7-1990]

[Devices subject to this condition : D119]

FACILITY PERMIT TO OPERATE EXIDE TECHNOLOGIES

SECTION D: FACILITY DESCRIPTION AND EQUIPMENT SPECIFIC CONDITIONS

The operator shall comply with the terms and conditions set forth below:

B163.2 The operator shall only use feed materials containing the following:

FACILITY PERMIT TO OPERATE EXIDE TECHNOLOGIES

SECTION D: FACILITY DESCRIPTION AND EQUIPMENT SPECIFIC CONDITIONS

The operator shall comply with the terms and conditions set forth below:

ACID FILTERS

ACID DUMP/FILL SOLIDS

BAGHOUSE BAGS

BAGHOUSE DUST

CANS (SCRAP DRUMS)

CAST IRON

CHEESECLOTH FROM PASTING ROLLERS

CARBON COKE

COMBUSTION AIR

DROSS

EMISSION CONTROL SLUDGES, FILTER CAKE RESIDUES AND SOLIDS

ENRICHMENT OXYGEN

FILTER CAKE

GRID METAL, POSTS AND SEPARATORS

INDUSTRIAL BATTERY PLATE GROUPS AND TOPS

LEAD BASED PIGMENT

LEAD BEARING MATERIAL

LEAD OXIDE AND LEAD OXIDE RESIDUES

FACILITY PERMIT TO OPERATE EXIDE TECHNOLOGIES

SECTION D: FACILITY DESCRIPTION AND EQUIPMENT SPECIFIC CONDITIONS

The operator shall comply with the terms and conditions set forth below:

LIMEROCK

MILL SCALE

NATURAL GAS

PASTING BELTS

PURCHASED DROSS

SLURRY AND SLURRY SCREENINGS

SCRAP METAL

SHOP ABRASIVES

SILICA

SLAG

SUMP MUD

SWEEPINGS

WASTEWATER TREATMENT FILTER PRESS CLOTHS

WATER TREATMENT SLUDGES, FILTER CAKES, AND RESIDUES

[RULE 1401, 12-7-1990; **RULE 407, 4-2-1982**]

[Devices subject to this condition : D128]

B295.1 For the purpose of SOX RECLAIM emission factor, the material shall be defined as the amount of feed material charged to the rotary dryer.

FACILITY PERMIT TO OPERATE EXIDE TECHNOLOGIES

SECTION D: FACILITY DESCRIPTION AND EQUIPMENT SPECIFIC CONDITIONS

The operator shall comply with the terms and conditions set forth below:

[RULE 2011, 12-7-1995; RULE 2011, 4-9-1999]

[Devices subject to this condition : D115]

B295.2 For the purpose of NOX RECLAIM emission factor, the material shall be defined as the amount of sodium nitrate added.

[RULE 2012, 5-6-2005]

[Devices subject to this condition : D7, D9, D11, D13, D15, D17, D19, D24, D26, D28, D30, D32, D34, D36]

B295.3 For the purpose of SOX RECLAIM emission factor, the material shall be defined as the amount of sulfur added.

[RULE 2011, 5-6-2005]

[Devices subject to this condition : D7, D9, D11, D13, D15, D17, D19, D24, D26, D28, D30, D32, D34, D36]

C. Throughput or Operating Parameter Limits

C1.1 The operator shall limit the operation to no more than 130 tons in any one day.

For the purpose of this condition, operation shall be defined as sodium carbonate received in the storage bin.

[RULE 1303(b)(2)-Offset, 5-10-1996]

FACILITY PERMIT TO OPERATE EXIDE TECHNOLOGIES

SECTION D: FACILITY DESCRIPTION AND EQUIPMENT SPECIFIC CONDITIONS

The operator shall comply with the terms and conditions set forth below:

[Devices subject to this condition : D97]

- C1.2 The operator shall limit the material processed to no more than 178.32 ton(s) in any one day.

For the purpose of this condition, material processed shall be defined as the total weight of all materials charged to the cupola furnace. This condition shall not apply to baghouse dust generated on-site.

[RULE 1303(b)(2)-Offset, 5-10-1996; RULE 1401, 12-7-1990]

[Devices subject to this condition : D128]

- C1.3 The operator shall limit the material processed to no more than 439.2 ton(s) in any one day.

For the purpose of this condition, material processed shall be defined as the total weight of all materials charged to the reverberatory furnace. This total weight shall be the same as the total weight of all materials charged to the rotary dryer furnace.

[RULE 1303(b)(2)-Offset, 5-10-1996; RULE 1401, 12-7-1990]

[Devices subject to this condition : D119]

- C1.4 The operator shall limit the material processed to no more than 21.5 ton(s) in any one day.

For the purpose of this condition, material processed shall be defined as the combined total amount of carbon coke and "additional plastic and rubber" charged to the reverberatory furnace. For the purpose of this condition, "additional plastic and rubber" shall be defined as the amount of plastic and rubber material which is capable of being separated by the raw material preparation system.

[RULE 1303(b)(2)-Offset, 5-10-1996; RULE 1401, 12-7-1990]

FACILITY PERMIT TO OPERATE EXIDE TECHNOLOGIES

SECTION D: FACILITY DESCRIPTION AND EQUIPMENT SPECIFIC CONDITIONS

The operator shall comply with the terms and conditions set forth below:

[Devices subject to this condition : D119]

- C6.1 The operator shall use this equipment in such a manner that the temperature being monitored, as indicated below, does not exceed 1500 Deg F.

To comply with this condition, the operator shall install and maintain a(n) temperature gauge to accurately indicate the temperature in the burner end of the rotary dryer furnace, in degrees Fahrenheit.

The operator shall also install and maintain a device to continuously record the parameter being measured.

The measuring device or gauge shall be accurate to within plus or minus 30 degrees Fahrenheit. It shall be calibrated once every 12 months.

[RULE 1303(a)(1)-BACT, 5-10-1996]

[Devices subject to this condition : D115]

- C6.2 The operator shall use this equipment in such a manner that the temperature being monitored, as indicated below, does not exceed 400 Deg F.

To comply with this condition, the operator shall install and maintain a(n) temperature gauge to accurately indicate the temperature in the baghouse inlet duct, in degrees Fahrenheit.

The operator shall also install and maintain a device to continuously record the parameter being measured.

The measuring device or gauge shall be accurate to within plus or minus 30 degrees Fahrenheit. It shall be calibrated once every 12 months.

