South Coast
Air Quality Management District
21865 Copley Drive, Diamond Bar, CA 91765-4178
(909) 396-2000 • www.aqmd.gov

March 14, 2014

Mr. John Hogarth
Plant Manager
Exide Technologies
2700 South Indiana Street
Vernon, CA 90058

SUBJECT: RECLAIM/Title V Facility Permit, Facility ID: 124838

EQUIPMENT LOCATED AT 2700 SOUTH INDIANA STREET, VERNON, CA 90058

Dear Mr. Hogarth:

Please find attached the revised Title Page, Table of Contents, and Section H of your Facility Permit. The revised Facility Permit reflects the inclusion of the following application(s) approved for Permit to Construct that are being listed in Section H.

Section H (Permits to Construct) –Revision # 14

Appl. No.	Description	Devices	Process	System
558210 558211	Install two lead abatement HEPA canister vacuums.	C193, C194	3	12
558212	Install a HEPA filter dust collector system (C195) on the outlet of the soft lead baghouse (C47).	C195	1	9
558213	Install a HEPA filter dust collector system (C196) on the outlet of the hard lead baghouse (C46).	C196	1	8
559500	Replace two reverberatory furnace ram feeders (D117 and D118) with a new feed screw conveyor (D197).	C197	1	3

This Title V permit revision is covered under Application No. 558215. This permit revision is considered to be a "minor" permit revision to the Title V permit. A draft of this permit was submitted to EPA for review on March 14, 2014.

The EPA's 45-day review period will expire on April 28, 2014. However, the EPA has performed an expedited review of the proposed permit conditions and has no comments at this time. Please note that although the EPA is terminating their review early, the 60 day period for the public to petition the EPA's Administrator to object to the permit begins the day after EPA's 45 day review period would otherwise end. Also note, that if the permit is later found to require corrective steps (including, but not limited to, reopening the permit for cause), the expiration of both EPA's review period and the public petition period without EPA objection does not compromise the EPA's authority to take such measures.

Please review the attached sections carefully. Insert the enclosed sections into your Title V Facility Permit and discard the earlier versions.

The operation of your facility is bound by the conditions and/or requirements stated in the facility Permit to Operate. If you determine there are administrative errors, or if you have any questions, please contact Mr. Marco A Polo, A.Q. Engineer II at (909) 396-2633 or by e-mail at mpolo@aqmd.gov within 30 day of the receipt of your permit.

Sincerely,

Andrew Y Lee, P.E.
Senior Engineering Manager
Engineering & Compliance Office
South Coast Air Quality Management District

AYL:CT:MAP

Enclosures

cc: Application File
Central File
Ed Pupka, Compliance
Gerardo Rios U. S. EPA, Region IX

South Coast Air Quality Management District
21865 Copley Drive, Diamond Bar, CA 91765-4178

Title Page
Facility ID: 124838
Revision #: 34
Date: March 14, 2014

FACILITY PERMIT TO OPERATE

EXIDE TECHNOLOGIES
2700 S INDIANA ST
VERNON, CA 90058

NOTICE

IN ACCORDANCE WITH RULE 206, THIS PERMIT TO OPERATE OR A COPY THEREOF MUST BE KEPT AT THE LOCATION FOR WHICH IT IS ISSUED.

THIS PERMIT DOES NOT AUTHORIZE THE EMISSION OF AIR CONTAMINANTS IN EXCESS OF THOSE ALLOWED BY DIVISION 26 OF THE HEALTH AND SAFETY CODE OF THE STATE OF CALIFORNIA OR THE RULES OF THE SOUTH COAST AIR QUALITY MANAGEMENT DISTRICT. THIS PERMIT SHALL NOT BE CONSTRUED AS PERMISSION TO VIOLATE EXISTING LAWS, ORDINANCES, REGULATIONS OR STATUTES OF ANY OTHER FEDERAL, STATE OR LOCAL GOVERNMENTAL AGENCIES.

Barry R. Wallerstein, D. Env
EXECUTIVE OFFICER

By _____
Mohsen Nazemi, P.E.
Deputy Executive Officer
Engineering & Compliance

FACILITY PERMIT TO OPERATE
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SECTION H: PERMIT TO CONSTRUCT AND TEMPORARY PERMIT TO OPERATE

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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 1: RAW MATERIAL PREPARATION SYSTEM (RMPS)					
SCRUBBER, PACKED BED, MAPCO, MODEL MW-100-24, WITH 2 FT PACKING,4 IN THICK MESH PAD,CHEVRON TYPE MIST ELIMINATOR,100 HP BLOWER, WIDTH: 11 FT ; HEIGHT: 8 FT 8 IN; LENGTH: 20 FT 2 IN A/N: 546551 Permit to Construct Issued: 07/19/13	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, D182.8, D323.1, E448.10, H116.3, K171.8
MIST ELIMINATOR, HEPA, WITH 16 PREFILTERS, EACH 2 FT. W. X 2 FT. L. X 2 INCHES THICK, MAPCO, MODEL MW-100-24, WITH 16 HEPA FILTERS, EACH 2 FT. W. X 2 FT. L. X 11.5 INCHES THICK A/N: 546551 Permit to Construct Issued: 07/19/13	C172	C165 S166		**LEAD**: (10) **[40CFR 63 Subpart X, #01, 1-29-1999]**; **PM**: (9) **[RULE 404, 2-7-1986]**	D12.14, D182.8, D323.1, E448.1, E448.10, H116.3, K171.8
STACK, HEIGHT: 65 FT ; DIAMETER: 3 FT 8 IN A/N: 546551 Permit to Construct Issued: 07/19/13	S166	C172		**LEAD**: (10) **[40CFR 63 Subpart X, #01, 1-29-1999]**; **PM**: (9) **[RULE 404, 2-7-1986]**	D182.8, D381.2, K171.8
ENCLOSURE, BUILDING, RAW MATERIAL PREPARATION SYSTEM, 125 FT W. X 329 FT L. X 75 FT H., APPROXIMATE DIMENSIONS WITH A/N: 533202 Permit to Construct Issued: 07/20/12	C175	C156 C157 C165 C191		**LEAD**: (10) **[40CFR 63 Subpart X, #01, 1-29-1999]**; **PM**: (9) **[RULE 405, 2-7-1986]**	E448.2
ENCLOSURE, BUILDING, TRUCK LOADING AND UNLOADING, 21 FT W. X 41 FT L. X 17 FT H., APPROXIMATE DIMENSIONS	C191	C165 C175		**LEAD**: (10) **[40CFR 63 Subpart X, #01, 1-29-1999]**; **PM**: (9) **[RULE 405, 2-7-1986]**	E448.2

