



South Coast Air Quality Management District

21865 Copley Drive, Diamond Bar, CA 91765-4178
(909) 396-2000 • www.aqmd.gov

November 16, 2010

Mr. Gerardo Rios
Chief – Permit Office
US EPA, Region IX Air 3
75 Hawthorne Street
San Francisco, CA 94105

Reference: Transmittal of Proposed Title V Renewal Permit

Dear Mr. Rios:

Enclosed are the proposed Title V renewal permit, permit summary, statement of basis, public notice, and permit evaluation for Schlosser Forge Company, located at 11711 Arrow Route, Rancho Cucamonga, California 91730. With your receipt of the proposed Title V renewal permit, we will note that EPA's 45-day review period shall begin on November 16, 2010.

If you have any questions concerning the proposed Title V renewal permit, please contact Mr. Kien Huynh, Air Quality Engineer, at 909/396-2635.

Sincerely,

A handwritten signature in black ink, appearing to read "Brian L. Yeh", is written over a horizontal line.

Brian L. Yeh
Senior Manager
Mechanical, Chemical, and Public Services

BLY:KH:eg

Enclosures:

Proposed Title V Renewal Permit
Permit Summary
Statement of Basis
Public Notice

FACILITY PERMIT TO OPERATE

**SCHLOSSER FORGE COMPANY
11711 ARROW ROUTE
RANCHO CUCAMONGA, CA 91730**

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 SCHLOSSER FORGE COMPANY

TABLE OF CONTENTS

Section	Description	Revision #	Date Issued
A	Facility Information	DRAFT	10/28/2010
B	RECLAIM Annual Emission Allocation	DRAFT	10/28/2010
C	Facility Plot Plan	TO BE DEVELOPED	
D	Facility Description and Equipment Specific Conditions	DRAFT	10/28/2010
E	Administrative Conditions	DRAFT	10/28/2010
F	RECLAIM Monitoring and Source Testing Requirements	DRAFT	10/28/2010
G	Recordkeeping and Reporting Requirements for RECLAIM Sources	DRAFT	10/28/2010
H	Permit To Construct and Temporary Permit to Operate	DRAFT	10/28/2010
I	Compliance Plans & Schedules	DRAFT	10/28/2010
J	Air Toxics	DRAFT	10/28/2010
K	Title V Administration	DRAFT	10/28/2010
Appendix			
A	NOx and SOx Emitting Equipment Exempt From Written Permit Pursuant to Rule 219	DRAFT	10/28/2010
B	Rule Emission Limits	DRAFT	10/28/2010

FACILITY PERMIT TO OPERATE SCHLOSSER FORGE COMPANY

SECTION A: FACILITY INFORMATION

LEGAL OWNER &/OR OPERATOR: SCHLOSSER FORGE COMPANY

LEGAL OPERATOR (if different than owner):

EQUIPMENT LOCATION: 11711 ARROW ROUTE
RANCHO CUCAMONGA, CA 91730-4998

MAILING ADDRESS: 11711 ARROW ROUTE
RANCHO CUCAMONGA, CA 91730-4998

RESPONSIBLE OFFICIAL: AARON JOHNSON

TITLE: GENERAL MANAGER

TELEPHONE NUMBER: (909) 483-2246

CONTACT PERSON: JAMIE FOWLIE

TITLE: MAINTENANCE AND FACILITIES MANAGER

TELEPHONE NUMBER: (909) 483-2360

TITLE V PERMIT ISSUED: September 16, 2005

TITLE V PERMIT EXPIRATION DATE: September 15, 2010

TITLE V		RECLAIM	
YES	NOx:	YES	
	SOx:	NO	
	CYCLE:	2	
	ZONE:	INLAND	

FACILITY PERMIT TO OPERATE SCHLOSSER FORGE COMPANY

SECTION B: RECLAIM ANNUAL EMISSION ALLOCATION

The annual allocation of NOx RECLAIM Trading Credits (RTCs) for this facility is calculated pursuant to Rule 2002. Total NOx emission shall not exceed such annual allocations unless the operator obtains RTCs corresponding to the facility's increased emissions in compliance with Rules 2005 and 2007.

The level of Starting Allocation plus Non-Tradable Credits used to determine compliance with Rule 2005(c)(4) and applicability of Rule 2005(e) - Trading Zone Restrictions is listed on the last page of this Section.

The following table lists the annual allocations that were issued to this facility and the amounts of RTCs held by this facility on the day of printing this Section.

RECLAIM POLLUTANT ANNUAL ALLOCATION (POUNDS)

Year Begin End (month/year)	Zone	NOx RTC Initially Allocated	NOx RTC ¹ Holding as of 07/01/2010 (pounds)	Non-Tradable ² Non-Usable RTCs (pounds)
7/2007 6/2008	Coastal	0	198	0
7/2007 6/2008	Inland	14530	0	0
7/2008 6/2009	Coastal	0	6055	284
1/2008 12/2008	Inland	0	0	81
7/2008 6/2009	Inland	14530	0	392
1/2009 12/2009	Coastal	0	0	0
7/2009 6/2010	Coastal	0	0	567
1/2009 12/2009	Inland	0	0	162
7/2009 6/2010	Inland	14530	0	785
7/2010 6/2011	Coastal	0	8421	851
1/2010 12/2010	Inland	0	777	243
7/2010 6/2011	Inland	14530	11653	1177
7/2011 6/2012	Coastal	0	8138	1134
1/2011 12/2011	Inland	0	2325	324
7/2011 6/2012	Inland	14530	11261	1569
7/2012 6/2013	Coastal	0	8138	1134
1/2012 12/2012	Inland	0	2325	324

Footnotes:

1. This number may change due to pending trades, emissions reported under Quarterly Certification of Emissions Report (QCER) and Annual Permit Emission Program (APEP) Report required pursuant to Rule 2004, or deductions made pursuant to Rule 2010(b). The most recent total RTC information can be obtained from the District's RTC Listing.
2. The use of such credits is subject to restrictions set forth in paragraph (f)(1) of Rule 2002.

FACILITY PERMIT TO OPERATE SCHLOSSER FORGE COMPANY

SECTION B: RECLAIM ANNUAL EMISSION ALLOCATION

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Year Begin End (month/year)	Zone	NOx RTC Initially Allocated	NOx RTC ¹ Holding as of 07/01/2010 (pounds)	Non-Tradable ² Non-Usable RTCs (pounds)
7/2012 6/2013	Inland	14530	11261	1569
7/2013 6/2014	Coastal	0	8138	1134
1/2013 12/2013	Inland	0	2325	324
7/2013 6/2014	Inland	14530	11261	1569
7/2014 6/2015	Coastal	0	8138	1134
1/2014 12/2014	Inland	0	2325	324
7/2014 6/2015	Inland	14530	11261	1569
7/2015 6/2016	Coastal	0	8138	1134
1/2015 12/2015	Inland	0	2325	324
7/2015 6/2016	Inland	14530	11261	1569
7/2016 6/2017	Coastal	0	8138	1134
1/2016 12/2016	Inland	0	2325	324
7/2016 6/2017	Inland	14530	11261	1569
7/2017 6/2018	Coastal	0	8138	1134
1/2017 12/2017	Inland	0	2325	324
7/2017 6/2018	Inland	14530	11261	1569
7/2018 6/2019	Coastal	0	8138	1134

Footnotes:

1. This number may change due to pending trades, emissions reported under Quarterly Certification of Emissions Report (QCER) and Annual Permit Emission Program (APEP) Report required pursuant to Rule 2004, or deductions made pursuant to Rule 2010(b). The most recent total RTC information can be obtained from the District's RTC Listing.
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FACILITY PERMIT TO OPERATE SCHLOSSER FORGE COMPANY

SECTION B: RECLAIM ANNUAL EMISSION ALLOCATION

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The level of Starting Allocation plus Non-Tradable Credits used to determine compliance with Rule 2005(c)(4) and applicability of Rule 2005(e) - Trading Zone Restrictions is listed on the last page of this Section.

The following table lists the annual allocations that were issued to this facility and the amounts of RTCs held by this facility on the day of printing this Section.