[RULE 1303(a)(1)-BACT, 5-10-1996]

FACILITY PERMIT TO OPERATE EXIDE TECHNOLOGIES

SECTION D: FACILITY DESCRIPTION AND EQUIPMENT SPECIFIC CONDITIONS

The operator shall comply with the terms and conditions set forth below:

[Devices subject to this condition : C144]

- C6.3 The operator shall use this equipment in such a manner that the temperature being monitored, as indicated below, does not exceed 500 Deg F.

To comply with this condition, the operator shall install and maintain a(n) temperature gauge to accurately indicate the temperature in the baghouse inlet duct, in degrees Fahrenheit.

The operator shall also install and maintain a device to continuously record the parameter being measured.

The measuring device or gauge shall be accurate to within plus or minus 10 degrees Fahrenheit. It shall be calibrated once every 12 months.

[RULE 1303(a)(1)-BACT, 5-10-1996]

[Devices subject to this condition : C40, C41, C45]

- C6.4 The operator shall use this equipment in such a manner that the temperature being monitored, as indicated below, does not exceed 150 Deg F.

To comply with this condition, the operator shall install and maintain a(n) temperature gauge to accurately indicate the temperature in the baghouse inlet duct, in degrees Fahrenheit.

The operator shall also install and maintain a device to continuously record the parameter being measured.

The measuring device or gauge shall be accurate to within plus or minus 30 degrees Fahrenheit. It shall be calibrated once every 12 months.

[RULE 1303(a)(1)-BACT, 5-10-1996]

FACILITY PERMIT TO OPERATE EXIDE TECHNOLOGIES

SECTION D: FACILITY DESCRIPTION AND EQUIPMENT SPECIFIC CONDITIONS

The operator shall comply with the terms and conditions set forth below:

[Devices subject to this condition : C156, C157]

- C8.1 The operator shall use this equipment in such a manner that the temperature being monitored, as indicated below, is not less than 1736 Deg F.
- A) To comply with this condition, the operator shall install and maintain a(n) temperature gauge to accurately indicate the temperature in the afterburner serving the cupola, in degrees Fahrenheit.
 - B) The operator shall also install and maintain a device to continuously record the parameter being measured.
 - C) The measuring device or gauge shall be accurate to within plus or minus 52 degrees Fahrenheit. It shall be calibrated once every 12 months.
 - D) The temperature limit in this condition shall not apply during periods of start-up or shut down. During start-up or shutdown, the operator shall comply with condition no. C8.8

[RULE 1303(a)(1)-BACT, 5-10-1996; RULE 1401, 12-7-1990; RULE 407, 4-2-1982]

[Devices subject to this condition : C44]

- C8.2 The operator shall use this equipment in such a manner that the flow rate being monitored, as indicated below, is not less than 280 gpm.
- To comply with this condition, the operator shall install and maintain a(n) flow meter to accurately indicate the flow rate in the liquid supply lines to the venturi scrubber and the tray-type scrubber, in gallons per minute.

[RULE 1303(a)(1)-BACT, 5-10-1996]

[Devices subject to this condition : C42, C43]

FACILITY PERMIT TO OPERATE EXIDE TECHNOLOGIES

SECTION D: FACILITY DESCRIPTION AND EQUIPMENT SPECIFIC CONDITIONS

The operator shall comply with the terms and conditions set forth below:

- C8.3 The operator shall use this equipment in such a manner that the pH being monitored, as indicated below, is not less than 7 of the pH scale.

To comply with this condition, the operator shall install and maintain a(n) pH meter to accurately indicate the pH in the recirculation tank serving the scrubber.

[RULE 1303(a)(1)-BACT, 5-10-1996]

[Devices subject to this condition : C42, C43]

- C8.4 The operator shall use this equipment in such a manner that the flow rate being monitored, as indicated below, is not less than 110 gpm.

To comply with this condition, the operator shall install and maintain a(n) flow meter to accurately indicate the flow rate in the scrubber liquid recirculation line, in gallons per minute.

[RULE 1303(a)(1)-BACT, 5-10-1996]

[Devices subject to this condition : C165]

- C8.5 The operator shall use this equipment in such a manner that the differential pressure being monitored, as indicated below, is not less than 20 inches water column.

To comply with this condition, the operator shall install and maintain a(n) differential pressure gauge to accurately indicate the differential pressure across the venturi scrubber and the tray-type scrubber, in total inches water column.

This condition shall only apply when this equipment serve the cupola furnace only.

[RULE 1303(a)(1)-BACT, 5-10-1996; RULE 1401, 12-7-1990]

[Devices subject to this condition : C42, C43]

FACILITY PERMIT TO OPERATE EXIDE TECHNOLOGIES

SECTION D: FACILITY DESCRIPTION AND EQUIPMENT SPECIFIC CONDITIONS

The operator shall comply with the terms and conditions set forth below:

- C8.6 The operator shall use this equipment in such a manner that the differential pressure being monitored, as indicated below, is not less than 26 inches water column.

To comply with this condition, the operator shall install and maintain a(n) differential pressure gauge to accurately indicate the differential pressure across the venturi scrubber and the tray-type scrubber, in total inches water column.

This condition shall only apply when this equipment serve the reverberatory furnace only.

[RULE 1303(a)(1)-BACT, 5-10-1996; RULE 1401, 12-7-1990]

[Devices subject to this condition : C42, C43]

- C8.7 The operator shall use this equipment in such a manner that the differential pressure being monitored, as indicated below, is not less than 36 inches water column.

To comply with this condition, the operator shall install and maintain a(n) differential pressure gauge to accurately indicate the differential pressure across the venturi scrubber and the tray-type scrubber, in total inches water column.

This condition shall only apply when this equipment serve the cupola and the reverberatory furnaces simultaneously.

[RULE 1303(a)(1)-BACT, 5-10-1996; RULE 1401, 12-7-1990]

[Devices subject to this condition : C42, C43]

- C8.8 The operator shall use this equipment in such a manner that the temperature being monitored, as indicated below, is not less than 1400 Deg F.