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(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
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Process 1: SECONDARY METALS, LEAD SMELTING PROCESS					
System 3: LEAD SMELTING SYSTEM					
CONVEYOR, SCREW, FEED A/N: 559500 Permit to Construct Issued: 03/14/14	D197	C38 C39 C47		**LEAD**: (10) **[40CFR 63 Subpart X, #01, 1-29-1999]**; **PM**: (9) **[RULE 404, 2-7-1986]**	D323.1
FURNACE, REVERBATORY, NATURAL GAS, LEAD ACID BATTERY SCRAP, 30 MMBTU/HR A/N: 559500 Permit to Construct Issued: 03/14/14	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: 559500 Permit to Construct Issued: 03/14/14	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: 559500 Permit to Construct Issued: 03/14/14	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: 559500 Permit to Construct Issued: 03/14/14	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: 559500 Permit to Construct Issued: 03/14/14	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: 559500 Permit to Construct Issued: 03/14/14	D124	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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(5) (5A) (5B) Denotes command and control emission limit
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(7) Denotes NSR applicability limit
(8) (8A) (8B) Denotes 40 CFR limit (e.g. NSPS, NESHAPS, etc.)
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Process 1: SECONDARY METALS, LEAD SMELTING PROCESS					
FUGITIVE EMISSIONS, MISCELLANEOUS, SLAG HANDLING SYSTEM A/N: 559500 Permit to Construct Issued: 03/14/14	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: 548251 Permit to Construct Issued: 03/27/13	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: 548251 Permit to Construct Issued: 03/27/13	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: 554906 Permit to Construct Issued: 08/09/13	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, D182.6, D323.1, H116.2, K67.5, K171.6
TAPPING PORT, LEAD A/N: 548251 Permit to Construct Issued: 03/27/13	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: 548251 Permit to Construct Issued: 03/27/13	D130	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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(7) Denotes NSR applicability limit
(8) (8A) (8B) Denotes 40 CFR limit (e.g. NSPS, NESHAPS, etc.)
(9) See App B for Emission Limits
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Process 1: SECONDARY METALS, LEAD SMELTING PROCESS					
LAUNDER, LEAD, CUPOLA TAP A/N: 548251 Permit to Construct Issued: 03/27/13	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: 548251 Permit to Construct Issued: 03/27/13	D132	C38 C39 C46		**LEAD**: (10) **[40CFR 63 Subpart X, #01, 1-29-1999]**; **PM**: (9) **[RULE 405, 2-7-1986]**	A63.1, D323.1
FUGITIVE EMISSIONS, MISCELLANEOUS, CUPOLA FURNACE THIMBLE, WITH AN AUTOMATIC FEED CHUTE COVER DOOR A/N: 548251 Permit to Construct Issued: 03/27/13	D133	C38 C39 C46		**LEAD**: (10) **[40CFR 63 Subpart X, #01, 1-29-1999]**; **PM**: (9) **[RULE 405, 2-7-1986]**	D323.1, E448.9
System 8: CUPOLA AND HARD LEAD REFINERY FURNACES APCS					
BAGHOUSE, WITH 450 HP BLOWER, 64000 SQ.FT. A/N: 558213 Permit to Construct Issued: 03/14/14	C46	D7 D8 D9 D10 D11 D12 D13 D14 D15 D16 D17 D18 D19 D20 D129 D130 D131 D132 D133 C177 C196		**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, D182.10, D381.1, E102.1, E193.1, H116.1, H116.2, H116.4, K67.3, K171.7
DUST COLLECTOR, HEPA, 8 SECTIONS, WITH 72 PRE-FILTERS TOTAL, EACH 2 FT. W. X 2 FT. L. X 2 INCHES THICK, WITH, 72 HEPA FILTERS TOTAL, EACH 2 FT. W. X 2 FT. L. X 1 FT. THICK A/N: 558213 Permit to Construct Issued: 03/14/14	C196	C46 S140		**LEAD**: (10) **[40CFR 63 Subpart X, #01, 1-29-1999]**; **PM**: (9) **[RULE 404, 2-7-1986]**	D12.19, D182.10, D323.1, E102.1, E448.1, H116.1, H116.2, K171.7

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(9) See App B for Emission Limits
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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					
STACK, HEIGHT: 112 FT ; DIAMETER: 6 FT 11 IN A/N: 558213 Permit to Construct Issued: 03/14/14	S140	C196			D182.10, D381.1, K171.7
System 9: REVERBERATORY AND SOFT LEAD REFINERY FURNACES APCS					
BAGHOUSE, WITH 450 HP BLOWER, 64000 SQ.FT. A/N: 558212 Permit to Construct Issued: 03/14/14	C47	D24 D25 D26 D27 D28 D29 D30 D31 D32 D33 D34 D35 D36 D37 D117 D118 D120 D121 D122 D123 D124 D125 D149 C195 D197		**LEAD**: (10) **[40CFR 63 Subpart X, #01, 1-29-1999]**; **PM**: (9) **[RULE 404, 2-7-1986]**	D12.6, D12.10, D12.11, D182.9, D381.1, E102.1, E193.1, H116.1, H116.2, H116.4, K67.3, K171.9
DUST COLLECTOR, HEPA, 8 SECTIONS, WITH 72 PRE-FILTERS TOTAL, EACH 2 FT. W. X 2 FT. L. X 2 INCHES THICK, WITH, 72 HEPA FILTERS TOTAL, EACH 2 FT. W. X 2 FT. L. X 1 FT. THICK A/N: 558212 Permit to Construct Issued: 03/14/14	C195	C47 S141		**LEAD**: (10) **[40CFR 63 Subpart X, #01, 1-29-1999]**; **PM**: (9) **[RULE 404, 2-7-1986]**	D12.19, D182.9, D323.1, E102.1, E448.1, H116.1, H116.2, K171.9
STACK, HEIGHT: 112 FT ; DIAMETER: 6 FT 11 IN A/N: 558212 Permit to Construct Issued: 03/14/14	S141	C195			D182.9, D381.1, K171.9
System 11: CUPOLA FURNACE FEED ROOM APCS					