RECLAIM POLLUTANT ANNUAL ALLOCATION (POUNDS)

Year Begin End (month/year)	Zone	NOx RTC Initially Allocated	NOx RTC ¹ Holding as of 07/01/2010 (pounds)	Non-Tradable ² Non-Usable RTCs (pounds)
1/2018 12/2018	Inland	0	2325	324
7/2018 6/2019	Inland	14530	11261	1569
7/2019 6/2020	Coastal	0	8138	1134
1/2019 12/2019	Inland	0	2325	324
7/2019 6/2020	Inland	14530	11261	1569
7/2020 6/2021	Coastal	0	8138	1134
1/2020 12/2020	Inland	0	2325	324
7/2020 6/2021	Inland	14530	11261	1569
7/2021 6/2022	Coastal	0	8138	1134
1/2021 12/2021	Inland	0	2325	324
7/2021 6/2022	Inland	14530	11261	1569
7/2022 6/2023	Coastal	0	8138	1134
1/2022 12/2022	Inland	0	2325	324
7/2022 6/2023	Inland	14530	11261	1569
7/2023 6/2024	Coastal	0	8138	1134
1/2023 12/2023	Inland	0	2325	324
7/2023 6/2024	Inland	14530	11261	1569

Footnotes:

1. This number may change due to pending trades, emissions reported under Quarterly Certification of Emissions Report (QCER) and Annual Permit Emission Program (APEP) Report required pursuant to Rule 2004, or deductions made pursuant to Rule 2010(b). The most recent total RTC information can be obtained from the District's RTC Listing.
2. The use of such credits is subject to restrictions set forth in paragraph (f)(1) of Rule 2002.

FACILITY PERMIT TO OPERATE SCHLOSSER FORGE COMPANY

SECTION B: RECLAIM ANNUAL EMISSION ALLOCATION

The annual allocation of NOx RECLAIM Trading Credits (RTCs) for this facility is calculated pursuant to Rule 2002. Total NOx emission shall not exceed such annual allocations unless the operator obtains RTCs corresponding to the facility's increased emissions in compliance with Rules 2005 and 2007.

The level of Starting Allocation plus Non-Tradable Credits used to determine compliance with Rule 2005(c)(4) and applicability of Rule 2005(e) - Trading Zone Restrictions is listed on the last page of this Section.

The following table lists the annual allocations that were issued to this facility and the amounts of RTCs held by this facility on the day of printing this Section.

RECLAIM POLLUTANT ANNUAL ALLOCATION (POUNDS)

Year Begin End (month/year)	Zone	NOx RTC Initially Allocated	NOx RTC ¹	Non-Tradable ²
			Holding as of 07/01/2010 (pounds)	Non-Usable RTCs (pounds)
7/2024 6/2025	Coastal	0	8138	1134
1/2024 12/2024	Inland	0	2325	324
7/2024 6/2025	Inland	14530	11261	1569
1/2025 12/2025	Inland	0	2325	324

Footnotes:

1. This number may change due to pending trades, emissions reported under Quarterly Certification of Emissions Report (QCER) and Annual Permit Emission Program (APEP) Report required pursuant to Rule 2004, or deductions made pursuant to Rule 2010(b). The most recent total RTC information can be obtained from the District's RTC Listing.
2. The use of such credits is subject to restrictions set forth in paragraph (f)(1) of Rule 2002.

**FACILITY PERMIT TO OPERATE
 SCHLOSSER FORGE COMPANY**

SECTION B: RECLAIM ANNUAL EMISSION ALLOCATION

The annual allocation of RECLAIM Trading Credits (RTCs) for this facility is calculated pursuant to Rule 2002. If the facility submits a permit application to increase in an annual allocation to a level greater than the facility's starting Allocation plus Non-Tradable credits as listed below, the application will be evaluated for compliance with Rule 2005 (c)(4). Rule 2005 (e) - Trading Zone Restrictions applies if an annual allocation is increased to a level greater than the facility's Starting Allocation plus Non-Tradable Credits:

Year		Zone	NOx RTC	Non-Tradable
Begin	End		Starting Allocation	Credits(NTC)
(month/year)			(pounds)	(pounds)
7/1994	6/1995	Inland	25776	0

**FACILITY PERMIT TO OPERATE
SCHLOSSER FORGE COMPANY**

SECTION C: FACILITY PLOT PLAN

(TO BE DEVELOPED)

FACILITY PERMIT TO OPERATE SCHLOSSER FORGE COMPANY

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: FORGING/HEAT TREATING					
FURNACE, F1501-1502, NATURAL GAS, WITH RECUPERATOR, 6 MMBTU/HR A/N: 304360	D3		NOX: PROCESS UNIT**	CO: 2000 PPMV NATURAL GAS (5) [RULE 407, 4-2-1982]; NOX: 213 LBS/MMSCF NATURAL GAS (1) [RULE 2012, 5-6-2005]; PM: (9) [RULE 404, 2-7-1986]; PM: 0.1 GRAINS/SCF NATURAL GAS (5) [RULE 409, 8-7-1981]	D323.1
FURNACE, FORGE, F4002, NATURAL GAS, WITH RECUPERATOR, 3 MMBTU/HR A/N: 175076	D4		NOX: PROCESS UNIT**	CO: 2000 PPMV NATURAL GAS (5) [RULE 407, 4-2-1982]; NOX: 213 LBS/MMSCF NATURAL GAS (1) [RULE 2012, 5-6-2005]; PM: (9) [RULE 404, 2-7-1986]; PM: 0.1 GRAINS/SCF NATURAL GAS (5) [RULE 409, 8-7-1981]	B59.1
FURNACE, FORGE, F1001, NATURAL GAS, 6.6 MMBTU/HR A/N: 175068	D5		NOX: PROCESS UNIT**	CO: 2000 PPMV NATURAL GAS (5) [RULE 407, 4-2-1982]; NOX: 130 LBS/MMSCF NATURAL GAS (1) [RULE 2012, 5-6-2005]; PM: (9) [RULE 404, 2-7-1986]; PM: 0.1 GRAINS/SCF NATURAL GAS (5) [RULE 409, 8-7-1981]	B59.1
FURNACE, FORGE, F-751, NATURAL GAS, WITH RECUPERATOR, 3 MMBTU/HR A/N: 175072	D6		NOX: PROCESS UNIT**	CO: 2000 PPMV NATURAL GAS (5) [RULE 407, 4-2-1982]; NOX: 213 LBS/MMSCF NATURAL GAS (1) [RULE 2012, 5-6-2005]; PM: (9) [RULE 404, 2-7-1986]; PM: 0.1 GRAINS/SCF NATURAL GAS (5) [RULE 409, 8-7-1981]	B59.1

- * (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 SCHLOSSER FORGE COMPANY

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: FORGING/HEAT TREATING					
FURNACE, FORGE, F4050, NATURAL GAS, WITH RECUPERATOR, 3 MMBTU/HR A/N: 175077	D7		NOX: PROCESS UNIT**	CO: 2000 PPMV NATURAL GAS (5) [RULE 407, 4-2-1982]; NOX: 213 LBS/MMSCF NATURAL GAS (1) [RULE 2012, 5-6-2005]; PM: (9) [RULE 404, 2-7-1986]; PM: 0.1 GRAINS/SCF NATURAL GAS (5) [RULE 409, 8-7-1981]	B59.1
FURNACE, FORGE, F1003, NATURAL GAS, WITH RECUPERATOR, 3 MMBTU/HR A/N: 175069	D8		NOX: PROCESS UNIT**	CO: 2000 PPMV NATURAL GAS (5) [RULE 407, 4-2-1982]; NOX: 213 LBS/MMSCF NATURAL GAS (1) [RULE 2012, 5-6-2005]; PM: (9) [RULE 404, 2-7-1986]; PM: 0.1 GRAINS/SCF NATURAL GAS (5) [RULE 409, 8-7-1981]	B59.1
FURNACE, FORGE, F1203, NATURAL GAS, 4 MMBTU/HR A/N: 229251	D9		NOX: PROCESS UNIT**	CO: 2000 PPMV NATURAL GAS (5) [RULE 407, 4-2-1982]; NOX: 213 LBS/MMSCF NATURAL GAS (1) [RULE 2012, 5-6-2005]; PM: (9) [RULE 404, 2-7-1986]; PM: 0.1 GRAINS/SCF NATURAL GAS (5) [RULE 409, 8-7-1981]	B59.1
FURNACE, FORGE, F757, NATURAL GAS, WITH RECUPERATOR, 3 MMBTU/HR A/N: 175063	D10		NOX: PROCESS UNIT**	CO: 2000 PPMV NATURAL GAS (5) [RULE 407, 4-2-1982]; NOX: 213 LBS/MMSCF NATURAL GAS (1) [RULE 2012, 5-6-2005]; PM: (9) [RULE 404, 2-7-1986]; PM: 0.1 GRAINS/SCF NATURAL GAS (5) [RULE 409, 8-7-1981]	B59.1

