

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, 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		PM: (9) [RULE 404,2-7-1986]	C8.4, D12.12, D323.1, H116.3
FILTER, HEPA, MIDWEST AIR PRODUCTS, MODEL MW-100-24 A/N:	C172	C165 S166			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
System 2 : FEED DRYING SYSTEM					
HOPPER, DRYER FEED A/N:	D109	C156 C157		LEAD: (10) [40CFR 63 Subpart X, #01,1-29-1999] ; PM: (9) [RULE 405,2-7-1986]	D323.1

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 (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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HOPPER, DRYER FEED A/N:	D110	C156 C157		LEAD: (10) [40CFR 63 Subpart X, #01,1-29-1999] ; PM: (9) [RULE 405,2-7-1986]	D323.1
CONVEYOR, BELT A/N:	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:	D112	C156 C157		LEAD: (10) [40CFR 63 Subpart X, #01,1-29-1999] ; PM: (9) [RULE 405,2-7-1986]	D323.1
CONVEYOR, SCREW A/N:	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:	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:	D114	C143		LEAD: (10) [40CFR 63 Subpart X, #01,1-29-1999] ; PM: (9) [RULE 405,2-7-1986]	D323.1
DRYER, ROTARY, NATURAL GAS, FEED DRYING, 8 MMBTU/HR A/N:	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]	B295.1, C6.1, D12.8, D323.1, H116.2, K67.10

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Process 1 : SECONDARY METALS, LEAD SMELTING PROCESS					
				<i>RULE 2012,4-9-1999</i> ; PM: 0.1 GRAINS/SCF (5) [RULE 409,8-7-1981] ; PM: (9) [RULE 405,2-7-1986] ; SOX: 0.005 LBS/TON MATERIAL (1) [RULE 2011,12-7-1995] <i>RULE 2011,4-9-1999</i>	
CONVEYOR, SCREW, DRYER DISCHARGE A/N:	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: 374221	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: 374221	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
STACK, HEIGHT: 69 FT; DIAMETER: 3 FT A/N: 374221	S145	C144			D381.1
System 3 : LEAD SMELTING SYSTEM					
FEEDER, RAM TYPE A/N:	D117	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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Process 1 : SECONDARY METALS, LEAD SMELTING PROCESS					
FEEDER, RAM TYPE A/N:	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:	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: 0.022 GRAINS/SCF (8A) [40CFR 60 Subpart L,12-3-1976] PM: (9) [RULE 405,2-7-1986] ; PM: 0.1 GRAINS/SCF (5) [RULE 409,8-7-1981] ; SOX: 3.47 PPMV (3) [RULE 2011,12-7-1995 <i>RULE 2011,4-9-1999]</i>	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:	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:	D121	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:	D122	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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Process 1 : SECONDARY METALS, LEAD SMELTING PROCESS					
LAUNDER, LEAD, REVERB TAP A/N:	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:	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:	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: 0.022 GRAINS/SCF (8A) [40CFR 60 Subpart L,12-3-1976]	A63.2, B59.2, B163.2, C1.2, D323.1, H116.2, K67.5

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				PM: (9) [RULE 405,2-7-1986] ; PM: 0.1 GRAINS/SCF (5) [RULE 409,8-7-1981] ; SOX: 3.47 PPMV (3) [RULE 2011,12-7-1995 <i>RULE 2011,4-9-1999]</i>	
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