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Process 1: SECONDARY METALS, LEAD SMELTING PROCESS					
CYCLONE, SPENCER, MODEL CH950CB-MOD, HEIGHT: 7 FT ; DIAMETER: 4 FT 2 IN A/N: 546549 Permit to Construct Issued: 07/19/13	C159	C160 D161		**LEAD**: (10) **[40CFR 63 Subpart X, #01, 1-29-1999]**; **PM**: (9) **[RULE 404, 2-7-1986]**	D323.1, E102.1, H116.3
BAGHOUSE, CENTRAL VACUUM SYSTEM A, SPENCER, MODEL JH9600B8-M, WITH 75 HP BLOWER, 468 SQ.FT. A/N: 546549 Permit to Construct Issued: 07/19/13	C160	C48 C159		**LEAD**: (10) **[40CFR 63 Subpart X, #01, 1-29-1999]**; **PM**: (9) **[RULE 404, 2-7-1986]**	D381.2, E102.1, H116.3
FLOOR SWEEP, 50 TOTAL A/N: 546549 Permit to Construct Issued: 07/19/13	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: 546549 Permit to Construct Issued: 07/19/13	C48	D126 S142 C160 C163 C192		**LEAD**: (10) **[40CFR 63 Subpart X, #01, 1-29-1999]**; **PM**: (9) **[RULE 404, 2-7-1986]**	D12.6, D12.10, D182.7, D381.1, E102.1, H116.1, H116.2, K171.7

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Process 1: SECONDARY METALS, LEAD SMELTING PROCESS					
DUST COLLECTOR, HEPA, 8 SECTIONS, WITH 72 PRE-FILTERS TOTAL, EACH 2 FT. W. X 2 FT. L. X 2 INCHES THICK, WITH, 72 HEPA FILTERS TOTAL, EACH 2 FT. W. X 2 FT. L. X 1 FT. THICK A/N: 546549 Permit to Construct Issued: 07/19/13	C192	C48 S142		**LEAD**: (10) **[40CFR 63 Subpart X, #01, 1-29-1999]**; **PM**: (9) **[RULE 404, 2-7-1986]**	D12.19, D182.7, D323.1, E102.1, E448.1, H116.1, H116.2, K171.7
STACK, HEIGHT: 112 FT ; DIAMETER: 7 FT A/N: 546549 Permit to Construct Issued: 07/19/13	S142	C48 C192		**LEAD**: (10) **[40CFR 63 Subpart X, #01, 1-29-1999]**; **PM**: (9) **[RULE 404, 2-7-1986]**	D182.5, D182.7, D381.1, K171.5, K171.7
Process 3: WASTE HANDLING					
System 12: PORTABLE VACUUM SWEEPING SYSTEM					
FLOOR SWEEP, HEPA VACUUM, LEAD ABATEMENT, NILFISK, MODEL GWD220, CANISTER TYPE, 20 GALLON CAPACITY, 220 CFM RATED A/N: 558210 Permit to Construct Issued: 03/14/14	C193			**LEAD**: (10) **[40CFR 63 Subpart X, #01, 1-29-1999]**; **PM**: (9) **[RULE 404, 2-7-1986]**	E448.4, K171.3
FLOOR SWEEP, HEPA VACUUM, LEAD ABATEMENT, NILFISK, MODEL GWD220, CANISTER TYPE, 20 GALLON CAPACITY, 220 CFM RATED A/N: 558211 Permit to Construct Issued: 03/14/14	C194			**LEAD**: (10) **[40CFR 63 Subpart X, #01, 1-29-1999]**; **PM**: (9) **[RULE 404, 2-7-1986]**	E448.4, K171.3

* (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 H: 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 H: DEVICE ID INDEX

Device Index For Section H			
Device ID	Section H Page No.	Process	System
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C160	6	1	11
D161	6	1	11
C162	6	1	11
C163	6	1	11
D164	6	1	11
C165	1	1	1
S166	1	1	1
C172	1	1	1
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FACILITY PERMIT TO OPERATE
EXIDE TECHNOLOGIES

SECTION H: DEVICE ID INDEX

Device Index For Section H			
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FACILITY PERMIT TO OPERATE
EXIDE TECHNOLOGIES

SECTION H: PERMIT TO CONSTRUCT AND TEMPORARY PERMIT TO OPERATE

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 : D132]

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

CONTAMINANT	EMISSIONS LIMIT
Visible emissions	Less than 10 Percent opacity

FACILITY PERMIT TO OPERATE
EXIDE TECHNOLOGIES

SECTION H: PERMIT TO CONSTRUCT AND TEMPORARY PERMIT TO OPERATE

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

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

[Devices subject to this condition : 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]

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

FACILITY PERMIT TO OPERATE
EXIDE TECHNOLOGIES

SECTION H: PERMIT TO CONSTRUCT AND TEMPORARY PERMIT TO OPERATE

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 H: PERMIT TO CONSTRUCT AND TEMPORARY PERMIT TO OPERATE

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]

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

FACILITY PERMIT TO OPERATE
EXIDE TECHNOLOGIES

SECTION H: PERMIT TO CONSTRUCT AND TEMPORARY PERMIT TO OPERATE

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 H: PERMIT TO CONSTRUCT AND TEMPORARY PERMIT TO OPERATE

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]

C. Throughput or Operating Parameter Limits

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

FACILITY PERMIT TO OPERATE
EXIDE TECHNOLOGIES

SECTION H: PERMIT TO CONSTRUCT AND TEMPORARY PERMIT TO OPERATE

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

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]

[Devices subject to this condition : D119]

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.