- | | |
|--|--|
| <ul style="list-style-type: none"> * (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 | <ul style="list-style-type: none"> (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 SCHLOSSER FORGE COMPANY

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: FORGING/HEAT TREATING					
FURNACE, FORGE, F452, NATURAL GAS, WITH RECUPERATOR, 3 MMBTU/HR A/N: 175058	D12		NOX: PROCESS UNIT**	CO: 2000 PPMV NATURAL GAS (5) [RULE 407, 4-2-1982]; NOX: 213 LBS/MMSCF NATURAL GAS (1) [RULE 2012, 5-6-2005]; PM: (9) [RULE 404, 2-7-1986]; PM: 0.1 GRAINS/SCF NATURAL GAS (5) [RULE 409, 8-7-1981]	B59.1
FURNACE, FORGE, F803, NATURAL GAS, WITH RECUPERATOR, 6 MMBTU/HR A/N: 175066	D13		NOX: PROCESS UNIT**	CO: 2000 PPMV NATURAL GAS (5) [RULE 407, 4-2-1982]; NOX: 213 LBS/MMSCF NATURAL GAS (1) [RULE 2012, 5-6-2005]; PM: (9) [RULE 404, 2-7-1986]; PM: 0.1 GRAINS/SCF NATURAL GAS (5) [RULE 409, 8-7-1981]	B59.1
FURNACE, FORGE, F804, NATURAL GAS, WITH RECUPERATOR, 4 MMBTU/HR A/N: 175067	D14		NOX: PROCESS UNIT**	CO: 2000 PPMV NATURAL GAS (5) [RULE 407, 4-2-1982]; NOX: 213 LBS/MMSCF NATURAL GAS (1) [RULE 2012, 5-6-2005]; PM: (9) [RULE 404, 2-7-1986]; PM: 0.1 GRAINS/SCF NATURAL GAS (5) [RULE 409, 8-7-1981]	B59.1
FURNACE, FORGE, F453, NATURAL GAS, WITH RECUPERATOR, 3 MMBTU/HR A/N: 175059	D15		NOX: PROCESS UNIT**	CO: 2000 PPMV NATURAL GAS (5) [RULE 407, 4-2-1982]; NOX: 213 LBS/MMSCF NATURAL GAS (1) [RULE 2012, 5-6-2005]; PM: (9) [RULE 404, 2-7-1986]; PM: 0.1 GRAINS/SCF NATURAL GAS (5) [RULE 409, 8-7-1981]	B59.1

* (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 SCHLOSSER FORGE COMPANY

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Equipment	ID No.	Connected To	RECLAIM Source Type/ Monitoring Unit	Emissions * And Requirements	Conditions
Process 1: FORGING/HEAT TREATING					
FURNACE, FORGE, F454, NATURAL GAS, WITH RECUPERATOR, 3 MMBTU/HR A/N: 175060	D17		NOX: PROCESS UNIT**	CO: 2000 PPMV NATURAL GAS (5) [RULE 407, 4-2-1982]; NOX: 213 LBS/MMSCF NATURAL GAS (1) [RULE 2012, 5-6-2005]; PM: (9) [RULE 404, 2-7-1986]; PM: 0.1 GRAINS/SCF NATURAL GAS (5) [RULE 409, 8-7-1981]	B59.1
FURNACE, FORGE, F1202, NATURAL GAS, WITH RECUPERATOR, 3 MMBTU/HR A/N: 175073	D18		NOX: PROCESS UNIT**	CO: 2000 PPMV NATURAL GAS (5) [RULE 407, 4-2-1982]; NOX: 213 LBS/MMSCF NATURAL GAS (1) [RULE 2012, 5-6-2005]; PM: (9) [RULE 404, 2-7-1986]; PM: 0.1 GRAINS/SCF NATURAL GAS (5) [RULE 409, 8-7-1981]	B59.1
FURNACE, HEAT TREATING, HT-03, NATURAL GAS, 2.3 MMBTU/HR A/N: 175080	D19		NOX: PROCESS UNIT**	CO: 2000 PPMV NATURAL GAS (5) [RULE 407, 4-2-1982]; NOX: 130 LBS/MMSCF NATURAL GAS (1) [RULE 2012, 5-6-2005]; PM: (9) [RULE 404, 2-7-1986]; PM: 0.1 GRAINS/SCF NATURAL GAS (5) [RULE 409, 8-7-1981]	B59.1
FURNACE, FORGE, F802, NATURAL GAS, WITH RECUPERATOR, 3 MMBTU A/N: 175065	D21		NOX: PROCESS UNIT**	CO: 2000 PPMV NATURAL GAS (5) [RULE 407, 4-2-1982]; NOX: 213 LBS/MMSCF NATURAL GAS (1) [RULE 2012, 5-6-2005]; PM: (9) [RULE 404, 2-7-1986]; PM: 0.1 GRAINS/SCF NATURAL GAS (5) [RULE 409, 8-7-1981]	B59.1

* (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
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 (8) (8A) (8B) Denotes 40 CFR limit (e.g. NSPS, NESHAPS, etc.)
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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: FORGING/HEAT TREATING					
FURNACE, FORGE, F1503, NATURAL GAS, WITH RECUPERATOR, 6 MMBTU/HR A/N: 175074	D22		NOX: PROCESS UNIT**	CO: 2000 PPMV NATURAL GAS (5) [RULE 407, 4-2-1982]; NOX: 213 LBS/MMSCF NATURAL GAS (1) [RULE 2012, 5-6-2005]; PM: (9) [RULE 404, 2-7-1986]; PM: 0.1 GRAINS/SCF NATURAL GAS (5) [RULE 409, 8-7-1981]	B59.1
FURNACE, HEAT TREATING, HT-02, NATURAL GAS, 3.8 MMBTU/HR A/N: 175079	D23		NOX: PROCESS UNIT**	CO: 2000 PPMV NATURAL GAS (5) [RULE 407, 4-2-1982]; NOX: 130 LBS/MMSCF NATURAL GAS (1) [RULE 2012, 5-6-2005]; PM: (9) [RULE 404, 2-7-1986]; PM: 0.1 GRAINS/SCF NATURAL GAS (5) [RULE 409, 8-7-1981]	B59.1
FURNACE, HEAT TREATING, HT-01, NATURAL GAS, 3.4 MMBTU/HR A/N: 175078	D24		NOX: PROCESS UNIT**	CO: 2000 PPMV NATURAL GAS (5) [RULE 407, 4-2-1982]; NOX: 130 LBS/MMSCF NATURAL GAS (1) [RULE 2012, 5-6-2005]; PM: (9) [RULE 404, 2-7-1986]; PM: 0.1 GRAINS/SCF NATURAL GAS (5) [RULE 409, 8-7-1981]	B59.1
FURNACE, FORGE, F1002, NATURAL GAS, 6.6 MMBTU/HR A/N: 175070	D26		NOX: PROCESS UNIT**	CO: 2000 PPMV NATURAL GAS (5) [RULE 407, 4-2-1982]; NOX: 130 LBS/MMSCF NATURAL GAS (1) [RULE 2012, 5-6-2005]; PM: (9) [RULE 404, 2-7-1986]; PM: 0.1 GRAINS/SCF NATURAL GAS (5) [RULE 409, 8-7-1981]	B59.1

* (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 SCHLOSSER FORGE COMPANY

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: FORGING/HEAT TREATING					
FURNACE, FORGE, F756, NATURAL GAS, WITH RECUPERATOR, 3 MMBTU/HR A/N: 175062	D27		NOX: PROCESS UNIT**	CO: 2000 PPMV NATURAL GAS (5) [RULE 407, 4-2-1982]; NOX: 213 LBS/MMSCF NATURAL GAS (1) [RULE 2012, 5-6-2005]; PM: (9) [RULE 404, 2-7-1986]; PM: 0.1 GRAINS/SCF NATURAL GAS (5) [RULE 409, 8-7-1981]	B59.1
FURNACE, FORGE, F801, NATURAL GAS, WITH RECUPERATOR, 3 MMBTU/HR A/N: 175064	D28		NOX: PROCESS UNIT**	CO: 2000 PPMV NATURAL GAS (5) [RULE 407, 4-2-1982]; NOX: 213 LBS/MMSCF NATURAL GAS (1) [RULE 2012, 5-6-2005]; PM: (9) [RULE 404, 2-7-1986]; PM: 0.1 GRAINS/SCF NATURAL GAS (5) [RULE 409, 8-7-1981]	B59.1
FURNACE, FORGE, F1201, NATURAL GAS, WITH RECUPERATOR, 3 MMBTU/HR A/N: 175071	D29		NOX: PROCESS UNIT**	CO: 2000 PPMV NATURAL GAS (5) [RULE 407, 4-2-1982]; NOX: 213 LBS/MMSCF NATURAL GAS (1) [RULE 2012, 5-6-2005]; PM: (9) [RULE 404, 2-7-1986]; PM: 0.1 GRAINS/SCF NATURAL GAS (5) [RULE 409, 8-7-1981]	B59.1
FURNACE, FORGE, F4001, NATURAL GAS, WITH RECUPERATOR, 3 MMBTU/HR A/N: 175075	D30		NOX: PROCESS UNIT**	CO: 2000 PPMV NATURAL GAS (5) [RULE 407, 4-2-1982]; NOX: 213 LBS/MMSCF NATURAL GAS (1) [RULE 2012, 5-6-2005]; PM: (9) [RULE 404, 2-7-1986]; PM: 0.1 GRAINS/SCF NATURAL GAS (5) [RULE 409, 8-7-1981]	B59.1