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Process 1 : SECONDARY METALS, LEAD SMELTING PROCESS					
System 5 : LEAD METAL REFINING SYSTEM					
FURNACE, POT, NO. 1, NATURAL GAS, HARD LEAD, 2.5 MMBTU/HR A/N: 374206	D7	C38 C39 C46	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 <i>RULE 2012,4-9-1999</i>] ; NOX: 0.077 LBS/LB MATERIAL (1) [RULE 2012,12-7-1995; <i>RULE 2012,4-9-1999</i>] ; PM: 0.1 GRAINS/SCF (5) [RULE 409,8-7-1981] PM: (9) [RULE 405,2-7-1986] ; SOX: 0.83 LBS/MMSCF NATURAL GAS (1) [RULE 2011,12-7-1995; <i>RULE 2011,4-9-1999</i>] ; SOX: 0.133 LBS/LB MATERIAL (1) [RULE 2011,12-7-1995 <i>RULE 2011,4-9-1999</i>]	A63.2, B295.2, B295.3, D12.8, D323.1, E71.1, H116.2
HOPPER, DUMP, DROSS A/N: 374206	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: 374208	D9	C38 C39 C46	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 <i>RULE 2012,4-9-1999</i>] ; NOX: 0.077 LBS/LB MATERIAL (1) [RULE 2012,12-7-1995; <i>RULE 2012,4-9-1999</i>] ; PM: 0.1 GRAINS/SCF (5) [RULE 409,8-7-1981] PM: (9) [RULE 405,2-7-1986] ; SOX: 0.83 LBS/MMSCF NATURAL GAS (1) [RULE 2011,12-7-1995; <i>RULE 2011,4-9-1999</i>] ; SOX: 0.133 LBS/LB MATERIAL (1) [RULE 2011,12-7-1995 <i>RULE 2011,4-9-1999</i>]	A63.2, B295.2, B295.3, D12.8, D323.1, E71.1, H116.2
HOPPER, DUMP, DROSS A/N: 374208	D10	C38 C39 C46		LEAD: (10) [40CFR 63 Subpart X, #01,1-29-1999] ; PM: (9) [RULE 405,2-7-1986]	D323.1
FURNACE, POT, NO. 3, NATURAL GAS, HARD LEAD , 2.5 MMBTU/HR A/N: 374210	D11	C38 C39 C46	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	A63.2, B295.2, B295.3, D12.8, D323.1, E71.1, H116.2

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HOPPER, DUMP, DROSS A/N: 374210	D12	C38 C39 C46		LEAD: (10) [40CFR 63 Subpart X, #01,1-29-1999] ; PM: (9) [<i>RULE 405,2-7-1986</i>]	D323.1
FURNACE, POT, NO. 4, NATURAL GAS, HARD LEAD, 2.5 MMBTU/HR A/N: 374211	D13	C38 C39 C46	NOX: PROCESS UNIT** ; SOX: PROCESS UNIT**	CO: 2000 PPMV (5) [<i>RULE 407,4-2-1982</i>] ; LEAD: (10) [40CFR 63 Subpart X, #01,1-29-1999] ; NOX: 130 LBS/MMSCF NATURAL GAS (1) [<i>RULE 2012,12-7-1995</i>]	A63.2, B295.2, B295.3, D12.8, D323.1, E71.1, H116.2

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HOPPER, DUMP, DROSS A/N: 374211	D14	C38 C39 C46		LEAD: (10) [40CFR 63 Subpart X, #01,1-29-1999] ; PM: (9) [<i>RULE 405,2-7-1986</i>]	D323.1
FURNACE, POT, NO. 5, NATURAL GAS, SPECIALTY LEAD, 2.5 MMBTU/HR A/N: 374212	D15	C38 C39 C46	NOX: PROCESS UNIT** ; SOX: PROCESS UNIT**	CO: 2000 PPMV (5) [<i>RULE 407,4-2-1982</i>] ; LEAD: (10) [40CFR 63 Subpart X, #01,1-29-1999] ; NOX: 130 LBS/MMSCF NATURAL GAS (1) [<i>RULE 2012,12-7-1995</i>]	A63.2, B295.2, B295.3, D12.8, D323.1, E71.1, H116.2

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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					
				<p><i>RULE 2012,4-9-1999</i>] ; NOX: 0.077 LBS/LB MATERIAL (1) [<i>RULE 2012,12-7-1995;RULE 2012,4-9-1999</i>] ; PM: 0.1 GRAINS/SCF (5) [<i>RULE 409,8-7-1981</i>]</p> <p>PM: (9) [<i>RULE 405,2-7-1986</i>] ; SOX: 0.83 LBS/MMSCF NATURAL GAS (1) [<i>RULE 2011,12-7-1995;RULE 2011,4-9-1999</i>] ; SOX: 0.133 LBS/LB MATERIAL (1) [<i>RULE 2011,12-7-1995</i>]</p> <p><i>RULE 2011,4-9-1999</i>]</p>	
HOPPER, DUMP, DROSS A/N: 374212	D16	C38 C39 C46		LEAD: (10) [40CFR 63 Subpart X, #01,1-29-1999] ; PM: (9) [<i>RULE 405,2-7-1986</i>]	D323.1
FURNACE, POT, A, NATURAL GAS, HARD LEAD, 2.5 MMBTU/HR A/N: 374199	D17	C38 C39 C46	NOX: PROCESS UNIT**; SOX: PROCESS UNIT**	CO: 2000 PPMV (5) [<i>RULE 407,4-2-1982</i>] ; LEAD: (10) [40CFR 63 Subpart X, #01,1-29-1999] ; NOX: 130 LBS/MMSCF NATURAL GAS (1) [<i>RULE 2012,12-7-1995</i>]	A63.2, B295.2, B295.3, D12.8, D323.1, E71.1, H116.2