FACILITY PERMIT TO OPERATE
EXIDE TECHNOLOGIES

SECTION H: PERMIT TO CONSTRUCT AND TEMPORARY PERMIT TO OPERATE

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

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

[Devices subject to this condition : C165]

C303.1 The operator shall limit oxygen enrichment percent to between the amount specified by the following equation: OE = (OF X 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

D12.2 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]

SECTION H: PERMIT TO CONSTRUCT AND TEMPORARY PERMIT TO OPERATE

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

[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]

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 : C46, C47, C48]

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]

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 : D119]

FACILITY PERMIT TO OPERATE
EXIDE TECHNOLOGIES

SECTION H: PERMIT TO CONSTRUCT AND TEMPORARY PERMIT TO OPERATE

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

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 : 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]

D12.14 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]

D12.19 The operator shall install and maintain a(n) differential pressure gauge to accurately indicate the differential pressure across the the HEPA filter dust collector, in inches water column.

The pressure differential across the HEPA filter dust collector shall not exceed 4.0 inches water column.

FACILITY PERMIT TO OPERATE
EXIDE TECHNOLOGIES

SECTION H: PERMIT TO CONSTRUCT AND TEMPORARY PERMIT TO OPERATE

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

[**RULE 1303(a)(1)-BACT, 5-10-1996;** RULE 1303(a)(1)-BACT, 12-6-2002; RULE 1420, 9-11-1992]

[Devices subject to this condition : C192, C195, C196]

D182.5 The operator shall test this equipment in accordance with the following specifications:

FACILITY PERMIT TO OPERATE
EXIDE TECHNOLOGIES

SECTION H: PERMIT TO CONSTRUCT AND TEMPORARY PERMIT TO OPERATE

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

A. The owner or operator shall conduct a source test of all stack outlets serving air pollution control systems controlling sources of lead emissions at least annually to demonstrate compliance with the control standards specified in Rule 1420.1 (f), and with the source test requirements in Rule 1420.1 (k).

B. If the results of the most recent source test for a lead point source demonstrating compliance with the lead emission standard of Rule 1420.1 (f) demonstrate emissions of 0.0025 pounds of lead per hour or less, the next test for that lead point source shall be performed no later than 24 months after the date of the most recent test.

C. The source tests shall measure the emissions of total lead discharged to the atmosphere and shall be performed in triplicate for each stack outlet.

D. The average of triplicate samples, obtained according to approved test methods specified in this condition, shall be used to determine compliance with Rule 1420.1.

E. Source tests shall be conducted while operating at a minimum of 80% of equipment maximum capacity and in accordance with any of the following applicable test methods:

(1) SCAQMD Method 12.1 - Determination of Inorganic Lead Emissions from Stationary Sources Using a Wet Impingement Train.

(2) ARB Method 12 - Determination of Inorganic Lead Emissions from Stationary Sources.

(3) EPA Method 12 - Determination of Inorganic Lead Emissions from Stationary Sources.

(4) ARB Method 436 - Determination of Multiple Metal Emissions from Stationary Sources.

F. The maximum emission rate for any single stack shall not exceed 0.010 pounds of lead per hour.

FACILITY PERMIT TO OPERATE
EXIDE TECHNOLOGIES

SECTION H: PERMIT TO CONSTRUCT AND TEMPORARY PERMIT TO OPERATE

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

G. 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]

[Devices subject to this condition : S142]

D182.6 The operator shall test this equipment in accordance with the following specifications:

FACILITY PERMIT TO OPERATE
EXIDE TECHNOLOGIES

SECTION H: PERMIT TO CONSTRUCT AND TEMPORARY PERMIT TO OPERATE

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

A. The following test(s) shall be conducted and a written report submitted to the SCAQMD not later than October 4, 2013.

B. The owner or operator shall conduct a source test of the stack outlets serving the neptune scrubber stack (device S139) and the hard lead baghouse stack (device S140) to determine the emissions to the atmosphere of the following toxic compounds:

Tests shall include, but may not be limited to, a test for:

Total Arsenic

Total Beryllium

Total Cadmium

Total Cobalt

Total Copper

Total Lead

Total Manganese

Total Mercury

Total Nickel

Total Selenium

Total Vanadium

C. The source tests shall be performed simultaneously on the stack outlets of device nos. S139 and S140, and they shall be performed in triplicate for each stack outlet.

FACILITY PERMIT TO OPERATE
EXIDE TECHNOLOGIES

SECTION H: PERMIT TO CONSTRUCT AND TEMPORARY PERMIT TO OPERATE

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

D. The average of triplicate samples, obtained according to approved test methods specified in this condition, shall be used to determine compliance with Rule 1402.

E. Source tests shall be conducted while both the reverberatory furnace of device D119 and the cupola furnace of device D128 are each operating at a minimum of 80%, but not more than 100 percent, of equipment maximum capacity.

F. The operator shall record the total feed rates, each, for both the reverberatory furnace and the cupola furnace for each chronological hour which includes a source test run. This is a separate and special report with regards to the daily process weight reports reported by Exide. This special hourly process weight report shall be included in the final source test report submitted pursuant to this condition.

G. The average, instantaneous process weight recorded for each test run, in tons per hour for each furnace, shall not be less than 80 percent, and no more than 100 percent, of the daily process weight limit for each furnace derived by multiplying the average source test run process weight in tons per hour by 24 hours. The process weight levels required during a set of source test runs shall not exceed the daily process weight limits in this Facility Permit for each furnace.

H. Exide shall plan the availability of feed materials in advance prior to each set of source tests in order to ensure compliance with the requirements in this condition.

I. Exide shall prepare and submit a detailed log of the elemental arsenic additions made to each of the lead refining furnaces vented to the Hard Lead Baghouse of Device C46 during each test run. This special log shall be included as part of the source test report submitted to the SCAQMD.

J. The special log of subpart I of this condition shall record the following information:

Calendar date

FACILITY PERMIT TO OPERATE
EXIDE TECHNOLOGIES

SECTION H: PERMIT TO CONSTRUCT AND TEMPORARY PERMIT TO OPERATE

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

Test run number

Test run start and stop time

Pot furnace identification(s)

Chronological time

Pounds of elemental arsenic charged to each pot furnace

If no elemental arsenic is charged during any of the test runs, a statement from Exide shall be included in the source test report clearly indicating that no arsenic was charged to any of the pot furnaces during these tests.

K. The source tests shall be performed in accordance with ARB Method 436 - Determination of Multiple Metal Emissions from Stationary Sources.

L. Written notice shall be provided to the SCAQMD at least 7 days prior to testing so that an SCAQMD observer may be present during the tests.