* (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 SCHLOSSER FORGE COMPANY

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: FORGING/HEAT TREATING					
FURNACE, FORGE, F-4003, NATURAL GAS, WITH RECUPERATOR, 3 MMBTU/HR A/N: 229252	D31		NOX: PROCESS UNIT**	CO: 2000 PPMV NATURAL GAS (5) [RULE 407, 4-2-1982]; NOX: 213 LBS/MMSCF NATURAL GAS (1) [RULE 2012, 5-6-2005]; PM: (9) [RULE 404, 2-7-1986]; PM: 0.1 GRAINS/SCF NATURAL GAS (5) [RULE 409, 8-7-1981]	B59.1
FURNACE, FORGE, F-4005, NATURAL GAS, WITH RECUPERATOR, WITH LOW NOX BURNER, 4 MMBTU/HR WITH A/N: 306321 BURNER, 2, EACH, NATURAL GAS, HAUCK, MODEL STAR, WITH FLUE GAS RECIRCULATION, 2 MMBTU/HR	D57		NOX: PROCESS UNIT**	CO: 2000 PPMV NATURAL GAS (5) [RULE 407, 4-2-1982]; NOX: 0.038 LBS/MMBTU NATURAL GAS (1) [RULE 2012, 5-6-2005]; PM: (9) [RULE 404, 2-7-1986]; PM: 0.1 GRAINS/SCF NATURAL GAS (5) [RULE 409, 8-7-1981]	A63.2, B59.1, D12.1, E147.1
FURNACE, FORGE, F-4006, NATURAL GAS, WITH RECUPERATOR, WITH LOW NOX BURNER, 3 MMBTU/HR WITH A/N: BURNER, NATURAL GAS, HAUCK MFG., WITH LOW NOX BURNER, 3 MMBTU/HR	D58		NOX: PROCESS UNIT**	CO: 2000 PPMV (5) [RULE 407, 4-2-1982]; NOX: 50 PPMV NATURAL GAS (3) [RULE 2012, 5-6-2005]; PM: (9) [RULE 404, 2-7-1986]; PM: 0.1 GRAINS/SCF NATURAL GAS (5) [RULE 409, 8-7-1981]	A63.2, B59.1, D12.1, D28.1, K40.1

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

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FACILITY PERMIT TO OPERATE SCHLOSSER FORGE COMPANY

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: FORGING/HEAT TREATING					
FURNACE, FORGE, F-4004, NATURAL GAS, 3 MMBTU/HR A/N: 258588	D63		NOX: PROCESS UNIT**	CO: 2000 PPMV NATURAL GAS (5) [RULE 407, 4-2-1982]; NOX: 130 LBS/MMSCF NATURAL GAS (1) [RULE 2012, 5-6-2005]; PM: (9) [RULE 404, 2-7-1986]; PM: 0.1 GRAINS/SCF NATURAL GAS (5) [RULE 409, 8-7-1981]	A63.3, B59.1, D12.1
FURNACE, FORGE, F-752, NATURAL GAS, WITH RECUPERATOR, WITH LOW NOX BURNER, 4 MMBTU/HR WITH A/N: 360928 BURNER, 2, EACH, NATURAL GAS, HAUCK, MODEL STAR, WITH FLUE GAS RECIRCULATION, 2 MMBTU/HR	D64		NOX: PROCESS UNIT**	CO: 2000 PPMV (5) [RULE 407, 4-2-1982]; NOX: 50 PPMV NATURAL GAS (4) [RULE 2005, 5-6-2005]; NOX: 50 PPMV NATURAL GAS (3) [RULE 2012, 5-6-2005]; PM: (9) [RULE 404, 2-7-1986]; PM: 0.1 GRAINS/SCF (5) [RULE 409, 8-7-1981]	A63.4, B59.1, D12.1, D28.1, E147.1, K40.1

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

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FACILITY PERMIT TO OPERATE SCHLOSSER FORGE COMPANY

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: FORGING/HEAT TREATING					
FURNACE, FORGE, F-4008, NATURAL GAS, WITH RECUPERATOR, WITH LOW NOX BURNER, 4 MMBTU/HR WITH A/N: 360931 BURNER, 2, EACH, NATURAL GAS, HAUCK, MODEL STAR, WITH FLUE GAS RECIRCULATION, 2 MMBTU/HR	D67		NOX: PROCESS UNIT**	CO: 2000 PPMV (5) [RULE 407, 4-2-1982]; NOX: 50 PPMV NATURAL GAS (4) [RULE 2005, 5-6-2005]; NOX: 50 PPMV NATURAL GAS (3) [RULE 2012, 5-6-2005]; PM: (9) [RULE 404, 2-7-1986]; PM: 0.1 GRAINS/SCF (5) [RULE 409, 8-7-1981]	A63.4, B59.1, D12.1, D28.1, E147.1, K40.1
FURNACE, FORGE, F753, NATURAL GAS, WITH RECUPERATOR, WITH LOW NOX BURNER, 4 MMBTU/HR WITH A/N: 355355 BURNER, 2, EACH, NATURAL GAS, HAUCK, MODEL STAR, WITH FLUE GAS RECIRCULATION, 2 MMBTU/HR	D68		NOX: PROCESS UNIT**	CO: 2000 PPMV NATURAL GAS (5) [RULE 407, 4-2-1982]; NOX: 50 PPMV NATURAL GAS (3) [RULE 2012, 5-6-2005]; NOX: 50 PPMV NATURAL GAS (4) [RULE 2005, 5-6-2005]; PM: (9) [RULE 404, 2-7-1986]; PM: 0.1 GRAINS/SCF NATURAL GAS (5) [RULE 409, 8-7-1981]	A63.4, B59.1, D12.1, D28.1, E147.1, K40.1

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

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FACILITY PERMIT TO OPERATE SCHLOSSER FORGE COMPANY

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: FORGING/HEAT TREATING					
FURNACE, HEAT TREATING, F-4007, NATURAL GAS, WITH RECUPERATOR, WITH LOW NOX BURNER, 4 MMBTU/HR WITH A/N: 360930 BURNER, 2, EACH, NATURAL GAS, HAUCK MFG., MODEL STAR, WITH FLUE GAS RECIRCULATION, 2 MMBTU/HR	D71		NOX: PROCESS UNIT**	CO: 2000 PPMV NATURAL GAS (5) [RULE 407, 4-2-1982]; NOX: 50 PPMV NATURAL GAS (3) [RULE 2012, 5-6-2005]; NOX: 50 PPMV NATURAL GAS (4) [RULE 2005, 5-6-2005]; PM: (9) [RULE 404, 2-7-1986]; PM: 0.1 GRAINS/SCF NATURAL GAS (5) [RULE 409, 8-7-1981]	A63.2, B59.1, D12.1, D28.1, E147.1, K40.1
FURNACE, FORGE, F-4012, NATURAL GAS, WITH RECUPERATOR, WITH LOW NOX BURNER, 4 MMBTU/HR WITH A/N: 375705 BURNER, NATURAL GAS, PROPANE, HAUCK, MODEL STAR, WITH FLUE GAS RECIRCULATION, 2 TOTAL; 2 MMBTU/HR	D73		NOX: PROCESS UNIT**	CO: 2000 PPMV NATURAL GAS (5) [RULE 407, 4-2-1982]; NOX: 50 PPMV NATURAL GAS (3) [RULE 2012, 5-6-2005]; NOX: 50 PPMV NATURAL GAS (4) [RULE 2005, 5-6-2005]; PM: (9) [RULE 404, 2-7-1986]; PM: 0.1 GRAINS/SCF (5) [RULE 404, 2-7-1986]	A63.4, B59.1, D12.1, D28.1, D323.1, E147.1, K40.1