FACILITY PERMIT TO OPERATE EXIDE TECHNOLOGIES

SECTION D: FACILITY DESCRIPTION AND EQUIPMENT SPECIFIC CONDITIONS

The operator shall comply with the terms and conditions set forth below:

- A) The temperature limit in this condition shall apply only during periods of start-up or shut down. During normal operation, the operator shall comply with condition no. C8.1
- B) To comply with this condition, the operator shall install and maintain a secondary temperature gauge to accurately indicate the temperature in the afterburner serving the cupola furnace, in degrees Fahrenheit.
- C) For the purpose of this condition, the secondary temperature gauge shall be located at a distance not less than four (4.00) feet downstream of the burner location in the afterburner combustion chamber.
- D) For the purpose of this condition, the secondary temperature gauge may be either a fixed installation, a mechanically retractable installation, and/or a manually retractable installation.
- E) The operator shall also install and maintain a device to continuously record the parameter being measured.
- F) The measuring device or gauge shall be accurate to within plus or minus 42 degrees Fahrenheit. It shall be calibrated once every 12 months.
- G) During startup or shutdown of the cupola furnace, the temperature readings of the secondary gauge described in this condition shall be recorded continuously whenever the primary temperature gauge indicates a temperature of less than 1400 Degrees Fahrenheit.
- H) During cold startup of the cupola furnace, the secondary temperature gauge shall indicate at least 1400 Degrees Fahrenheit prior to the initiation of any combustion activity in the cupola furnace.
- I) During shutdown of the cupola furnace, the secondary temperature gauge shall indicate at least 1400 Degrees Fahrenheit until all combustion activity in the cupola furnace has ceased.

FACILITY PERMIT TO OPERATE EXIDE TECHNOLOGIES

SECTION D: FACILITY DESCRIPTION AND EQUIPMENT SPECIFIC CONDITIONS

The operator shall comply with the terms and conditions set forth below:

J) During periods of breakdown or malfunction, the operator shall comply with the breakdown and notification requirements in Rule 430. In addition, when a breakdown or malfunction of this equipment results in an event which results in non-compliance with the temperature limit in condition nos. C8.1 and C8.8, the operator shall file a Title V deviation report in accordance with the provisions of Rule 3004.

[RULE 1303(a)(1)-BACT, 5-10-1996; RULE 1401, 12-7-1990; RULE 407, 4-2-1982]

[Devices subject to this condition : C44]

C303.1 The operator shall limit oxygen enrichment percent to between the amount specified by the following equation: $OE = (OF \times 100) / (OF + AF)$

where:

- OE = oxygen enrichment percent.
- OF = standard cubic feet of gaseous oxygen supplied to a set of burners in any one day.
- AF = standard cubic feet of air supplied to a set of burners in any one day.
- and where the value of OE is limited to the following amount:
- for the reverberatory furnace, OE = 2.0 to 13.0 percent.

[RULE 1303(b)(2)-Offset, 5-10-1996; RULE 1401, 12-7-1990; RULE 407, 4-2-1982]

[Devices subject to this condition : D119]

D. Monitoring/Testing Requirements

D12.1 The operator shall install and maintain a(n) triboelectric-type broken bag detector to accurately indicate the existence of a leak in the cartridge filters.

FACILITY PERMIT TO OPERATE EXIDE TECHNOLOGIES

SECTION D: FACILITY DESCRIPTION AND EQUIPMENT SPECIFIC CONDITIONS

The operator shall comply with the terms and conditions set forth below:

The measuring device or gauge shall be accurate to within the limits defined in the calibration protocol from the manufacturer. It shall be calibrated once every 12 months.

The continuous monitoring system shall include visual and audio alarms.

[RULE 1303(a)(1)-BACT, 5-10-1996]

[Devices subject to this condition : C38, C39]

D12.2 The operator shall install and maintain a(n) flow meter to accurately indicate the flow rate in the oxygen gas supply line to this equipment, in total standard cubic feet.

[RULE 1303(a)(1)-BACT, 5-10-1996; RULE 1401, 12-7-1990]

[Devices subject to this condition : D119]

D12.3 The operator shall install and maintain a(n) pressure gauge to accurately indicate the pressure in the oxygen gas supply line to this equipment, in pounds per square inch.

[RULE 1303(a)(1)-BACT, 5-10-1996; RULE 1401, 12-7-1990]

[Devices subject to this condition : D119]

D12.4 The operator shall install and maintain a(n) flow meter to accurately indicate the flow rate in the combustion air supply line to this equipment, in total standard cubic feet.

[RULE 1303(a)(1)-BACT, 5-10-1996; RULE 1401, 12-7-1990]

[Devices subject to this condition : D119]

FACILITY PERMIT TO OPERATE EXIDE TECHNOLOGIES

SECTION D: FACILITY DESCRIPTION AND EQUIPMENT SPECIFIC CONDITIONS

The operator shall comply with the terms and conditions set forth below:

- D12.5 The operator shall install and maintain a(n) triboelectric-type broken bag detector to accurately indicate the existence of a leak in the baghouse bags.

The measuring device or gauge shall be accurate to within the limits defined in the calibration protocol from the manufacturer. It shall be calibrated once every 12 months.

The continuous monitoring system shall include visual and audio alarms.

[**RULE 1303(a)(1)-BACT, 5-10-1996; RULE 1407, 7-8-1994**]

[Devices subject to this condition : C40, C41, C45, C144]

- D12.6 The operator shall install and maintain a(n) differential pressure gauge to accurately indicate the differential pressure across the bags, in inches water column.

[**RULE 1303(a)(1)-BACT, 5-10-1996; RULE 1407, 7-8-1994**]

[Devices subject to this condition : C40, C41, C45, C46, C47, C48, C144, C156, C157]

- D12.7 The operator shall install and maintain a(n) temperature gauge to accurately indicate the temperature in the baghouse inlet duct, in degrees Fahrenheit.

The operator shall also install and maintain a device to continuously record the parameter being measured.

The measuring device or gauge shall be accurate to within plus or minus 30 degrees Fahrenheit. It shall be calibrated once every 12 months.

[**RULE 1303(a)(1)-BACT, 5-10-1996; RULE 1303(a)(1)-BACT, 12-6-2002**]

[Devices subject to this condition : C46, C156, C157]

FACILITY PERMIT TO OPERATE EXIDE TECHNOLOGIES

SECTION D: FACILITY DESCRIPTION AND EQUIPMENT SPECIFIC CONDITIONS

The operator shall comply with the terms and conditions set forth below:

D12.8 The operator shall install and maintain a(n) non-resettable totalizing fuel meter to accurately indicate the fuel usage in the natural gas supply line to this equipment, in standard cubic feet.