M. Sampling facilities shall comply with the attached SCAQMD "guidelines for the construction of sampling and testing facilities", pursuant to rule 217.

N. Exide shall ensure that there are enough personnel available during each test run to collect and report all of the required information as noted in conditions A through N. Written results shall be submitted to the SCAQMD within 30 days after testing.

[RULE 1402, 3-4-2005]

[Devices subject to this condition : D128]

D182.7 The operator shall test this equipment in accordance with the following specifications:

FACILITY PERMIT TO OPERATE
EXIDE TECHNOLOGIES

SECTION H: PERMIT TO CONSTRUCT AND TEMPORARY PERMIT TO OPERATE

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

A) The test(s) shall be conducted and a written report submitted to the SCAQMD not later than 180 days of initial startup of the new HEPA dust collectors.

B) The test(s) shall measure the emissions of total lead at the inlet of the baghouse and the outlet of the HEPA filter dust collector. The tests shall also measure the emissions of total arsenic at the outlet of the HEPA filters. Triplicate source tests shall be conducted simultaneously on the inlet and outlet of this air pollution control system in accordance with the requirements set forth by Rules 1420 (e)(2) and 1420.1 (k).

C) Triplicate source tests shall be conducted for exhaust gas lead concentration in the HEPA dust collector outlet, pursuant to 40CFR 63 Subpart X. The outlet tests in part B of this condition may be used to fulfill this requirement if equivalency in testing methods can be demonstrated to satisfy the requirements of all applicable rules.

D) The operator shall ensure that all eight (8) compartments of the baghouse of device C48 are in operation during these source test runs. If operation of this baghouse is normally performed with only four compartments in operation at any one time, then the operator shall perform separate sets of the triplicate, simultaneous inlet/outlet tests specified in subparts A, B, and C of these conditions for each parallel set of four compartments.

E) The tests shall be conducted while the cupola furnace is operated under normal operating conditions.

F) The source tests shall be performed by a qualified testing laboratory, conducted in accordance with acceptable SCAQMD procedures and monitored by a SCAQMD representative.

G) The Rule 1420 source tests shall be conducted by a qualified testing contractor approved for rule 1420 testing.

H) Written notice shall be provided to the SCAQMD at least 10 days prior to testing so that an SCAQMD observer may be present during the tests.

FACILITY PERMIT TO OPERATE
EXIDE TECHNOLOGIES

SECTION H: PERMIT TO CONSTRUCT AND TEMPORARY PERMIT TO OPERATE

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

I) Sampling facilities shall comply with the attached SCAQMD guidelines for the construction of sampling and testing facilities, pursuant to rule 217.

J) Written results shall be submitted to the SCAQMD within 60 days after testing.

[RULE 1407, 7-8-1994; RULE 1420, 9-11-1992; RULE 1420.1, 11-5-2010; **40CFR 63 Subpart X, 6-23-2003**]

[Devices subject to this condition : C48, S142, C192]

D182.8 The operator shall test this equipment in accordance with the following specifications:

FACILITY PERMIT TO OPERATE
EXIDE TECHNOLOGIES

SECTION H: PERMIT TO CONSTRUCT AND TEMPORARY PERMIT TO OPERATE

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

A) The test(s) shall be conducted and a written report submitted to the SCAQMD not later than 180 days of initial startup of the enclosures for the scrubber and HEPA filters.

B) The test(s) shall measure the emissions of total lead at the inlet of the scrubber and the outlet of the HEPA filters. The tests shall also measure the emissions of total arsenic at the outlet of the HEPA filters. Triplicate source tests shall be conducted simultaneously on the inlet and outlet in accordance with the requirements set forth by Rules 1420 (e)(2) and 1420.1 (k).

C) Triplicate source tests shall be conducted for exhaust gas lead concentration in the HEPA filter exhaust outlet, pursuant to 40CFR 63 Subpart X. The outlet tests in part B of this condition may be used to fulfill this requirement if equivalency in testing methods can be demonstrated to satisfy the requirements of both rules.

D) The tests shall be conducted while the Raw Material Preparation System is operated under normal operating conditions.

E) The source tests shall be performed by a qualified testing laboratory and conducted in accordance with acceptable SCAQMD procedures.

F) The Rule 1420 source tests shall be conducted by a qualified testing contractor approved for Rule 1420 testing.

G) Written notice shall be provided to the SCAQMD at least 10 days prior to testing so that an SCAQMD observer may be present during the tests, if the SCAQMD decides to have an observer present.

H) Sampling facilities shall comply with the SCAQMD "guidelines for the construction of sampling and testing facilities", pursuant to rule 217.

I) Written results shall be submitted to the SCAQMD within 60 days after testing.

[RULE 1420, 9-11-1992; RULE 1420.1, 11-5-2010; **40CFR 63 Subpart X, 6-23-2003**]

[Devices subject to this condition : C165, S166, C172]

FACILITY PERMIT TO OPERATE
EXIDE TECHNOLOGIES

SECTION H: PERMIT TO CONSTRUCT AND TEMPORARY PERMIT TO OPERATE

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

D182.9 The operator shall test this equipment in accordance with the following specifications:

FACILITY PERMIT TO OPERATE
EXIDE TECHNOLOGIES

SECTION H: PERMIT TO CONSTRUCT AND TEMPORARY PERMIT TO OPERATE

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

A) The test(s) shall be conducted and a written report submitted to the SCAQMD not later than 180 days of initial startup of the new HEPA dust collectors.

B) The test(s) shall measure the emissions of total lead at the inlet of the baghouse and the outlet of the HEPA filter dust collector. The tests shall also measure the emissions of total arsenic, benzene and 1,3-butadiene at the outlet of the HEPA filters. Triplicate source tests shall be conducted simultaneously on the inlet and outlet of this air pollution control system in accordance with the requirements set forth by Rules 1420 (e)(2) and 1420.1 (k).

C) Triplicate source tests shall be conducted for exhaust gas lead concentration in the HEPA dust collector outlet, pursuant to 40CFR 63 Subpart X. The outlet tests in part B of this condition may be used to fulfill this requirement if equivalency in testing methods can be demonstrated to satisfy the requirements of all applicable rules.

D) The tests shall be conducted while the baghouse of device C47 is operated under normal operating conditions.