* (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 SCHLOSSER FORGE COMPANY

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: FORGING/HEAT TREATING					
FURNACE, FORGE, F-4013, NATURAL GAS, WITH RECUPERATOR, WITH LOW NOX BURNER, 4 MMBTU/HR WITH A/N: 375706 BURNER, NATURAL GAS, PROPANE, HAUCK, MODEL STAR, WITH FLUE GAS RECIRCULATION, 2 TOTAL; 2 MMBTU/HR	D74		NOX: PROCESS UNIT**	CO: 2000 PPMV NATURAL GAS (5) [RULE 407, 4-2-1982]; NOX: 50 PPMV NATURAL GAS (3) [RULE 2012, 5-6-2005]; NOX: 50 PPMV NATURAL GAS (4) [RULE 2005, 5-6-2005]; PM: (9) [RULE 404, 2-7-1986]; PM: 0.1 GRAINS/SCF NATURAL GAS (5) [RULE 409, 8-7-1981]	A63.4, B59.1, D12.1, D28.1, D323.1, E147.1, K40.1
FURNACE, FORGE, F-3004, NATURAL GAS, RECUPERATOR, WITH LOW NOX BURNER, FLUE GAS RECIRCULATION, 4 MMBTU/HR WITH A/N: 372364 BURNER, NATURAL GAS, HAUCK MANUFACTURING COMPANY, MODEL STAR, WITH FLUE GAS RECIRCULATION, 2 TOTAL; 2 MMBTU/HR	D94		NOX: PROCESS UNIT**	CO: 2000 PPMV NATURAL GAS (5) [RULE 407, 4-2-1982]; NOX: 50 PPMV NATURAL GAS (3) [RULE 2012, 5-6-2005]; PM: (9) [RULE 404, 2-7-1986]; PM: 0.1 GRAINS/SCF NATURAL GAS (5) [RULE 409, 8-7-1981]	B59.1, D12.1, D28.1, D323.1, E147.1, K40.1

* (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 SCHLOSSER FORGE COMPANY

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: FORGING/HEAT TREATING					
FURNACE, FORGE, F-3003, NATURAL GAS, RECUPERATOR, WITH LOW NOX BURNER, FLUE GAS RECIRCULATION, 4 MMBTU/HR WITH A/N: 372365 BURNER, NATURAL GAS, HAUCK MANUFACTURING COMPANY, MODEL STAR, WITH FLUE GAS RECIRCULATION, 2 TOTAL; 2 MMBTU/HR	D96		NOX: PROCESS UNIT**	CO: 2000 PPMV NATURAL GAS (5) [RULE 407, 4-2-1982]; NOX: 50 PPMV NATURAL GAS (3) [RULE 2012, 5-6-2005]; PM: (9) [RULE 404, 2-7-1986]; PM: 0.1 GRAINS/SCF NATURAL GAS (5) [RULE 409, 8-7-1981]	B59.1, D12.1, D28.1, D323.1, E147.1, K40.1
FURNACE, FORGE, NO. F-1504, NATURAL GAS, WITH LOW NOX BURNER, FLUE GAS RECIRCULATION, 4 MMBTU/HR WITH A/N: 380663 BURNER, NATURAL GAS, HAUCK, MODEL STAR, WITH FLUE GAS RECIRCULATION, 2 TOTAL; 2 MMBTU/HR	D98		NOX: PROCESS UNIT**	CO: 2000 PPMV NATURAL GAS (5) [RULE 407, 4-2-1982]; NOX: 50 PPMV NATURAL GAS (3) [RULE 2012, 5-6-2005]; NOX: 50 PPMV NATURAL GAS (4) [RULE 2005, 5-6-2005]; PM: (9) [RULE 404, 2-7-1986]; PM: 0.1 GRAINS/SCF (5) [RULE 409, 8-7-1981]	A63.4, B59.1, D28.1, D323.1, E147.1, K40.1

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

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Equipment	ID No.	Connected To	RECLAIM Source Type/ Monitoring Unit	Emissions * And Requirements	Conditions
Process 1: FORGING/HEAT TREATING					
FURNACE, FORGE, F4010, NATURAL GAS, WITH LOW NOX BURNER, 6 MMBTU/HR WITH A/N: 443830 BURNER, 2, EACH, NATURAL GAS, ECLIPSE, MODEL TJ 0300, 3 MMBTU/HR	D122		NOX: PROCESS UNIT**	CO: 2000 PPMV NATURAL GAS (5) [RULE 407, 4-2-1982]; NOX: 50 PPMV NATURAL GAS (3) [RULE 2012, 5-6-2005]; NOX: 50 PPMV NATURAL GAS (4) [RULE 2005, 5-6-2005]; PM: (9) [RULE 404, 2-7-1986]; PM: 0.1 GRAINS/SCF NATURAL GAS (5) [RULE 409, 8-7-1981]	B59.1, C1.1, D12.1, D28.3
FURNACE, FORGE, F4011, NATURAL GAS, WITH LOW NOX BURNER, 6 MMBTU/HR WITH A/N: 443831 BURNER, 2, EACH, NATURAL GAS, ECLIPSE, MODEL TJ 0300, 3 MMBTU/HR	D124		NOX: PROCESS UNIT**	CO: 2000 PPMV NATURAL GAS (5) [RULE 407, 4-2-1982]; NOX: 50 PPMV NATURAL GAS (3) [RULE 2012, 5-6-2005]; NOX: 50 PPMV NATURAL GAS (4) [RULE 2005, 5-6-2005]; PM: (9) [RULE 404, 2-7-1986]; PM: 0.1 GRAINS/SCF NATURAL GAS (5) [RULE 409, 8-7-1981]	B59.1, C1.1, D12.1, D28.3

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

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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: FORGING/HEAT TREATING					
FURNACE, FORGE, F4012, NATURAL GAS, WITH LOW NOX BURNER, 6 MMBTU/HR WITH A/N: 443832 BURNER, 2, EACH, NATURAL GAS, ECLIPSE, MODEL TJ 0300, 3 MMBTU/HR	D126		NOX: PROCESS UNIT**	CO: 2000 PPMV NATURAL GAS (5) [RULE 407, 4-2-1982]; NOX: 50 PPMV NATURAL GAS (3) [RULE 2012, 5-6-2005]; NOX: 50 PPMV NATURAL GAS (4) [RULE 2005, 5-6-2005]; PM: (9) [RULE 404, 2-7-1986]; PM: 0.1 GRAINS/SCF NATURAL GAS (5) [RULE 409, 8-7-1981]	B59.1, C1.1, D12.1, D28.3
FURNACE, FORGE, F3005, NATURAL GAS, WITH LOW NOX BURNER, 6 MMBTU/HR WITH A/N: 463549 BURNER, 2, EACH, NATURAL GAS, ECLIPSE, MODEL TJ 0300, 3 MMBTU/HR	D128		NOX: PROCESS UNIT**	CO: 2000 PPMV NATURAL GAS (5) [RULE 407, 4-2-1982]; NOX: 50 PPMV NATURAL GAS (3) [RULE 2012, 5-6-2005]; NOX: 50 PPMV NATURAL GAS (4) [RULE 2005, 5-6-2005]; PM: (9) [RULE 404, 2-7-1986]; PM: 0.1 GRAINS/SCF NATURAL GAS (5) [RULE 409, 8-7-1981]	B59.1, C1.1, D12.1, D28.3