[RULE 2012, 12-7-1995; RULE 2012, 4-9-1999]

[Devices subject to this condition : D7, D9, D11, D13, D15, D17, D19, D24, D26, D28, D30, D32, D34, D36, D115, D119]

D12.10 The operator shall install and maintain a(n) sensor to accurately indicate the existence of a leak in the the baghouse bags.

[RULE 1303(a)(1)-BACT, 5-10-1996]

[Devices subject to this condition : C46, C47, C48, C156, C157]

D12.11 The operator shall install and maintain a(n) flow meter to accurately indicate the flow rate in the baghouse inlet or outlet duct, in feet per minute.

[RULE 1407, 7-8-1994]

[Devices subject to this condition : C40, C41, C45, C46, C47]

D12.12 The operator shall install and maintain a(n) differential pressure gauge to accurately indicate the differential pressure across the scrubber, in inches water column.

[RULE 1303(a)(1)-BACT, 5-10-1996]

[Devices subject to this condition : C165]

FACILITY PERMIT TO OPERATE EXIDE TECHNOLOGIES

SECTION D: FACILITY DESCRIPTION AND EQUIPMENT SPECIFIC CONDITIONS

The operator shall comply with the terms and conditions set forth below:

D12.14 The operator shall install and maintain a(n) differential pressure gauge to accurately indicate the differential pressure across the HEPA filter mist eliminator, in inches water column.

The pressure differential across the HEPA filter mist eliminator shall not exceed 3.0 inches water column.

[RULE 1303(a)(1)-BACT, 5-10-1996; RULE 1420, 9-11-1992]

[Devices subject to this condition : C172]

D12.16 The operator shall install and maintain a(n) flow meter to accurately indicate the flow rate in the baghouse inlet or outlet duct, in feet per minute.

[RULE 1407, 7-8-1994]

[Devices subject to this condition : C156, C157]

D12.17 The operator shall install and maintain a(n) differential pressure gauge to accurately indicate the differential pressure across the cartridge filters, in inches water column.

[RULE 1303(a)(1)-BACT, 5-10-1996; RULE 1303(a)(1)-BACT, 12-6-2002]

[Devices subject to this condition : C38, C39]

D82.1 The operator shall install and maintain a CEMS to measure the following parameters:

FACILITY PERMIT TO OPERATE EXIDE TECHNOLOGIES

SECTION D: FACILITY DESCRIPTION AND EQUIPMENT SPECIFIC CONDITIONS

The operator shall comply with the terms and conditions set forth below:

NOX concentration in ppmv

CO concentration in ppmv

The CEMS will convert the actual NOX and CO concentrations to mass emission rates (lbs/hr) and record the hourly emission rates on a continuous basis.

The CEMS shall be installed and maintained to totalize the exhaust gas flow rate, in dry standard cubic feet. The SOx emissions in the common cupola and reverb scrubber stack outlet shall be quantified based on a concentration limit for SOx and total exhaust gas flow rate measured by the NOx CEMS. The SOx concentration limit shall be equal to 3.47 PPMv at actual stack conditions. Concentrations and exhaust gas flow rates shall be based on dry, standard conditions.

**[RULE 1303(b)(2)-Offset, 5-10-1996; RULE 2011, 12-7-1995; RULE 2011, 4-9-1999;
RULE 2012, 12-7-1995; RULE 2012, 4-9-1999]**

[Devices subject to this condition : S139]

FACILITY PERMIT TO OPERATE EXIDE TECHNOLOGIES

SECTION D: FACILITY DESCRIPTION AND EQUIPMENT SPECIFIC CONDITIONS

The operator shall comply with the terms and conditions set forth below:

D323.1 The operator shall conduct an inspection for visible emissions from all stacks and other emission points of this equipment whenever there is a public complaint of visible emissions, whenever visible emissions are observed, and on a semi-annual basis, at least, unless the equipment did not operate during the entire semi-annual period. The routine semi-annual inspection shall be conducted while the equipment is in operation and during daylight hours.

If any visible emissions (not including condensed water vapor) are detected that last more than three minutes in any one hour, the operator shall verify and certify within 24 hours that the equipment causing the emission and any associated air pollution control equipment are operating normally according to their design and standard procedures and under the same conditions under which compliance was achieved in the past, and either:

- 1). Take corrective action(s) that eliminates the visible emissions within 24 hours and report the visible emissions as a potential deviation in accordance with the reporting requirements in Section K of this permit; or
- 2). Have a CARB-certified smoke reader determine compliance with the opacity standard, using EPA Method 9 or the procedures in the CARB manual "Visible Emission Evaluation", within three business days and report any deviations to AQMD.

The operator shall keep the records in accordance with the recordkeeping requirements in Section K of this permit and the following records:

- 1). Stack or emission point identification;
- 2). Description of any corrective actions taken to abate visible emissions;
- 3). Date and time visible emission was abated; and
- 4). All visible emission observation records by operator or a certified smoke reader.

FACILITY PERMIT TO OPERATE EXIDE TECHNOLOGIES

SECTION D: FACILITY DESCRIPTION AND EQUIPMENT SPECIFIC CONDITIONS

The operator shall comply with the terms and conditions set forth below:

[RULE 3004(a)(4)-Periodic Monitoring, 8-11-1995]

[Devices subject to this condition : D1, D2, D7, D8, D9, D10, D11, D12, D13, D14, D15, D16, D17, D18, D19, D20, D24, D25, D26, D27, D28, D29, D30, D31, D32, D33, D34, D35, D36, D37, C42, C43, C44, D58, D59, D60, D61, D62, D63, D64, D65, D66, D67, D68, D69, D74, D75, D76, D77, D78, D79, D80, D81, D82, D83, D84, D85, D86, D87, D88, D89, D90, D91, D92, D93, D94, D95, D96, D97, D109, D110, D111, D112, D113, D114, D115, D116, D117, D118, D119, D120, D121, D122, D123, D124, D125, D126, D127, D128, D129, D130, D131, D132, D133, D135, D136, D137, D138, S139, C143, D151, D152, D153, D154, D155, C159, D161, C162, D164, C165, C172, D173, D183]

- D381.1 The operator shall conduct an inspection for visible emissions from all stacks and other emission points of this equipment whenever there is a public complaint of visible emissions, whenever visible emissions are observed, and on a quarterly basis, at least, unless the equipment did not operate during the entire quarterly period. The routine quarterly inspection shall be conducted while the equipment is in operation and during daylight hours. If any visible emissions (not including condensed water vapor) are detected, the operator shall take corrective action(s) that eliminates the visible emissions within 24 hours and report the visible emissions as a potential deviation in accordance with the reporting requirements in Section K of this permit.