E) The tests shall be conducted while the reverberatory furnace is operated under normal operating conditions.

F) The source tests shall be performed by a qualified testing laboratory, conducted in accordance with acceptable SCAQMD procedures and monitored by a SCAQMD representative.

G) The Rule 1420 source tests shall be conducted by a qualified testing contractor approved for Rule 1420 testing.

H) Written notice shall be provided to the SCAQMD at least 10 days prior to testing so that an SCAQMD observer may be present during the tests.

I) Sampling facilities shall comply with the attached SCAQMD guidelines for the construction of sampling and testing facilities, pursuant to rule 217.

J) Written results shall be submitted to the SCAQMD within 60 days after testing.

FACILITY PERMIT TO OPERATE
EXIDE TECHNOLOGIES

SECTION H: PERMIT TO CONSTRUCT AND TEMPORARY PERMIT TO OPERATE

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

[RULE 1407, 7-8-1994; RULE 1420, 9-11-1992; RULE 1420.1, 11-5-2010; **40CFR 63 Subpart X, #02, 6-23-2003**]

[Devices subject to this condition : C47, S141, C195]

D182.10 The operator shall test this equipment in accordance with the following specifications:

FACILITY PERMIT TO OPERATE
EXIDE TECHNOLOGIES

SECTION H: PERMIT TO CONSTRUCT AND TEMPORARY PERMIT TO OPERATE

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

A) The test(s) shall be conducted and a written report submitted to the SCAQMD not later than 180 days of initial startup of the new HEPA dust collectors.

B) The test(s) shall measure the emissions of total lead at the inlet of the baghouse and the outlet of the HEPA filter dust collector. The tests shall also measure the emissions of total arsenic, benzene and 1,3-butadiene at the outlet of the HEPA filters. Triplicate source tests shall be conducted simultaneously on the inlet and outlet of this air pollution control system in accordance with the requirements set forth by Rules 1420 (e)(2) and 1420.1 (k).

C) Triplicate source tests shall be conducted for exhaust gas lead concentration in the HEPA dust collector outlet, pursuant to 40CFR 63 Subpart X. The outlet tests in part B of this condition may be used to fulfill this requirement if equivalency in testing methods can be demonstrated to satisfy the requirements of all applicable rules.

D) The tests shall be conducted while the baghouse of device C46 is operated under normal operating conditions.

E) The tests shall be conducted while the cupola furnace is operated under normal operating conditions.

F) The source tests shall be performed by a qualified testing laboratory, conducted in accordance with acceptable SCAQMD procedures and monitored by a SCAQMD representative.

G) The Rule 1420 source tests shall be conducted by a qualified testing contractor approved for Rule 1420 testing.

H) Written notice shall be provided to the SCAQMD at least 10 days prior to testing so that an SCAQMD observer may be present during the tests.

I) Sampling facilities shall comply with the attached SCAQMD guidelines for the construction of sampling and testing facilities, pursuant to rule 217.

J) Written results shall be submitted to the SCAQMD within 60 days after testing.

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

[RULE 1407, 7-8-1994; RULE 1420, 9-11-1992; RULE 1420.1, 11-5-2010; **40CFR 63 Subpart X, 6-23-2003**]

[Devices subject to this condition : C46, S140, C196]

FACILITY PERMIT TO OPERATE
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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]

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SECTION H: PERMIT TO CONSTRUCT AND TEMPORARY PERMIT TO OPERATE

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

[Devices subject to this condition : D119, D120, D121, D122, D123, D124, D125, D126, D127, D128, D129, D130, D131, D132, D133, C159, D161, C162, D164, C165, C172, C192, C195, C196, D197]

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, 12-12-1997]

[Devices subject to this condition : C46, C47, C48, S140, S141, S142]

FACILITY PERMIT TO OPERATE
EXIDE TECHNOLOGIES

SECTION H: PERMIT TO CONSTRUCT AND TEMPORARY PERMIT TO OPERATE

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

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 : C160, C163, S166]

E. Equipment Operation/Construction Requirements

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 : C46, C47, C48, C159, C160, C162, C163, C192, C195, C196]

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

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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

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

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.

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 : C46, C47]

E448.1 The operator shall comply with the following requirements:

A. The HEPA filters used in this equipment shall be certified, in writing, by the manufacturer to have a minimum control efficiency of 99.97 percent on 0.3 micron particles.

B. Copies of the HEPA filter certifications shall be kept and maintained on file for a minimum of 5 years and shall be provided to District personnel upon request.

[RULE 1407, 7-8-1994; RULE 1420, 9-11-1992; RULE 1420.1, 11-5-2010; **40CFR 63 Subpart X, 6-23-2003**]

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EXIDE TECHNOLOGIES

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

[Devices subject to this condition : C172, C192, C195, C196]

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

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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

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

enclosure attached to the RMPS building shall be maintained visibly free of lead 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]

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

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 : C193, C194]

E448.9 The operator shall comply with the following requirements:

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

1) The cupola furnace thimble automatic feed chute cover door shall be installed within 7 days after the issuance of this Permit to Construct.

2) The cupola furnace thimble automatic feed chute cover door shall only be opened during and for the purpose of adding feed material into the cupola furnace. Records shall be kept to demonstrate compliance with this condition.

3) Within 45 days of the issuance of this permit, a door position detection system, consisting of a photoelectric and/or electromechanical sensor, shall be installed at the cupola furnace thimble automatic feed chute cover door so as to indicate the door position as either open or closed.

4) The door position detector (DPD) shall be connected to a data acquisition system (DAS) equipped with either a circular chart recorder or a strip chart recorder. The data acquisition system shall process the information from this system and record the chronological time and duration of each open door event.

5) The time stamps from the DAS shall be synchronized with respect to the time of day, and shall be accurate to within plus or minus 180 seconds.

6) The DAS shall provide an electronic signal to the chart recorder which shall record a step change in amplitude for each open door event, for the duration that the door is open.

7) The DPD sensor and chart recorder device shall be electrically configured to be independent of any digital data acquisition device maintained at this facility for this same purpose.

8) The chart recorder shall be installed in the control room adjacent to the furnace area easily accessible to SCAQMD personnel. Each recorded chart shall be clearly identified with the calendar date(s), starting time, and ending time, that applies to the step marks recorded on each chart. Each chart shall also be signed by the shift supervisor present on duty at the time that the chart paper is replaced in the recorder.