- * (1) (1A) (1B) Denotes RECLAIM emission factor
 - (3) Denotes RECLAIM concentration limit
 - (5) (5A) (5B) Denotes command and control emission limit
 - (7) Denotes NSR applicability limit
 - (9) See App B for Emission Limits
 - (2) (2A) (2B) Denotes RECLAIM emission rate
 - (4) Denotes BACT emission limit
 - (6) Denotes air toxic control rule limit
 - (8) (8A) (8B) Denotes 40 CFR limit (e.g. NSPS, NESHAPS, etc.)
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Equipment	ID No.	Connected To	RECLAIM Source Type/ Monitoring Unit	Emissions* And Requirements	Conditions
Process 1: FORGING/HEAT TREATING					
FURNACE, FORGE, F3006, NATURAL GAS, WITH LOW NOX BURNER, 6 MMBTU/HR WITH A/N: 463550 BURNER, 2, EACH, NATURAL GAS, ECLIPSE, MODEL TJ 0300, 3 MMBTU/HR	D130		NOX: PROCESS UNIT**	CO: 2000 PPMV NATURAL GAS (5) [RULE 407, 4-2-1982]; NOX: 50 PPMV NATURAL GAS (3) [RULE 2012, 5-6-2005]; NOX: 50 PPMV NATURAL GAS (4) [RULE 2005, 5-6-2005]; PM: (9) [RULE 404, 2-7-1986]; PM: 0.1 GRAINS/SCF NATURAL GAS (5) [RULE 409, 8-7-1981]	B59.1, C1.1, D12.1, D28.3
FURNACE, FORGE, F3007, NATURAL GAS, WITH LOW NOX BURNER, 6 MMBTU/HR WITH A/N: 469507 BURNER, 2, EACH, NATURAL GAS, ECLIPSE, MODEL TJ 0300, 3 MMBTU/HR	D133		NOX: PROCESS UNIT**	CO: 2000 PPMV NATURAL GAS (5) [RULE 407, 4-2-1982]; NOX: 50 PPMV NATURAL GAS (3) [RULE 2012, 5-6-2005]; NOX: 50 PPMV NATURAL GAS (4) [RULE 2005, 5-6-2005]; PM: (9) [RULE 404, 2-7-1986]; PM: 0.1 GRAINS/SCF NATURAL GAS (5) [RULE 409, 8-7-1981]	B59.1, C1.1, D12.1, D28.3

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

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

FACILITY PERMIT TO OPERATE SCHLOSSER FORGE COMPANY

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: FORGING/HEAT TREATING					
FURNACE, FORGE, F3008, NATURAL GAS, WITH LOW NOX BURNER, 6 MMBTU/HR WITH A/N: 469509 BURNER, 2, EACH, NATURAL GAS, ECLIPSE, MODEL TJ 0300, 3 MMBTU/HR	D135		NOX: PROCESS UNIT**	CO: 2000 PPMV NATURAL GAS (5) [RULE 407, 4-2-1982]; NOX: 50 PPMV NATURAL GAS (3) [RULE 2012, 5-6-2005]; NOX: 50 PPMV NATURAL GAS (4) [RULE 2005, 5-6-2005]; PM: (9) [RULE 404, 2-7-1986]; PM: 0.1 GRAINS/SCF NATURAL GAS (5) [RULE 409, 8-7-1981]	B59.1, C1.1, D12.1, D28.3
Process 2: ABRASIVE BLASTING					
ABRASIVE BLASTING, ROOM, GRIT, WIDTH: 14 FT ; HEIGHT: 12 FT ; LENGTH: 18 FT 170744 ABRASIVE BLASTING NOZZLE, GRIT, DIAMETER: .5 IN; 100 PSIG SCREEN, CLASSIFYING BUCKET ELEVATOR	D33 D34 D35	C36		PM: (9) [RULE 1140, 2-1-1980; RULE 1140, 8-2-1985; RULE 405, 2-7-1986]	D323.2
BAGHOUSE, MMF, 3110 SQ.FT.; 216 BAGS A/N: 172004	C36	D33		PM: (9) [RULE 404, 2-7-1986]	D322.1, D381.1, E448.1, 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 SCHLOSSER FORGE COMPANY

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 2: ABRASIVE BLASTING					
ABRASIVE BLASTING, STEEL SHOT/GRIT, WITH TWO 30-HP WHEELS AND A 3-HP WORK TABLE, WIDTH: 11 FT 4 IN; HEIGHT: 25 FT ; LENGTH: 13 FT 8 IN WITH A/N: 479954	D138	C142		PM: (9) [RULE 1140, 2-1-1980; RULE 1140, 8-2-1985; RULE 405, 2-7-1986]	C1.4, D323.2
BUCKET ELEVATOR	D139				
DRUM, SCALPING, WITH A SEPARATOR AND ONE 2-HP SCREW CONVEYOR	D140				
HOPPER, STORAGE, 34.5 CU. FT. CAPACITY	D141				
BAGHOUSE, PANGBORN, MODEL PC03-10, PULSE JET CLEANING, 1900 SQ.FT.; 10 CARTRIDGE A/N: 479955	C142	D138		PM: (9) [RULE 404, 2-7-1986]	D12.3, D322.1, D381.1, E448.1, K67.1
Process 4: WASTE WATER PRE-TREATMENT SYSTEM					
SUMP, 600 GALLON A/N: 233478	D41				
STORAGE TANK, WASTE OIL, 1000 GALS A/N: 233478	D42				
TANK, INDUCED AIR FLOTATION, 5000 GALS A/N: 233478	D43				
TANK, REACTOR, 3000 GALS A/N: 233478	D44				
DRUM A/N: 233478	D45				

- | | |
|--|---|
| * (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 SCHLOSSER FORGE COMPANY

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 4: WASTE WATER PRE-TREATMENT SYSTEM					
TANK, FLOCCULATION, 200 GALS A/N: 233478	D46				
CLARIFIER, WIDTH: 6 FT ; HEIGHT: 10 FT ; LENGTH: 9 FT 4 IN A/N: 233478	D47				
STORAGE TANK, SLUDGE THICKENER, 1100 GALS A/N: 233478	D48				
FILTER PRESS, NETZSCH, MODEL 470 A/N: 233478	D49				
TANK, HOLDING, EFFLUENT, HEIGHT: 3 FT 11 IN; DIAMETER: 3 FT 9 IN A/N: 233478	D50				
TANK, HOLDING, BASIC SOLUTION, 500 GALS; DIAMETER: 3 FT 11 IN; HEIGHT: 5 FT 5 IN A/N: 233478	D51				
SUMP, 50 GALLON, FILTRATE COLLECTION A/N: 233478	D52				
Process 6: Rule 219 Exempt Equipment Subject to Source Specific Rules					
System 1:					
RULE 219 EXEMPT EQUIPMENT, COATING EQUIPMENT, PORTABLE, ARCHITECTURAL COATINGS	E93			VOC: (9) [RULE 1113, 11-8-1996; RULE 1113, 7-13-2007; RULE 1171, 11-7-2003; RULE 1171, 5-1-2009]	K67.2

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

FACILITY PERMIT TO OPERATE SCHLOSSER FORGE COMPANY

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 Rules					
RULE 219 EXEMPT EQUIPMENT, COATING EQUIPMENT, LOW USE OR EMISSIONS	E147			VOC: (9) [RULE 1107, 11-9-2001; RULE 1107, 1-6-2006; RULE 1151, 12-11-1998; RULE 1151, 12-2-2005; RULE 1171, 11-7-2003; RULE 1171, 5-1-2009]	
Process 7: METAL GRINDING OPERATIONS					
System 1: AIR POLLUTION CONTROL					
BAGHOUSE, NO. 1, MAC EQUIPMENT COMPANY, MODEL 4M2F64, PULSE JET CLEANED, 16256 SQ.FT. A/N: 405055	C100	C102 D108 D110 D111 D112 D113 D114		PM: (9) [RULE 404, 2-7-1986]	D12.3, E448.1, H23.1, K67.1
FILTER, NO. 1, HEPA, FLANDERS, MODEL SLB-P-30-H-60W A/N: 405055	C102	C100			C10.1, D381.1, E448.1, H23.1, K67.1
BAGHOUSE, NO. 2, MAC EQUIPMENT COMPANY, PULSE JET CLEANED, 16256 SQ.FT. A/N: 405053	C101	C103 D115 D116 D117 D118 D119 D120 D121		PM: (9) [RULE 404, 2-7-1986]	D12.3, E448.1, H23.1, K67.1
FILTER, NO. 2, HEPA, FLANDERS, MODEL SLB-P-30H-60W A/N: 405053	C103	C101			C10.1, D381.1, E448.1, H23.1, K67.1
ENCLOSURE, BUILDING HOUSING GRINDER BOOTHS A/N: 412137	D137				E57.1
System 2: METAL GRINDING					
GRINDER, BOOTH, NO. 1, WITH TWO EXHAUST PLENUMS A/N: 412137	D108	C100		PM: (9) [RULE 405, 2-7-1986]	A433.1, A433.2, E71.1, K67.3