* (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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Process 1 : SECONDARY METALS, LEAD SMELTING PROCESS					
				<p><i>RULE 2012,4-9-1999</i>] ; NOX: 0.077 LBS/LB MATERIAL (1) [<i>RULE 2012,12-7-1995</i>;<i>RULE 2012,4-9-1999</i>] ; PM: 0.1 GRAINS/SCF (5) [<i>RULE 409,8-7-1981</i>]</p> <p>PM: (9) [<i>RULE 405,2-7-1986</i>] ; SOX: 0.83 LBS/MMSCF NATURAL GAS (1) [<i>RULE 2011,12-7-1995</i>;<i>RULE 2011,4-9-1999</i>] ; SOX: 0.133 LBS/LB MATERIAL (1) [<i>RULE 2011,12-7-1995</i>]</p> <p><i>RULE 2011,4-9-1999</i>]</p>	
HOPPER, DUMP, DROSS A/N: 374199	D18	C38 C39 C46		LEAD: (10) [40CFR 63 Subpart X, #01,1-29-1999] ; PM: (9) [<i>RULE 405,2-7-1986</i>]	D323.1
FURNACE, POT, B, NATURAL GAS, HARD LEAD, 2.5 MMBTU/HR A/N: 374200	D19	C38 C39 C46	NOX: PROCESS UNIT** ; SOX: PROCESS UNIT**	CO: 2000 PPMV (5) [<i>RULE 407,4-2-1982</i>] ; LEAD: (10) [40CFR 63 Subpart X, #01,1-29-1999] ; NOX: 130 LBS/MMSCF NATURAL GAS (1) [<i>RULE 2012,12-7-1995</i>]	A63.2, B295.2, B295.3, D12.8, D323.1, E71.1, H116.2

* (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.)
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Equipment	ID No.	Connected To	RECLAIM Source Type/ Monitoring Unit	Emissions * And Requirements	Conditions
Process 1 : SECONDARY METALS, LEAD SMELTING PROCESS					
				<p><i>RULE 2012,4-9-1999</i>] ; NOX: 0.077 LBS/LB MATERIAL (1) [<i>RULE 2012,12-7-1995;RULE 2012,4-9-1999</i>] ; PM: 0.1 GRAINS/SCF (5) [<i>RULE 409,8-7-1981</i>]</p> <p>PM: (9) [<i>RULE 405,2-7-1986</i>] ; SOX: 0.83 LBS/MMSCF NATURAL GAS (1) [<i>RULE 2011,12-7-1995;RULE 2011,4-9-1999</i>] ; SOX: 0.133 LBS/LB MATERIAL (1) [<i>RULE 2011,12-7-1995</i>]</p> <p><i>RULE 2011,4-9-1999</i>]</p>	
HOPPER, DUMP, DROSS A/N: 374200	D20	C38 C39 C46		LEAD: (10) [40CFR 63 Subpart X, #01,1-29-1999] ; PM: (9) [<i>RULE 405,2-7-1986</i>]	D323.1
FURNACE, POT, NO. 6, NATURAL GAS, SOFT LEAD, 2.5 MMBTU/HR A/N: 374214	D24	C38 C39 C47	NOX: PROCESS UNIT** ; SOX: PROCESS UNIT**	CO: 2000 PPMV (5) [<i>RULE 407,4-2-1982</i>] ; LEAD: (10) [40CFR 63 Subpart X, #01,1-29-1999] ; NOX: 130 LBS/MMSCF NATURAL GAS (1) [<i>RULE 2012,12-7-1995</i>]	A63.2, B295.2, B295.3, D12.8, D323.1, E71.1, H116.2

* (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.)
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SECTION D: FACILITY DESCRIPTION AND EQUIPMENT SPECIFIC CONDITIONS