9) A manual verification of proper functionality of the DAS and chart recorder

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

shall be performed every two hours initially until otherwise approved in writing by the SCAQMD. Exide shall record the result of each verification in a unique log readily available to SCAQMD personnel for inspection on a daily basis. The comment section of this log shall provide an explanation of causes and corrective actions taken (if required) in all cases where the DPD, DAS and/or the chart recorder malfunctions.

10) Not later than 30 days after this condition becomes effective, Exide shall submit a revised written Standard Operating Procedure (SOP) for the operation of the Cupola furnace system for SCAQMD approval. The written SOP shall comply with all requirements stated in this permit condition. Exide shall comply with the revised written SOP unless otherwise approved in writing by the SCAQMD.

11) Exide shall submit monthly reports documenting each missing data event, and all operational anomalies associated with the cupola furnace feed chute automatic door cover operation.

12) Each report required by subpart 11 of these conditions shall be submitted electronically to the SCAQMD's Toxics Compliance Team and Refinery and Waste Management Permitting Team not later than the 10th day of the following month, for each month in the first six months following the issue date of this permit, and semiannually thereafter.

13) The semiannual report required by subpart 12 of these conditions, covering January through June, inclusive, shall be submitted not later than August 31 of the same calendar year. The semiannual report covering July through December, inclusive, shall be submitted not later than February 28 of the following calendar year.

14) All hard copy chart records acquired pursuant to this condition shall be scanned on a daily basis into a PDF format file which cannot be edited. Exide shall keep and maintain all records required by this condition, including, but not limited to, malfunction events and recorder charts, in the hard copy and PDF file format.

15) All records required by this condition shall be kept onsite for a minimum of

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

five years and made available to SCAQMD personnel upon request. For those records which are generated in an electronic format, Exide shall comply with this condition by maintaining the hard copy and electronic formats of the records for a minimum of five years.

[RULE 1402, 3-4-2005]

[Devices subject to this condition : D133]

E448.10 The operator shall comply with the following requirements:

1. The minimum distance from the outlet side of the demister mesh pad in the scrubber section of this equipment and the inlet to the HEPA filter housing shall not be less than fifty three (53) inches.

2. Lines or markings and appropriate labels shall be displayed on the exterior housing of this equipment to clearly identify the physical locations of the outlet side of the demister mesh pad in the scrubber section of this equipment and the inlet to the HEPA filter housing.

[**RULE 1303(a)(1)-BACT, 5-10-1996;** RULE 1303(a)(1)-BACT, 12-6-2002; RULE 1420, 9-11-1992; RULE 1420.1, 11-5-2010; **RULE 204, 10-8-1993; 40CFR 63 Subpart X, 6-23-2003**]

[Devices subject to this condition : C165, C172]

H. Applicable Rules

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]

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

[Devices subject to this condition : C46, C47, C48, C192, C195, C196]

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 : C46, C47, C48, D119, D128, C192, C195, C196]

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 : C159, C160, C162, C163, C165, C172]

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 : C46, C47]

K. Record Keeping/Reporting

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

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

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]

K67.5 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]

K67.11 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]

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

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).

[RULE 1420, 9-11-1992]

[Devices subject to this condition : C193, C194]

K171.5 The operator shall provide to the District the following items:

FACILITY PERMIT TO OPERATE
EXIDE TECHNOLOGIES

SECTION H: PERMIT TO CONSTRUCT AND TEMPORARY PERMIT TO OPERATE

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

A) Two (2) copies of the test plan shall be submitted to the Refinery and Waste Management Permitting Unit, Engineering and Compliance, not less than 60 calendar days prior to the initial test date and shall be approved by the District before the tests commence. The plan shall include the proposed operating conditions of the equipment during each test run.

B) The test plan copies shall be submitted electronically in Adobe pdf file format on digital compact disc, or by email attachment, to the current permit processing engineer assigned to this facility at the time of the source test.

C) The total amount, in tons, of all materials charged to the rotary dryer furnace, the cupola furnace, the refining pot furnaces, and the RMPS battery crusher during each test run shall be recorded. The measuring period for determining the process weight of throughputs shall include the period during which the test run occurred. This requirement shall apply to each test run.

D) The test plan shall be submitted for District approval, and it shall include the following:

1. The identity of the testing laboratory.

2. A statement from the testing laboratory certifying it meets the criteria in District Rule 304 (k).

3. A list of contaminants to be tested.

4. Testing procedures for each contaminant and a description of all sampling and analytical procedures to be used.

5. Location of points of sampling.

6. Quality assurance measures.

7. Experience in testing procedures.

8. Date(s) and time(s) of commencement of the test(s).

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

E) Upon completion of the source tests, a final report shall be submitted to the District not later than 60 days after the source test is completed. The test report shall be submitted electronically in Adobe pdf file format on digital compact disc or by email attachment to the current permit processing engineer assigned to this facility at the time of the source test.

[RULE 1420.1, 11-5-2010]

[Devices subject to this condition : S142]

K171.6 The operator shall provide to the District the following items:

FACILITY PERMIT TO OPERATE
EXIDE TECHNOLOGIES

SECTION H: PERMIT TO CONSTRUCT AND TEMPORARY PERMIT TO OPERATE

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

A) Two (2) copies of the test plan shall be submitted to the Refinery and Waste Management Permitting Unit, Engineering and Compliance, not less than 30 calendar days prior to the initial test date and shall be approved by the SCAQMD before the tests commence. The plan shall include the proposed operating conditions of the equipment during each test run.

B) The test plan copies shall be submitted electronically in Adobe pdf file format on digital compact disc, or by email attachment, to the current permit processing engineer assigned to this facility at the time of the source test.

C) The total amount, in tons, of all materials charged to the rotary dryer furnace, the cupola furnace, and the refining pot furnaces during each test run shall be recorded. The measuring period for determining the process weight of throughputs shall include the period during which the test run occurred. This requirement shall apply to each test run. Exide shall also include the special data reports required in the source testing condition for this equipment.