The operator shall keep the records in accordance with the recordkeeping requirements in Section K of this permit and the following records:

- 1). Stack or emission point identification;
- 2). Description of any corrective actions taken to abate visible emissions; and
- 3). Date and time visible emission was abated.

FACILITY PERMIT TO OPERATE EXIDE TECHNOLOGIES

SECTION D: FACILITY DESCRIPTION AND EQUIPMENT SPECIFIC CONDITIONS

The operator shall comply with the terms and conditions set forth below:

[RULE 3004(a)(4)-Periodic Monitoring, 12-12-1997]

[Devices subject to this condition : C38, C39, C40, C41, C45, C46, C47, C48, S140, S141, S142, C144, S145, C156, C157, S158]

D381.2 The operator shall conduct an inspection for visible emissions from all stacks and other emission points of this equipment whenever there is a public complaint of visible emissions, whenever visible emissions are observed, and on an annual basis, at least, unless the equipment did not operate during the entire annual period. The routine annual inspection shall be conducted while the equipment is in operation and during daylight hours. If any visible emissions (not including condensed water vapor) are detected, the operator shall take corrective action(s) that eliminates the visible emissions within 24 hours and report the visible emissions as a potential deviation in accordance with the reporting requirements in Section K of this permit.

The operator shall keep the records in accordance with the recordkeeping requirements in Section K of this permit and the following records:

- 1). Stack or emission point identification;
- 2). Description of any corrective actions taken to abate visible emissions; and
- 3). Date and time visible emission was abated.

[RULE 3004(a)(4)-Periodic Monitoring, 12-12-1997]

[Devices subject to this condition : C98, C160, C163, S166]

E. Equipment Operation/Construction Requirements

E71.1 The operator shall not use this equipment to process coal, sawdust, rubber, plastics, paper, rags, oil, or grease.

FACILITY PERMIT TO OPERATE EXIDE TECHNOLOGIES

SECTION D: FACILITY DESCRIPTION AND EQUIPMENT SPECIFIC CONDITIONS

The operator shall comply with the terms and conditions set forth below:

[RULE 1303(b)(2)-Offset, 5-10-1996; RULE 1401, 12-7-1990]

[Devices subject to this condition : D7, D9, D11, D13, D15, D17, D19, D24, D26, D28, D30, D32, D34, D36]

E71.2 The operator shall only use fire retardant filter media in this equipment during operation.

[RULE 1303(a)(1)-BACT, 5-10-1996]

[Devices subject to this condition : C38, C39]

E71.3 The operator shall only operate this equipment if a spark suppression system with a spark detector is fully operational and properly maintained in this equipment.

[RULE 1303(a)(1)-BACT, 5-10-1996]

[Devices subject to this condition : C38, C39]

E102.1 The operator shall discharge dust collected in this equipment only into closed containers.

[RULE 1303(a)(1)-BACT, 5-10-1996; RULE 1420, 9-11-1992]

[Devices subject to this condition : C38, C39, C40, C41, C45, C46, C47, C48, C144, C156, C157, C159, C160, C162, C163]

E193.1 The operator shall operate and maintain this equipment according to the following requirements:

FACILITY PERMIT TO OPERATE EXIDE TECHNOLOGIES

SECTION D: FACILITY DESCRIPTION AND EQUIPMENT SPECIFIC CONDITIONS

The operator shall comply with the terms and conditions set forth below:

- A. The triboelectric-type broken bag detector shall be maintained in full operation whenever the equipment it serves is in operation
- B. The operator shall operate and maintain the triboelectric-type broken bag detector with a continuous monitoring system consisting of visual and audible alarms.
- C. A printout of the high level alarm log shall be generated from the computer system interfaced with each broken bag detector system each calendar day. This printout shall be saved as a hard copy, or saved in electronic TIFF or PDF format each day. This printout shall display, in graphical form, the analog output signal from the triboelectric sensor.
- D. The detector shall be maintained in accordance with the specifications defined in the operating instructions from the manufacturer. The detector zero point calibration shall be performed not less than once every twelve months in accordance with the procedures specified by the manufacturer, as submitted under Application No. 466858, and/or as amended.
- E. Whenever the manufacturer(s) or current procedure(s) for setting the annual zero point on the triboelectric-type broken bag detectors changes, the operator shall submit a revised set of written procedures to the AQMD and shall make these procedures and associated records available upon request by AQMD personnel.
- F. For the purpose of this condition, a deviation shall be defined as the indication by the triboelectric-type broken bag detector alarm of the existence of a leak in the baghouse bags during the operation of the equipment it serves.
- G. Whenever a deviation occurs, the operator shall inspect this equipment to identify the cause of such a deviation, take immediate corrective action, and keep records of the duration and cause (including unknown cause, if applicable) of the deviation and the corrective actions taken.
- H. All deviations shall be reported to the AQMD on a semi-annual basis pursuant to the requirements specified in 40 CFR Part 64.9 and Condition Nos. 22 and 23 in Section K of this permit. The semi-annual monitoring report shall include the total

FACILITY PERMIT TO OPERATE EXIDE TECHNOLOGIES

SECTION D: FACILITY DESCRIPTION AND EQUIPMENT SPECIFIC CONDITIONS

The operator shall comply with the terms and conditions set forth below:

operating time of this equipment and the total accumulated duration of all deviations for each semi-annual reporting period specified in Condition No. 23 in Section K of this permit.

I. The operator shall submit an application with a Quality Improvement Plan (QIP) in accordance with 40 CFR Part 64.8 to the AQMD if more than six deviations occur in any semi-annual reporting period specified in Condition No. 23 in Section K of this permit. The required QIP shall be submitted to the AQMD within 90 calendar days after the due date for the semi-annual monitoring report.

J. The operator shall inspect and maintain all components of this equipment on an annual basis in accordance with the manufacturer's specifications.

K. The operator shall keep adequate records in a format that is acceptable to the AQMD to demonstrate compliance with all applicable requirements specified in this condition and 40 CFR 64.9 for a minimum of five years.