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

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

FACILITY PERMIT TO OPERATE SCHLOSSER FORGE COMPANY

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 7: METAL GRINDING OPERATIONS					
GRINDER, BOOTH, NO. 3, WITH TWO EXHAUST PLENUMS A/N: 412140	D110	C100		PM: (9) [RULE 405, 2-7-1986]	A433.1, A433.2, E71.1, K67.3
GRINDER, BOOTH NO. 4, WITH TWO EXHAUST PLENUMS A/N: 412141	D111	C100		PM: (9) [RULE 405, 2-7-1986]	A433.1, A433.2, E71.1, K67.3
GRINDER, BOOTH, NO. 5, WITH TWO EXHAUST PLENUMS A/N: 412143	D112	C100		PM: (9) [RULE 405, 2-7-1986]	A433.1, A433.2, E71.1, K67.3
GRINDER, BOOTH, NO. 6, WITH TWO EXHAUST PLENUMS A/N: 412145	D113	C100		PM: (9) [RULE 405, 2-7-1986]	A433.1, A433.2, E71.1, K67.3
GRINDER, BOOTH, NO. 7, WITH TWO EXHAUST PLENUMS A/N: 412153	D114	C100		PM: (9) [RULE 405, 2-7-1986]	A433.1, A433.2, E71.1, K67.3
GRINDER, BOOTH, NO. 8, WITH TWO EXHAUST PLENUMS A/N: 412155	D115	C101		PM: (9) [RULE 405, 2-7-1986]	A433.1, A433.2, E71.1, K67.3
GRINDER, BOOTH, NO. 9, WITH TWO EXHAUST PLENUMS A/N: 412156	D116	C101		PM: (9) [RULE 405, 2-7-1986]	A433.1, A433.2, E71.1, K67.3
GRINDER, BOOTH, NO. 10, WITH TWO EXHAUST PLENUMS A/N: 412157	D117	C101		PM: (9) [RULE 405, 2-7-1986]	A433.1, A433.2, E71.1, K67.3
GRINDER, BOOTH, NO. 11, WITH TWO EXHAUST PLENUMS A/N: 412158	D118	C101		PM: (9) [RULE 405, 2-7-1986]	A433.1, A433.2, E71.1, K67.3
GRINDER, BOOTH, NO. 12, WITH TWO EXHAUST PLENUMS A/N: 412159	D119	C101		PM: (9) [RULE 405, 2-7-1986]	A433.1, A433.2, E71.1, K67.3
GRINDER, BOOTH, NO. 13, WITH TWO EXHAUST PLENUMS A/N: 412160	D120	C101		PM: (9) [RULE 405, 2-7-1986]	A433.1, A433.2, E71.1, K67.3

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| <ul style="list-style-type: none"> * (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 | <ul style="list-style-type: none"> (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 SCHLOSSER FORGE COMPANY

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 7: METAL GRINDING OPERATIONS					
GRINDER, BOOTH, NO. 14, WITH TWO EXHAUST PLENUMS A/N: 412161	D121	C101		PM: (9) [RULE 405, 2-7-1986]	A433.1, A433.2, E71.1, K67.3
Process 8: I. C. ENGINES					
System 1:					
INTERNAL COMBUSTION ENGINE, EMERGENCY POWER, DIESEL FUEL, JOHN DEERE, MODEL 4045HF275G, TURBOCHARGED AND AFTERCOOLED, 153 HP A/N: 463551	D132		NOX: PROCESS UNIT**	NOX: 469 LBS/1000 GAL DIESEL (1) [RULE 2012, 5-6-2005]; PM: (9) [RULE 404, 2-7-1986]; PM: 0.15 GRAM/BHP-HR (5) [RULE 1303(a)(1)-BACT, 5-10-1996; RULE 1303(a)(1)-BACT, 12-6-2002; RULE 1470, 6-1-2007]	B61.1, C1.2, C1.3, D12.2, E193.3, 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
SCHLOSSER FORGE COMPANY**

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
 SCHLOSSER FORGE COMPANY
 SECTION D: DEVICE ID INDEX**

Device Index For Section D			
Device ID	Section D Page No.	Process	System
D3	1	1	0
D4	1	1	0
D5	1	1	0
D6	1	1	0
D7	2	1	0
D8	2	1	0
D9	2	1	0
D10	2	1	0
D12	3	1	0
D13	3	1	0
D14	3	1	0
D15	3	1	0
D17	4	1	0
D18	4	1	0
D19	4	1	0
D21	4	1	0
D22	5	1	0
D23	5	1	0
D24	5	1	0
D26	5	1	0
D27	6	1	0
D28	6	1	0
D29	6	1	0
D30	6	1	0
D31	7	1	0
D33	16	2	0
D34	16	2	0
D35	16	2	0
C36	16	2	0
D41	17	4	0
D42	17	4	0
D43	17	4	0
D44	17	4	0
D45	17	4	0
D46	18	4	0

**FACILITY PERMIT TO OPERATE
 SCHLOSSER FORGE COMPANY
 SECTION D: DEVICE ID INDEX**

Device Index For Section D			
Device ID	Section D Page No.	Process	System
D47	18	4	0
D48	18	4	0
D49	18	4	0
D50	18	4	0
D51	18	4	0
D52	18	4	0
D57	7	1	0
D58	7	1	0
D63	8	1	0
D64	8	1	0
D67	9	1	0
D68	9	1	0
D71	10	1	0
D73	10	1	0
D74	11	1	0
E93	18	6	1
D94	11	1	0
D96	12	1	0
D98	12	1	0
C100	19	7	1
C101	19	7	1
C102	19	7	1
C103	19	7	1
D108	19	7	2
D110	20	7	2
D111	20	7	2
D112	20	7	2
D113	20	7	2
D114	20	7	2
D115	20	7	2
D116	20	7	2
D117	20	7	2
D118	20	7	2
D119	20	7	2
D120	20	7	2

**FACILITY PERMIT TO OPERATE
SCHLOSSER FORGE COMPANY
SECTION D: DEVICE ID INDEX**

Device Index For Section D			
Device ID	Section D Page No.	Process	System
D121	21	7	2
D122	13	1	0
D124	13	1	0
D126	14	1	0
D128	14	1	0
D130	15	1	0
D132	21	8	1
D133	15	1	0
D135	16	1	0
D137	19	7	1
D138	17	2	0
D139	17	2	0
D140	17	2	0
D141	17	2	0
C142	17	2	0
E147	19	6	1

FACILITY PERMIT TO OPERATE SCHLOSSER FORGE COMPANY

SECTION D: FACILITY DESCRIPTION AND EQUIPMENT SPECIFIC CONDITIONS

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

FACILITY CONDITIONS

F9.1 Except for open abrasive blasting operations, the operator shall not discharge into the atmosphere from any single source of emissions whatsoever any air contaminant for a period or periods aggregating more than three minutes in any one hour which is:

(a) As dark or darker in shade as that designated No.1 on the Ringelmann Chart, as published by the United States Bureau of Mines; or

(b) Of such opacity as to obscure an observer's view to a degree equal to or greater than does smoke described in subparagraph (a) of this condition.

[RULE 401, 3-2-1984; RULE 401, 11-9-2001]

F14.1 The operator shall not use fuel oil containing sulfur compounds in excess of 500 ppm by weight.

[RULE 431.2, 5-4-1990; RULE 431.2, 9-15-2000]

F14.2 The operator shall not purchase diesel fuel containing sulfur compounds in excess of 15 ppm by weight as supplied by the supplier.

[RULE 431.2, 9-15-2000]

DEVICE CONDITIONS

A. Emission Limits

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

FACILITY PERMIT TO OPERATE SCHLOSSER FORGE COMPANY

SECTION D: FACILITY DESCRIPTION AND EQUIPMENT SPECIFIC CONDITIONS

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

CONTAMINANT	EMISSIONS LIMIT
CO	Less than or equal to 308.4 LBS IN ANY ONE MONTH
PM10	Less than or equal to 26.5 LBS IN ANY ONE MONTH
ROG	Less than or equal to 10.9 LBS IN ANY ONE MONTH
SOX	Less than or equal to 1.6 LBS IN ANY ONE MONTH

[RULE 1303(b)(2)-Offset, 5-10-1996; RULE 1303(b)(2)-Offset, 12-6-2002]

[Devices subject to this condition : D57, D58, D71]

A63.3 The operator shall limit emissions from this equipment as follows:

CONTAMINANT	EMISSIONS LIMIT
CO	Less than or equal to 356 LBS IN ANY ONE MONTH
PM10	Less than or equal to 31 LBS IN ANY ONE MONTH
ROG	Less than or equal to 13 LBS IN ANY ONE MONTH
SOX	Less than or equal to 2 LBS IN ANY ONE MONTH

[RULE 1303(b)(2)-Offset, 5-10-1996; RULE 1303(b)(2)-Offset, 12-6-2002]

[Devices subject to this condition : D63]

A63.4 The operator shall limit emissions from this equipment as follows:

CONTAMINANT	EMISSIONS LIMIT
CO	Less than or equal to 96 LBS IN ANY ONE MONTH

FACILITY PERMIT TO OPERATE SCHLOSSER FORGE COMPANY

SECTION D: FACILITY DESCRIPTION AND EQUIPMENT SPECIFIC CONDITIONS

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

PM10	Less than or equal to 21 LBS IN ANY ONE MONTH
ROG	Less than or equal to 19 LBS IN ANY ONE MONTH
SOX	Less than or equal to 2 LBS IN ANY ONE MONTH

[RULE 1303(b)(2)-Offset, 5-10-1996; RULE 1303(b)(2)-Offset, 12-6-2002]

[Devices subject to this condition : D64, D67, D68, D73, D74, D98]

A433.1 The operator shall limit the materials in the grinding dusts generated by all grinder booths 1, and 3 through 14 to the following:

Materials	Limits	Units
Nickel	44782	Pounds in any one calendar year
Manganese	26869	Pounds in any one calendar year
Lead	1791	Pounds in any one calendar year
Copper	179131	Pounds in any one calendar year
Vanadium	26870	Pounds in any one calendar year
Selenium	7721	Pounds in any one calendar year

The operator shall calculate the grinding dusts generated as follows:

Grinding dusts generated = Weight of Baghouse Catch/ Control Efficiency Fraction.