D) The test plan shall be submitted for SCAQMD approval, and it shall include the following:

1. The identity of the testing laboratory.

2. A statement from the testing laboratory certifying it meets the criteria in SCAQMD Rule 304 (k).

3. A list of contaminants to be tested.

4. Testing procedures for each contaminant and a description of all sampling and analytical procedures to be used.

5. Location of points of sampling.

6. Quality assurance measures.

7. Experience in testing procedures.

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

8. Date(s) and time(s) of commencement of the test(s).

E) Upon completion of the source tests, a final report shall be submitted to the SCAQMD not later than 30 days after the source test is completed. The test report shall be submitted electronically in Adobe pdf file format on digital compact disc or by email attachment to the current permit processing engineer assigned to this facility at the time of the source test.

[RULE 1402, 3-4-2005]

[Devices subject to this condition : D128]

K171.7 The operator shall provide to the District the following items:

FACILITY PERMIT TO OPERATE
EXIDE TECHNOLOGIES

SECTION H: PERMIT TO CONSTRUCT AND TEMPORARY PERMIT TO OPERATE

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

A) Two (2) copies of the test plan shall be submitted to the Energy/Public Services/Waste Management/Terminals Permitting Unit, Engineering and Compliance, not less than 60 calendar days prior to the initial test date and shall be approved by the SCAQMD before the tests commence. The plan shall include the proposed operating conditions of the equipment during each test run.

B) The total amount, in tons, of all materials charged to the cupola furnace during each test run shall be recorded. The measuring period for determining the process weight of throughputs shall include the period during which the test run occurred. This requirement shall apply to each test run.

C) A test plan shall be submitted for SCAQMD approval, and it shall include the following:

1. The identity of the testing laboratory.

2. A statement from the testing laboratory certifying it meets the criteria in SCAQMD Rule 304 (k).

3. A list of contaminants to be tested.

4. Testing procedures for each contaminant and a description of all sampling and analytical procedures to be used.

5. Location of points of sampling.

6. Quality assurance measures.

7. Experience in testing procedures.

8. Date(s) and time(s) of commencement of the test(s).

D) The source tests shall be completed, and a final report submitted to the SCAQMD, not later than 180 days of initial startup of the new HEPA filter dust collectors. Exide shall notify the SCAQMD of the initial startup of the new equipment not later than 24 hours after the new equipment is fully operational.

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

[RULE 1407, 7-8-1994; RULE 1420, 9-11-1992; RULE 1420.1, 11-5-2010; **40CFR 63 Subpart X, 6-23-2003**]

[Devices subject to this condition : C46, C48, S140, S142, C192, C196]

K171.8 The operator shall provide to the District the following items:

FACILITY PERMIT TO OPERATE
EXIDE TECHNOLOGIES

SECTION H: PERMIT TO CONSTRUCT AND TEMPORARY PERMIT TO OPERATE

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

A) Two (2) copies of the test plan shall be submitted to the Refinery and Waste Management Permitting Unit, Engineering and Compliance, not less than 60 calendar days prior to the initial test date and shall be approved by the SCAQMD before the tests commence. The plan shall include the proposed operating conditions of the equipment during each test run.

B) The total amount, in tons, of all materials charged to the battery crusher during each test run shall be recorded. The measuring period for determining the process weight of throughputs shall include the period during which the test run occurred. This requirement shall apply to each test run.

C) A test plan shall be submitted for SCAQMD approval, and it shall include the following:

1. The identity of the testing laboratory.

2. A statement from the testing laboratory certifying it meets the criteria in SCAQMD Rule 304 (k).

3. A list of contaminants to be tested.

4. Testing procedures for each contaminant and a description of all sampling and analytical procedures to be used.

5. Location of points of sampling.

6. Quality assurance measures.

7. Experience in testing procedures.

8. Date(s) and time(s) of commencement of the test(s).

D) The source tests shall be completed, and a final report submitted to the SCAQMD, not later than 180 days of initial startup of the new scrubber and HEPA filter enclosure. Exide shall notify the SCAQMD of the initial startup of the new equipment not later than 24 hours after the new equipment is fully operational.

FACILITY PERMIT TO OPERATE
EXIDE TECHNOLOGIES

SECTION H: PERMIT TO CONSTRUCT AND TEMPORARY PERMIT TO OPERATE

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

[RULE 1420, 9-11-1992; RULE 1420.1, 11-5-2010; **40CFR 63 Subpart X, 6-23-2003**]

[Devices subject to this condition : C165, S166, C172]

K171.9 The operator shall provide to the District the following items:

FACILITY PERMIT TO OPERATE
EXIDE TECHNOLOGIES

SECTION H: PERMIT TO CONSTRUCT AND TEMPORARY PERMIT TO OPERATE

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

A) Two (2) copies of the test plan shall be submitted to the Energy/Public Services/Waste Management/Terminals Permitting Unit, Engineering and Compliance, not less than 60 calendar days prior to the initial test date and shall be approved by the SCAQMD before the tests commence. The plan shall include the proposed operating conditions of the equipment during each test run.

B) The total amount, in tons, of all materials charged to the reverberatory furnace during each test run shall be recorded. The measuring period for determining the process weight of throughputs shall include the period during which the test run occurred. This requirement shall apply to each test run.

C) A test plan shall be submitted for SCAQMD approval, and it shall include the following:

1. The identity of the testing laboratory.

2. A statement from the testing laboratory certifying it meets the criteria in SCAQMD Rule 304 (k).

3. A list of contaminants to be tested.

4. Testing procedures for each contaminant and a description of all sampling and analytical procedures to be used.

5. Location of points of sampling.

6. Quality assurance measures.

7. Experience in testing procedures.

8. Date(s) and time(s) of commencement of the test(s).

D) The source tests shall be completed, and a final report submitted to the SCAQMD, not later than 180 days of initial startup of the new HEPA filter dust collectors. Exide shall notify the SCAQMD of the initial startup of the new equipment not later than 24 hours after the new equipment is fully operational.

FACILITY PERMIT TO OPERATE
EXIDE TECHNOLOGIES

SECTION H: PERMIT TO CONSTRUCT AND TEMPORARY PERMIT TO OPERATE

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

[RULE 1407, 7-8-1994; RULE 1420, 9-11-1992; RULE 1420.1, 11-5-2010; **40CFR 63 Subpart X, 6-23-2003**]

[Devices subject to this condition : C47, S141, C195]