[RULE 1407, 7-8-1994; RULE 1420, 9-11-1992; **40CFR 63 Subpart X, 6-23-2003;**
40CFR Part 64, 10-22-1997]

[Devices subject to this condition : C38, C39, C40, C41, C45, C46, C47, C144]

E448.2 The operator shall comply with the following requirements:

FACILITY PERMIT TO OPERATE EXIDE TECHNOLOGIES

SECTION D: FACILITY DESCRIPTION AND EQUIPMENT SPECIFIC CONDITIONS

The operator shall comply with the terms and conditions set forth below:

Exide shall install and maintain at least three (3) separate pressure differential monitoring systems inside the Total Containment Building so as to measure the negative pressure differential between the internal building atmosphere and the external atmosphere at all times. Each of these systems shall be operated pursuant to the following requirements:

A. Each building pressure differential monitoring system shall be equipped with a continuous chart recorder.

B. A minimum of one (1) building pressure differential monitoring system shall be installed at each of the following three (3) walls in the Total Containment Building.

1. Leeward wall inside of the Total Containment Building in accordance with 40 CFR 63 Subpart X.

2. The inside wall of the building opposite the leeward wall.

3. An inside wall location defined by the intersection of a perpendicular line between this wall and within plus or minus ten (10) meters of the midpoint of a straight line between the two other monitors described in Subparts (B)(1) and (B)(2) of this condition. For the purpose of this condition, the midpoint monitor shall NOT be located on the same walls as any of the other two monitors described in this condition.

C. The total open area of the RPMS total enclosure building shall not exceed 72.9 square feet, except for: solid doors opened during ingress and egress of personnel, and, the maintenance door opened during transport of equipment used for repairs.

D. The outer door on the truck enclosure attached to the RMPS building shall remain closed at all times except for periods of ingress and egress of trucks, trailers, equipment and/or personnel. The outer door on the truck enclosure shall remain closed throughout all periods of cargo loading and/or unloading.

E. The internal floor area, internal surfaces, and external surfaces, of the truck enclosure attached to the RMPS building shall be maintained visibly free of lead

FACILITY PERMIT TO OPERATE EXIDE TECHNOLOGIES

SECTION D: FACILITY DESCRIPTION AND EQUIPMENT SPECIFIC CONDITIONS

The operator shall comply with the terms and conditions set forth below:

contamination, to the maximum extent possible, pursuant to all applicable requirements in the Rule 1420 plan for this facility and with all applicable requirements in Rule 1420.1.

[RULE 1420, 9-11-1992; RULE 1420.1, 11-5-2010]

[Devices subject to this condition : C175, C179]

E448.3 The operator shall comply with the following requirements:

Exide shall install and maintain at least three (1) pressure differential monitoring system(s) inside the Total Containment Building so as to measure the negative pressure differential between the internal building atmosphere and the external atmosphere at all times. These system(s) shall be operated pursuant to the following requirements:

A. Each building pressure differential monitoring system shall be equipped with a continuous chart recorder.

B. A minimum of one (1) building pressure differential monitoring system shall be installed at the Leeward wall inside of the Total Containment Building in accordance with 40 CFR 63 Subpart X.

C. Building doors shall remain closed except for short periods of time required for ingress and egress of personnel and/or equipment into, and out of, the Total Enclosure Building.

[RULE 1420, 9-11-1992]

[Devices subject to this condition : C177, C182]

E448.4 The operator shall comply with the following requirements:

FACILITY PERMIT TO OPERATE EXIDE TECHNOLOGIES

SECTION D: FACILITY DESCRIPTION AND EQUIPMENT SPECIFIC CONDITIONS

The operator shall comply with the terms and conditions set forth below:

- 1) The HEPA filters used in this equipment shall be certified by the manufacturer to have a minimum control efficiency of 99.97 percent on 0.3 micron particles.
- 2) Dust collected in this equipment shall only be discharged into containers which shall be maintained closed after the disposal of dust from this equipment.
- 3) After use and/or whenever maintenance is performed on the HEPA vacuum sweeper, this equipment shall only be disassembled, emptied and/or cleaned within a total enclosure building which is vented to air pollution control system(s) which are in full use and which have been issued Permits to Construct and/or Operate by the Executive Officer of the AQMD.
- 4) Visible emissions shall not be discharged from any point on this equipment.
- 5) Identification tag(s) or name plate(s) shall be displayed on this equipment to show manufacturer model no. and serial no. The tag(s) or name plate(s) shall be affixed to this equipment in a permanent and conspicuous location.

[RULE 1420, 9-11-1992]

[Devices subject to this condition : C181]

E448.5 The operator shall comply with the following requirements:

FACILITY PERMIT TO OPERATE EXIDE TECHNOLOGIES

SECTION D: FACILITY DESCRIPTION AND EQUIPMENT SPECIFIC CONDITIONS

The operator shall comply with the terms and conditions set forth below:

- 1) Exide shall install and maintain the vehicle washing facility on the south side of its premises for the purpose of washing all vehicles leaving the process plant areas. This shall not include vehicles entering by the north entrance and picking up finished lead without entering the process areas.
- 2) Vehicles shall be cleaned by using a wet washing method. A record keeping system (with written documentation) that is acceptable to the District shall be developed for quality control inspections of each vehicle leaving the wash station to assure that the vehicle has been thoroughly washed. Written reports of each inspection shall be prepared and maintained from each shift. No vehicle shall exit the facility without passing inspection.
- 3) The vehicle washing facility shall employ best practices for collecting and disposing of lead contaminated water accumulated during the washing process. Those practices shall include the minimization of the amount of water which is allowed to dry exposed to atmosphere prior to collection for treatment.

[RULE 1420, 9-11-1992]

[Devices subject to this condition : D178]

E448.6 The operator shall comply with the following requirements:

- 1) The spark arrestor system shall be in full operation whenever the rotary dryer baghouse (device C144) is in operation.
- 2) The spark arrestor system shall be tested and calibrated not less than once per year, and more often if necessary, to ensure the system is functioning properly.