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Equipment	ID No.	Connected To	RECLAIM Source Type/ Monitoring Unit	Emissions * And Requirements	Conditions
Process 1 : SECONDARY METALS, LEAD SMELTING PROCESS					
				<p><i>RULE 2012,4-9-1999</i>] ; NOX: 0.017 LBS/LB MATERIAL (1) [<i>RULE 2012,12-7-1995</i>;<i>RULE 2012,4-9-1999</i>] ; PM: 0.1 GRAINS/SCF (5) [<i>RULE 409,8-7-1981</i>]</p> <p>PM: (9) [<i>RULE 405,2-7-1986</i>] ; SOX: 0.83 LBS/MMSCF NATURAL GAS (1) [<i>RULE 2011,12-7-1995</i>;<i>RULE 2011,4-9-1999</i>] ; SOX: 0.133 LBS/LB MATERIAL (1) [<i>RULE 2011,12-7-1995</i>]</p> <p><i>RULE 2011,4-9-1999</i>]</p>	
HOPPER, DUMP, DROSS A/N: 374214	D25	C38 C39 C47		LEAD: (10) [40CFR 63 Subpart X, #01,1-29-1999] ; PM: (9) [<i>RULE 405,2-7-1986</i>]	D323.1
FURNACE, POT, NO. 7, NATURAL GAS, SOFT LEAD, 2.5 MMBTU A/N: 374215	D26	C38 C39 C47	NOX: PROCESS UNIT** ; SOX: PROCESS UNIT**	CO: 2000 PPMV (5) [<i>RULE 407,4-2-1982</i>] ; LEAD: (10) [40CFR 63 Subpart X, #01,1-29-1999] ; NOX: 130 LBS/MMSCF NATURAL GAS (1) [<i>RULE 2012,12-7-1995</i>]	A63.2, B295.2, B295.3, D12.8, D323.1, E71.1, H116.2

* (1)(1A)(1B) Denotes RECLAIM emission factor (2)(2A)(2B) Denotes RECLAIM emission rate
 (3) Denotes RECLAIM concentration limit (4) Denotes BACT emission limit
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Process 1 : SECONDARY METALS, LEAD SMELTING PROCESS					
				<p><i>RULE 2012,4-9-1999</i>] ; NOX: 0.017 LBS/LB MATERIAL (1) [<i>RULE 2012,12-7-1995;RULE 2012,4-9-1999</i>] ; PM: 0.1 GRAINS/SCF (5) [<i>RULE 409,8-7-1981</i>]</p> <p>PM: (9) [<i>RULE 405,2-7-1986</i>] ; SOX: 0.83 LBS/MMSCF NATURAL GAS (1) [<i>RULE 2011,12-7-1995;RULE 2011,4-9-1999</i>] ; SOX: 0.133 LBS/LB MATERIAL (1) [<i>RULE 2011,12-7-1995</i>]</p> <p><i>RULE 2011,4-9-1999</i>]</p>	
HOPPER, DUMP, DROSS A/N: 374215	D27	C38 C39 C47		LEAD: (10) [40CFR 63 Subpart X, #01,1-29-1999] ; PM: (9) [<i>RULE 405,2-7-1986</i>]	D323.1
FURNACE, POT, NO. 8, NATURAL GAS, SOFT LEAD, 2.5 MMBTU/HR A/N: 374216	D28	C38 C39 C47	NOX: PROCESS UNIT** ; SOX: PROCESS UNIT**	CO: 2000 PPMV (5) [<i>RULE 407,4-2-1982</i>] ; LEAD: (10) [40CFR 63 Subpart X, #01,1-29-1999] ; NOX: 130 LBS/MMSCF NATURAL GAS (1) [<i>RULE 2012,12-7-1995</i>]	A63.2, B295.2, B295.3, D12.8, D323.1, E71.1, H116.2

* (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
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Process 1 : SECONDARY METALS, LEAD SMELTING PROCESS					
				<p><i>RULE 2012,4-9-1999</i>] ; NOX: 0.017 LBS/LB MATERIAL (1) [<i>RULE 2012,12-7-1995</i>;<i>RULE 2012,4-9-1999</i>] ; PM: 0.1 GRAINS/SCF (5) [<i>RULE 409,8-7-1981</i>]</p> <p>PM: (9) [<i>RULE 405,2-7-1986</i>] ; SOX: 0.83 LBS/MMSCF NATURAL GAS (1) [<i>RULE 2011,12-7-1995</i>;<i>RULE 2011,4-9-1999</i>] ; SOX: 0.133 LBS/LB MATERIAL (1) [<i>RULE 2011,12-7-1995</i>]</p> <p><i>RULE 2011,4-9-1999</i>]</p>	
HOPPER, DUMP, DROSS A/N: 374216	D29	C38 C39 C47		LEAD: (10) [40CFR 63 Subpart X, #01,1-29-1999] ; PM: (9) [<i>RULE 405,2-7-1986</i>]	D323.1
FURNACE, POT, NO. 9, NATURAL GAS, SOFT LEAD, 2.5 MMBTU/HR A/N: 374217	D30	C38 C39 C47	NOX: PROCESS UNIT** ; SOX: PROCESS UNIT**	CO: 2000 PPMV (5) [<i>RULE 407,4-2-1982</i>] ; LEAD: (10) [40CFR 63 Subpart X, #01,1-29-1999] ; NOX: 130 LBS/MMSCF NATURAL GAS (1) [<i>RULE 2012,12-7-1995</i>]	A63.2, B295.2, B295.3, D12.8, D323.1, E71.1, H116.2

* (1)(1A)(1B) Denotes RECLAIM emission factor (2)(2A)(2B) Denotes RECLAIM emission rate
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Process 1 : SECONDARY METALS, LEAD SMELTING PROCESS					
				<p><i>RULE 2012,4-9-1999</i>] ; NOX: 0.017 LBS/LB MATERIAL (1) [<i>RULE 2012,12-7-1995</i>;<i>RULE 2012,4-9-1999</i>] ; PM: 0.1 GRAINS/SCF (5) [<i>RULE 409,8-7-1981</i>]</p> <p>PM: (9) [<i>RULE 405,2-7-1986</i>] ; SOX: 0.83 LBS/MMSCF NATURAL GAS (1) [<i>RULE 2011,12-7-1995</i>;<i>RULE 2011,4-9-1999</i>] ; SOX: 0.133 LBS/LB MATERIAL (1) [<i>RULE 2011,12-7-1995</i>]</p> <p><i>RULE 2011,4-9-1999</i>]</p>	
HOPPER, DUMP, DROSS A/N: 374217	D31	C38 C39 C47		LEAD: (10) [40CFR 63 Subpart X, #01,1-29-1999] ; PM: (9) [<i>RULE 405,2-7-1986</i>]	D323.1
FURNACE, POT, G, NATURAL GAS, SOFT LEAD, 2.5 MMBTU/HR A/N: 374204	D32	C38 C39 C47	NOX: PROCESS UNIT**; SOX: PROCESS UNIT**	CO: 2000 PPMV (5) [<i>RULE 407,4-2-1982</i>] ; LEAD: (10) [40CFR 63 Subpart X, #01,1-29-1999] ; NOX: 130 LBS/MMSCF NATURAL GAS (1) [<i>RULE 2012,12-7-1995</i>]	A63.2, B295.2, B295.3, D12.8, D323.1, E71.1, H116.2

* (1)(1A)(1B) Denotes RECLAIM emission factor (2)(2A)(2B) Denotes RECLAIM emission rate
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Process 1 : SECONDARY METALS, LEAD SMELTING PROCESS					
				<p><i>RULE 2012,4-9-1999</i>] ; NOX: 0.077 LBS/LB MATERIAL (1) [<i>RULE 2012,12-7-1995</i>;<i>RULE 2012,4-9-1999</i>] ; PM: 0.1 GRAINS/SCF (5) [<i>RULE 409,8-7-1981</i>]</p> <p>PM: (9) [<i>RULE 405,2-7-1986</i>] ; SOX: 0.83 LBS/MMSCF NATURAL GAS (1) [<i>RULE 2011,12-7-1995</i>;<i>RULE 2011,4-9-1999</i>] ; SOX: 0.133 LBS/LB MATERIAL (1) [<i>RULE 2011,12-7-1995</i>]</p> <p><i>RULE 2011,4-9-1999</i>]</p>	
HOPPER, DUMP, DROSS A/N: 374204	D33	C38 C39 C47		LEAD: (10) [40CFR 63 Subpart X, #01,1-29-1999] ; PM: (9) [<i>RULE 405,2-7-1986</i>]	D323.1
FURNACE, POT, E, NATURAL GAS, SOFT LEAD, 2.5 MMBTU/HR A/N: 374201	D34	C38 C39 C47	NOX: PROCESS UNIT** ; SOX: PROCESS UNIT**	CO: 2000 PPMV (5) [<i>RULE 407,4-2-1982</i>] ; LEAD: (10) [40CFR 63 Subpart X, #01,1-29-1999] ; NOX: 130 LBS/MMSCF NATURAL GAS (1) [<i>RULE 2012,12-7-1995</i>]	A63.2, B295.2, B295.3, D12.8, D323.1, E71.1, H116.2