[RULE 1420, 9-11-1992]

[Devices subject to this condition : B176]

FACILITY PERMIT TO OPERATE EXIDE TECHNOLOGIES

SECTION D: FACILITY DESCRIPTION AND EQUIPMENT SPECIFIC CONDITIONS

The operator shall comply with the terms and conditions set forth below:

E448.7 The operator shall comply with the following requirements:

- A) Sodium nitrate added to the refining pot furnaces of device nos. D7, D9, D11, D13, D15, D17, D19, D24, D26, D28, D30, D32, D34, and D36, inclusive, shall only be charged by means of a screw conveyor feed system, except during a screw conveyor feed system malfunction.
- B) The operator shall keep a log indicating the total pounds of sodium nitrate charged to each pot furnace with a screw conveyor feed system each day and the corresponding device number of each pot furnace to which sodium nitrate is charged with a screw conveyor feed system.
- C) If the feed screw conveyor malfunctions, and the operator is required to charge sodium nitrate without a screw conveyor, the operator shall keep a log of the total pounds of sodium nitrate charged to each pot furnace without a screw conveyor feed system each day and the device number of each pot furnace to which sodium nitrate is charged without a screw conveyor feed system.
- D) For the purpose of the RECLAIM NO_x emission factor from sodium nitrate, a factor of 0.017 LBS/LB shall be used when sodium nitrate charged to a pot furnace is performed only with a screw conveyor feed system.
- E) For the purpose of the RECLAIM NO_x emission factor from sodium nitrate, a factor of 0.077 LBS/LB shall be used when sodium nitrate charged to a pot furnace is performed without a screw conveyor feed system.
- F) The operator shall keep a log of each screw conveyor feed system malfunction event. This log shall include the date(s) and duration for each malfunction, reason(s) for each malfunction, and the action(s) taken to place the screw conveyor feed system back into operation following each malfunction.
- G) The operator shall inspect and maintain all components of the sodium nitrate feed screw conveyor equipment on an annual basis, and more often if necessary, in accordance with the manufacturer's specifications.

FACILITY PERMIT TO OPERATE EXIDE TECHNOLOGIES

SECTION D: FACILITY DESCRIPTION AND EQUIPMENT SPECIFIC CONDITIONS

The operator shall comply with the terms and conditions set forth below:

[RULE 2012, 5-6-2005]

[Devices subject to this condition : D7, D9, D11, D13, D15, D17, D19, D24, D26, D28, D30, D32, D34, D36]

H. Applicable Rules

H23.1 This equipment is subject to the applicable requirements of the following rules or regulations:

Contaminant	Rule	Rule/Subpart
Refrigerants	40CFR82, SUBPART	F

[40CFR 82 Subpart F, 5-14-1993]

[Devices subject to this condition : E147]

H23.2 This equipment is subject to the applicable requirements of the following rules or regulations:

Contaminant	Rule	Rule/Subpart
VOC	District Rule	1122

[RULE 1122, 7-11-1997]

[Devices subject to this condition : E148]

FACILITY PERMIT TO OPERATE EXIDE TECHNOLOGIES

SECTION D: FACILITY DESCRIPTION AND EQUIPMENT SPECIFIC CONDITIONS

The operator shall comply with the terms and conditions set forth below:

H116.1 The operator shall ensure that the exhaust system conforms to design and operation specifications given in the most current edition of "Industrial Ventilation, Guidelines and Recommended Practices", published by the American Conference of Governmental and Industrial Hygienists (20th edition or thereafter) in order to comply with Rules 1407 and 1420 whenever the equipment vented by this air pollution control system is in operation.

[RULE 1407, 7-8-1994; RULE 1420, 9-11-1992]

[Devices subject to this condition : C40, C41, C45, C46, C47, C48, C144, C156, C157, C159, C160]

H116.2 The operator shall be subject to the requirements stated in Rules 1407 and 1420 in order to comply with these rules whenever this equipment is in operation.

[RULE 1407, 7-8-1994; RULE 1420, 9-11-1992]

[Devices subject to this condition : D7, D9, D11, D13, D15, D17, D19, D24, D26, D28, D30, D32, D34, D36, C38, C39, C40, C41, C42, C43, C44, C45, C46, C47, C48, D115, D119, D128, C144]

H116.3 The operator shall ensure that the exhaust system conforms to design and operation specifications given in the most current edition of "Industrial Ventilation, Guidelines and Recommended Practices", published by the American Conference of Governmental and Industrial Hygienists (20th edition or thereafter) in order to comply with Rule 1420 whenever the equipment vented by this air pollution control system is in operation.

[RULE 1420, 9-11-1992]

[Devices subject to this condition : C162, C163, C165, C172]

FACILITY PERMIT TO OPERATE EXIDE TECHNOLOGIES

SECTION D: FACILITY DESCRIPTION AND EQUIPMENT SPECIFIC CONDITIONS

The operator shall comply with the terms and conditions set forth below:

H116.4 The operator shall ensure that the bag and/or filter leak detection system meets the requirements of 40 CFR Part 63, Subpart X, Sections 63.548 (e) (1) through (e) (8), and shall follow the procedures outlined in the USEPAs Fabric Filter Bag Leak Detection Guidance dated September 1997 or any revisions thereafter in order to comply with the National Emission Standards for Secondary Lead Smelting whenever this equipment is in operation.

[40CFR 63 Subpart X, 6-23-2003; 40CFR Part 64, 10-22-1997]

[Devices subject to this condition : C38, C39, C40, C41, C45, C46, C47, C144, C156, C157]

K. Record Keeping/Reporting

K67.1 The operator shall keep records, in a manner approved by the District, for the following parameter(s) or item(s):

The calendar dates on which calibrations of the triboelectric-type broken filter detector are performed.

A copy of the protocol from the manufacturer used to calibrate the triboelectric-type broken filter detector.

Documentation from the manufacturer certifying that all filter media used in this equipment is fire retardant.

[RULE 1303(a)(1)-BACT, 5-10-1996]

[Devices subject to this condition : C38, C39]

K67.2 The operator shall keep records, in a manner approved by the District, for the following parameter(s) or item(s):

FACILITY PERMIT TO OPERATE EXIDE TECHNOLOGIES

SECTION D: FACILITY DESCRIPTION AND EQUIPMENT SPECIFIC CONDITIONS

The operator shall comply with the terms and conditions set forth below:

The calendar dates on which triboelectric-type broken bag detector calibrations are performed.

A copy of the protocol from the manufacturer used to calibrate the triboelectric-type broken bag detector

Records from the baghouse inlet temperature recording device.

The calendar dates on which the baghouse inlet temperature indicating and recording device is calibrated.

[RULE 1303(a)(1)-BACT, 5-10-1996; RULE 1407, 7-8-1994]

[Devices subject to this condition : C40, C41, C45, C144]

K67.3 The operator shall keep records, in a manner approved by the District, for the following parameter(s) or item(s):

Records from the baghouse inlet temperature recording device.