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Process 1 : SECONDARY METALS, LEAD SMELTING PROCESS					
				<p><i>RULE 2012,4-9-1999</i>] ; NOX: 0.077 LBS/LB MATERIAL (1) [<i>RULE 2012,12-7-1995</i>;<i>RULE 2012,4-9-1999</i>] ; PM: 0.1 GRAINS/SCF (5) [<i>RULE 409,8-7-1981</i>]</p> <p>PM: (9) [<i>RULE 405,2-7-1986</i>] ; SOX: 0.83 LBS/MMSCF NATURAL GAS (1) [<i>RULE 2011,12-7-1995</i>;<i>RULE 2011,4-9-1999</i>] ; SOX: 0.133 LBS/LB MATERIAL (1) [<i>RULE 2011,12-7-1995</i>]</p> <p><i>RULE 2011,4-9-1999</i>]</p>	
HOPPER, DUMP, DROSS A/N: 374201	D35	C38 C39 C47		LEAD: (10) [40CFR 63 Subpart X, #01,1-29-1999] ; PM: (9) [<i>RULE 405,2-7-1986</i>]	D323.1
FURNACE, POT, F, NATURAL GAS, SOFT LEAD, 2.5 MMBTU/HR A/N: 374202	D36	C38 C39 C47	NOX: PROCESS UNIT**; SOX: PROCESS UNIT**	CO: 2000 PPMV (5) [<i>RULE 407,4-2-1982</i>] ; LEAD: (10) [40CFR 63 Subpart X, #01,1-29-1999] ; NOX: 130 LBS/MMSCF NATURAL GAS (1) [<i>RULE 2012,12-7-1995</i>]	A63.2, B295.2, B295.3, D12.8, D323.1, E71.1, H116.2

* (1)(1A)(1B) Denotes RECLAIM emission factor (2)(2A)(2B) Denotes RECLAIM emission rate
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				<p><i>RULE 2012,4-9-1999</i>] ; NOX: 0.077 LBS/LB MATERIAL (1) [<i>RULE 2012,12-7-1995;RULE 2012,4-9-1999</i>] ; PM: 0.1 GRAINS/SCF (5) [<i>RULE 409,8-7-1981</i>]</p> <p>PM: (9) [<i>RULE 405,2-7-1986</i>] ; SOX: 0.83 LBS/MMSCF NATURAL GAS (1) [<i>RULE 2011,12-7-1995;RULE 2011,4-9-1999</i>] ; SOX: 0.133 LBS/LB MATERIAL (1) [<i>RULE 2011,12-7-1995</i>]</p> <p><i>RULE 2011,4-9-1999</i>]</p>	
HOPPER, DUMP, DROSS A/N: 374202	D37	C38 C39 C47		LEAD: (10) [40CFR 63 Subpart X, #01,1-29-1999] ; PM: (9) [<i>RULE 405,2-7-1986</i>]	D323.1
System 6 : FUGITIVE DUST CONTROL SYSTEM					
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: 374226	C38	D7 D8 D9 D10 D11 D12 D13 D14 D15 D16 D17 D18 D19 D20 D24 D25 D26 D27 D28 D29 D30 D31		LEAD: (10) [40CFR 63 Subpart X, #01,1-29-1999] ; PM: (9) [<i>RULE 404,2-7-1986</i>]	D12.1, D12.9, D381.1, E71.2, E71.3, E102.1, E193.1, H116.2, H116.4, K67.1

* (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
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Process 1 : SECONDARY METALS, LEAD SMELTING PROCESS					
		D32 D33 D34 D35 D36 D37 D117 D118 D119 D120 D121 D122 D123 D124 D125 D128 D129 D130 D131 D132 D133			
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: 374227	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		LEAD: (10) [40CFR 63 Subpart X, #01,1-29-1999] ; PM: (9) [RULE 404,2-7-1986]	D12.1, D12.9, 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					
System 7 : REVERBERATORY AND CUPOLA FURNACE APCS					
TOWER, QUENCH CHAMBER, WATER SPRAY TYPE, HEIGHT: 61 FT; DIAMETER: 10 FT WITH A/N: 374231 FUGITIVE EMISSIONS, MISCELLANEOUS, QUENCH CHAMBER CLEANOUT DOOR	D135	D119 D136		LEAD: (10) [40CFR 63 Subpart X, #01,1-29-1999] ; PM: (9) [RULE 404,2-7-1986]	D323.1
	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
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:	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]	C8.1, D323.1, H116.2, K67.8

* (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

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Process 1 : SECONDARY METALS, LEAD SMELTING PROCESS					
				PM: 0.1 GRAINS/SCF (5) [RULE 409,8-7-1981]	
TANK, CUPOLA JACKET COOLING, THERMOSIPHON A/N: 374225	D134	D173			
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: 374224	D173	D134 C174		LEAD: (10); PM: (9)	
CYCLONE, DIAMETER: 4 FT 9 IN A/N: 374224	C174	C45 D173		LEAD: (10); PM: (9)	
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, H116.1, H116.2, 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, H116.1, H116.2, K67.2
BAGHOUSE, WITH EXPANDED TEFLON MEMBRANE BAGS WITH TEFLON SUBSTRATES, 22620 SQ.FT. A/N: 374224	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, H116.1, H116.2, K67.2

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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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FACILITY PERMIT TO OPERATE EXIDE TECHNOLOGIES

SECTION D: FACILITY DESCRIPTION AND EQUIPMENT SPECIFIC CONDITIONS

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Equipment	ID No.	Connected To	RECLAIM Source Type/ Monitoring Unit	Emissions * And Requirements	Conditions
Process 1 : SECONDARY METALS, LEAD SMELTING PROCESS					
SCRUBBER, VENTURI, HEIGHT: 13 FT 9 IN; DIAMETER: 4 FT A/N: 374231	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
SCRUBBER, TRAY, WITH 450 HP BLOWER, HEIGHT: 30 FT 9 IN; DIAMETER: 8 FT 6 IN A/N: 374231	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			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: 374194	C46	D7 D8 D9 D10 D11 D12 D13 D14 D15 D16 D17 D18 D19 D20 D129 D130 D131 D132 D133 S140		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, H116.1, H116.2, K67.3
STACK, HEIGHT: 112 FT; DIAMETER: 6 FT 11 IN A/N: 374194	S140	C46			D381.1

* (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

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Equipment	ID No.	Connected To	RECLAIM Source Type/ Monitoring Unit	Emissions * And Requirements	Conditions
Process 1 : SECONDARY METALS, LEAD SMELTING PROCESS					
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, D12.7, D12.10, D12.11, D381.1, E102.1, H116.1, H116.2, K67.3
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, CARTRIDGE TYPE, WITH A 150 HP BLOWER AND A BROKEN FILTER DETECTOR, 494 CARTRIDGE A/N:	C156	D109 D110 D111 D112 D113 D151 S158		LEAD: (10) [40CFR 63 Subpart X, #01,1-29-1999] ; PM: (9) [RULE 404,2-7-1986]	D12.9, D12.13, D381.1, E102.1, H116.3
BAGHOUSE, NO. 2, MAC, MODEL 144MCF494, CARTRIDGE TYPE, WITH A 150 HP BLOWER AND A BROKEN FILTER DETECTOR, 494 CARTRIDGE A/N:	C157	D109 D110 D111 D112 D113 D151 S158		LEAD: (10) [40CFR 63 Subpart X, #01,1-29-1999] ; PM: (9) [RULE 404,2-7-1986]	D12.9, D12.13, D381.1, E102.1, H116.3
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

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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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FACILITY PERMIT TO OPERATE EXIDE TECHNOLOGIES

SECTION D: FACILITY DESCRIPTION AND EQUIPMENT SPECIFIC CONDITIONS

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Equipment	ID No.	Connected To	RECLAIM Source Type/ Monitoring Unit	Emissions * And Requirements	Conditions
Process 1 : SECONDARY METALS, LEAD SMELTING PROCESS					
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
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

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 (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.)
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FACILITY PERMIT TO OPERATE EXIDE TECHNOLOGIES

SECTION D: FACILITY DESCRIPTION AND EQUIPMENT SPECIFIC CONDITIONS

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Equipment	ID No.	Connected To	RECLAIM Source Type/ Monitoring Unit	Emissions * And Requirements	Conditions
Process 1 : SECONDARY METALS, LEAD SMELTING PROCESS					
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
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