The calendar dates on which the baghouse inlet temperature indicating and recording device is calibrated.

[RULE 1303(a)(1)-BACT, 5-10-1996; RULE 1407, 7-8-1994]

[Devices subject to this condition : C46, C47]

K67.4 The operator shall keep records, in a manner approved by the District, for the following parameter(s) or item(s):

FACILITY PERMIT TO OPERATE EXIDE TECHNOLOGIES

SECTION D: FACILITY DESCRIPTION AND EQUIPMENT SPECIFIC CONDITIONS

The operator shall comply with the terms and conditions set forth below:

For architectural applications where no thinners, reducers, or other VOC containing materials are added, maintain semi-annual records for all coating consisting of (a) coating type, (b) VOC content as supplied in grams per liter (g/l) of materials for low-solids coatings, (c) VOC content as supplied in g/l of coating, less water and exempt solvent, for other coatings.

For architectural applications where thinners, reducers, or other VOC containing materials are added, maintain daily records for each coating consisting of (a) coating type, (b) VOC content as applied in grams per liter (g/l) of materials used for low-solids coatings, (c) VOC content as applied in g/l of coating, less water and exempt solvent, for other coatings.

[RULE 1113, 5-14-1999; RULE 1171, 6-13-1997; RULE 1171, 10-8-1999]

[Devices subject to this condition : E150]

K67.5 The operator shall keep records, in a manner approved by the District, for the following parameter(s) or item(s):

The total amount, in tons, of all materials charged to the cupola furnace each day.

[RULE 1303(b)(2)-Offset, 5-10-1996; RULE 1401, 12-7-1990]

[Devices subject to this condition : D128]

K67.7 The operator shall keep records, in a manner approved by the District, for the following parameter(s) or item(s):

A daily operating log documenting venturi and tray scrubber liquid flow rates, in gallons per minute, and liquid pH, with liquid flow rate entries made at intervals not to exceed 1 hour, and liquid pH entries made at intervals not to exceed 4 hours.

A daily operating log documenting venturi and tray scrubber pressure differentials, in inches water column, with entries made at intervals not to exceed 1 hour.

FACILITY PERMIT TO OPERATE EXIDE TECHNOLOGIES

SECTION D: FACILITY DESCRIPTION AND EQUIPMENT SPECIFIC CONDITIONS

The operator shall comply with the terms and conditions set forth below:

**[RULE 1303(a)(1)-BACT, 5-10-1996; RULE 1303(b)(2)-Offset, 5-10-1996; 40CFR 63
Subpart X, 6-23-2003]**

[Devices subject to this condition : C42, C43]

K67.8 The operator shall keep records, in a manner approved by the District, for the following parameter(s) or item(s):

Records from the afterburner temperature recording device.

The dates on which calibrations of the afterburner temperature recording devices are performed.

**[RULE 1303(a)(1)-BACT, 5-10-1996; RULE 1303(b)(2)-Offset, 5-10-1996; 40CFR 63
Subpart X, 6-23-2003]**

[Devices subject to this condition : C44]

K67.9 The operator shall keep records, in a manner approved by the District, for the following parameter(s) or item(s):

FACILITY PERMIT TO OPERATE EXIDE TECHNOLOGIES

SECTION D: FACILITY DESCRIPTION AND EQUIPMENT SPECIFIC CONDITIONS

The operator shall comply with the terms and conditions set forth below:

Records from the CEMS systems, including the following:

- a. Average O₂ concentration, in volume percent, each 15 minutes.
- b. Average CO concentration, in dry parts per million volume, each 15 minutes.
- c. Average exhaust gas flow rate, in actual cubic feet per minute, each 15 minute period.
- d. Average exhaust gas moisture, in volume percent, each 15 minute period.
- e. Average exhaust gas temperature, in degrees Fahrenheit, each 15 minute period.
- f. Total CO exhaust gas emission rate, in total pounds per each 15 minute period, in total pounds per each day, and in average pounds per day each calendar month.

[RULE 1303(a)(1)-BACT, 5-10-1996; RULE 1303(b)(2)-Offset, 5-10-1996; 40CFR 63 Subpart X, 6-23-2003]

[Devices subject to this condition : S139]

K67.10 The operator shall keep records, in a manner approved by the District, for the following parameter(s) or item(s):

The total quantity, in tons each, of total material, total carbon coke, and total additional plastic and rubber charged to the rotary dryer furnace each day.

The total quantity, in standard cubic feet, of natural gas consumed in the rotary dryer furnace each day.

[RULE 1303(a)(1)-BACT, 5-10-1996; RULE 1303(b)(2)-Offset, 5-10-1996; RULE 1401, 12-7-1990]

[Devices subject to this condition : D115]

FACILITY PERMIT TO OPERATE EXIDE TECHNOLOGIES

SECTION D: FACILITY DESCRIPTION AND EQUIPMENT SPECIFIC CONDITIONS

The operator shall comply with the terms and conditions set forth below:

K67.11 The operator shall keep records, in a manner approved by the District, for the following parameter(s) or item(s):

The total quantity, in standard cubic feet, of natural gas consumed in the reverberatory furnace each day.

The total quantity, in standard cubic feet, of enrichment oxygen supplied to the reverberatory furnace each day.

The total quantity, in standard cubic feet, of combustion air, supplied to the reverberatory furnace each day.

The daily average level of oxygen enrichment percent calculated for the reverberatory furnace.

[RULE 1303(a)(1)-BACT, 5-10-1996; RULE 1303(b)(2)-Offset, 5-10-1996; RULE 1401, 12-7-1990]

[Devices subject to this condition : D119]

K171.3 The operator shall provide to the District the following items:

The operator shall keep and maintain the following information and provide it upon request of District personnel.

- 1) The information required by condition E448.4 part 5.
- 2) The number of working hours per day involving lead removal.
- 3) The date and time of each HEPA filter replacement.
- 4) A copy of the manufacturer's certification of efficiency for the HEPA filter(s).

FACILITY PERMIT TO OPERATE EXIDE TECHNOLOGIES

SECTION D: FACILITY DESCRIPTION AND EQUIPMENT SPECIFIC CONDITIONS

The operator shall comply with the terms and conditions set forth below:

[RULE 1420, 9-11-1992]

[Devices subject to this condition : C181]