* (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.)
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SECTION D: FACILITY DESCRIPTION AND EQUIPMENT SPECIFIC CONDITIONS

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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	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

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 (2)(2A)(2B) Denotes RECLAIM emission rate
 (3) Denotes RECLAIM concentration limit
 (4) Denotes BACT emission limit
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 (6) Denotes air toxic control rule limit
 (7) Denotes NSR applicability limit
 (8)(8A)(8B) Denotes 40 CFR limit (e.g. NSPS, NESHAPS, etc.)
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Equipment	ID No.	Connected To	RECLAIM Source Type/ Monitoring Unit	Emissions * And Requirements	Conditions
Process 3 : WASTE HANDLING					
System 2 : CUPOLA FURNACE DUST CONVEYING SYSTEM					
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

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 (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.)
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SECTION D: FACILITY DESCRIPTION AND EQUIPMENT SPECIFIC CONDITIONS

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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	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
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

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 (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, 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, 374247	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, 374247	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

* (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					
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
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
RULE 219 EXEMPT EQUIPMENT, CLEANING EQUIPMENT, SMALL, UNHEATED, NON-CONVEYORIZED	E148			ROG: (9) [RULE 1171,6-43-1997;RULE 1171,10-8-1999]	H23.2

* (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, COATING EQUIPMENT, PORTABLE, ARCHITECTURAL COATINGS	E150			ROG: (9) [RULE 1113,11-8-1996;RULE 1113,5-44-1999;RULE 1171,6-43-1997;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

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FACILITY PERMIT TO OPERATE EXIDE TECHNOLOGIES

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D75	29	3	2
D76	29	3	2
D77	29	3	2
D78	29	3	2
D79	29	3	2
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FACILITY PERMIT TO OPERATE EXIDE TECHNOLOGIES

SECTION D: DEVICE ID INDEX

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D113	2	1	2
D114	2	1	2
D115	2	1	2
D116	3	1	2
D117	3	1	3
D118	4	1	3
D119	4	1	3
D120	4	1	3
D121	4	1	3
D122	4	1	3
D123	5	1	3
D124	5	1	3
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FACILITY PERMIT TO OPERATE EXIDE TECHNOLOGIES

SECTION D: DEVICE ID INDEX

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E150	34	6	0
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C160	26	1	11
D161	26	1	11
C162	26	1	11
C163	26	1	11
D164	26	1	11
C165	1	1	1
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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:

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:

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

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:

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:

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

LIMEROCK

MILL SCALE

NATURAL GAS

PASTING BELTS

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:

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:

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

LIMEROCK

MILL SCALE

NATURAL GAS

PASTING BELTS

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:

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.

[**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, 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]

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:

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

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

[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**]

[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]

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:

- 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]

[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]

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:

- 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]

[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]

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:

- C8.1 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.

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.

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 52 degrees Fahrenheit. It shall be calibrated once every 12 months.

This condition shall not apply for periods of start-up, shutdown and malfunction. During periods of start-up, shutdown, and malfunction, the operator shall use this equipment in accordance with an approved Start-up, Shutdown and Malfunction Plan.

[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]

- 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]

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:

- C8.4 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]

- 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]

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:

- C8.7 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]

- 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

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:

- D12.1 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.

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]

- 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)-BACT, 5-10-1996]

[Devices subject to this condition : C46, C47]

- 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]

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:

D12.9 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]

[Devices subject to this condition : C38, C39, C156, C157]

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]

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]

D12.13 The operator shall install and maintain a(n) sensor to accurately indicate the existence of a leak in the cartridge filters.

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

[Devices subject to this condition : 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:

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

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

[Devices subject to this condition : C172]

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

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.

[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]

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:

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.

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

[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, 8-11-1995]

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

E. Equipment Operation/Construction 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:

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

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:

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

- 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 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.

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:

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, C144]

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, 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 : C156, C157, C162, C163, C165, C172]

H116.4 The operator shall ensure that the bag 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, C144]

K. Record Keeping/Reporting

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:

K67.1 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):

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]

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:

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

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.

[RULE 1303(a)(1)-BACT, 5-10-1996; RULE 1303(b)(2)-Offset, 5-10-1996; 40CFR 63 Subpart X, 1-29-1999]

[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:

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, 1-29-1999]

[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):

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, 1-29-1999]

[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:

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]

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]