Where:

Control Efficiency Fraction = The lower of control efficiency fractions of the two baghouse/HEPA FILTER control equipment combinations, C100/C102 and C101/C103, as given by the test results from the latest approved test report.

[RULE 1401, 2-7-2003]

FACILITY PERMIT TO OPERATE SCHLOSSER FORGE COMPANY

SECTION D: FACILITY DESCRIPTION AND EQUIPMENT SPECIFIC CONDITIONS

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

[Devices subject to this condition : D108, D110, D111, D112, D113, D114, D115, D116, D117, D118, D119, D120, D121]

A433.2 The operator shall limit the combined emissions from all grinder booths 1, and 3 through 14 to the following.:

Materials	Limits	Units
Nickel	214	Pounds in any one calendar year
Manganese	128	Pounds in any one calendar year
Lead	8.5	Pounds in any one calendar year
Copper	859	Pounds in any one calendar year
Vanadium Pentoxide (calculated as vanadium)	129	Pounds in any one calendar year
Selenium	37	Pounds in any one calendar year

The operator shall calculate the emissions as follows:

Emission = (Weight of Baghouse Catch/Control Efficiency Fraction) x (1- Control Efficiency Fraction) x Contaminant Fraction.

Where:

- Control Efficiency Fraction = The lower of control efficiency fractions of the two baghouse/HEPA FILTER control equipment combinations, C100/C102 and C101/C103, as given by the test results from the latest approved test report.

- Contaminant Fraction: The fraction of contaminant in baghouse catch. For vanadium pentoxide (calculated as vanadium), the contaminant fraction is the fraction of vanadium in baghouse catch.

FACILITY PERMIT TO OPERATE SCHLOSSER FORGE COMPANY

SECTION D: FACILITY DESCRIPTION AND EQUIPMENT SPECIFIC CONDITIONS

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

[RULE 1401, 2-7-2003]

[Devices subject to this condition : D108, D110, D111, D112, D113, D114, D115, D116, D117, D118, D119, D120, D121]

B. Material/Fuel Type Limits

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

Metal contaminated with rubber, plastic, paper, rags, oil, grease

Smoke producing material

[RULE 1303(a)(1)-BACT, 5-10-1996; RULE 1303(a)(1)-BACT, 12-6-2002; RULE 1303(b)(2)-Offset, 5-10-1996; RULE 1303(b)(2)-Offset, 12-6-2002; RULE 401, 3-2-1984; RULE 401, 11-9-2001]

[Devices subject to this condition : D4, D5, D6, D7, D8, D9, D10, D12, D13, D14, D15, D17, D18, D19, D21, D22, D23, D24, D26, D27, D28, D29, D30, D31, D57, D58, D63, D64, D67, D68, D71, D73, D74, D94, D96, D98, D122, D124, D126, D128, D130, D133, D135]

B61.1 The operator shall only use diesel containing the following specified compounds:

Compound	Limit	ppm by weight
Sulfur	less than or equal to	15

[RULE 1303(a)(1)-BACT, 5-10-1996; RULE 1303(a)(1)-BACT, 12-6-2002; RULE 1470, 6-1-2007]

FACILITY PERMIT TO OPERATE SCHLOSSER FORGE COMPANY

SECTION D: FACILITY DESCRIPTION AND EQUIPMENT SPECIFIC CONDITIONS

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

[Devices subject to this condition : D132]

C. Throughput or Operating Parameter Limits

C1.1 The operator shall limit the fuel usage to no more than 1855700 cubic feet in any one calendar month.

The operator shall maintain records in a manner approved by the District, to demonstrate compliance with this condition.

[**RULE 1303(b)(2)-Offset, 5-10-1996; RULE 1303(b)(2)-Offset, 12-6-2002**]

[Devices subject to this condition : D122, D124, D126, D128, D130, D133, D135]

C1.2 The operator shall limit the operating time to no more than 200 hour(s) in any one year.

[**RULE 1304(a)-Modeling and Offset Exemption, 6-14-1996; RULE 2005, 5-6-2005**]

[Devices subject to this condition : D132]

C1.3 The operator shall limit the maintenance testing to no more than 50 hour(s) in any one year.

[**RULE 1470, 6-1-2007**]

[Devices subject to this condition : D132]

C1.4 The operator shall limit the operating time to no more than 299 in any one calendar month.

FACILITY PERMIT TO OPERATE SCHLOSSER FORGE COMPANY

SECTION D: FACILITY DESCRIPTION AND EQUIPMENT SPECIFIC CONDITIONS

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

To comply with this condition, the operator shall install and maintain a non-resettable time meter to indicate the equipment operating time.

The operator shall maintain records in a manner approved by the District, to demonstrate compliance with this condition.

[**RULE 1303(b)(2)-Offset, 5-10-1996; RULE 1303(b)(2)-Offset, 12-6-2002**]

[Devices subject to this condition : D138]

C10.1 The operator shall use this equipment in such a manner that the differential pressure being monitored, as indicated below, is maintained between 1.4 and 6.0 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 filter.

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

[Devices subject to this condition : C102, C103]

D. Monitoring/Testing Requirements

D12.1 The operator shall install and maintain a(n) non-resettable totalizing fuel meter to accurately indicate the fuel usage of the furnace.

[**RULE 1303(b)(2)-Offset, 5-10-1996; RULE 1303(b)(2)-Offset, 12-6-2002; RULE 2012, 5-6-2005**]

[Devices subject to this condition : D57, D58, D63, D64, D67, D68, D71, D73, D74, D94, D96, D122, D124, D126, D128, D130, D133, D135]

D12.2 The operator shall install and maintain a(n) non-resettable elapsed time meter to accurately indicate the elapsed operating time of the engine.

FACILITY PERMIT TO OPERATE SCHLOSSER FORGE COMPANY

SECTION D: FACILITY DESCRIPTION AND EQUIPMENT SPECIFIC CONDITIONS

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

[RULE 1304(a)-Modeling and Offset Exemption, 6-14-1996; RULE 2005, 5-6-2005]

[Devices subject to this condition : D132]

D12.3 The operator shall install and maintain a(n) differential pressure gauge to accurately indicate the differential pressure across the filter.

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

[Devices subject to this condition : C100, C101, C142]

D28.1 The operator shall conduct source test(s) in accordance with the following specifications:

The test shall be conducted to determine the NOX emissions at the outlet.

The test shall be conducted every five-year period, with the first five-year period ending on June 30, 2005.

The test shall be conducted within 12 months of the approval of the NOx concentration limit.

[RULE 2012, 5-6-2005]

[Devices subject to this condition : D58, D64, D67, D68, D71, D73, D74, D94, D96, D98]

D28.3 The operator shall conduct source test(s) in accordance with the following specifications:

FACILITY PERMIT TO OPERATE SCHLOSSER FORGE COMPANY

SECTION D: FACILITY DESCRIPTION AND EQUIPMENT SPECIFIC CONDITIONS

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

The test shall be conducted to determine NO_x, in ppmv at 3% oxygen, at the outlet.

The test shall be conducted every five-year period, with the first five-year period ending on June 30, 2010.

[RULE 2012, 5-6-2005]

[Devices subject to this condition : D122, D124, D126, D128, D130, D133, D135]

D322.1 The operator shall perform annual inspection of the equipment and filter media for leaks, broken or torn filter media, and improperly installed filter media.

[RULE 204, 10-8-1993; RULE 3004(a)(4)-Periodic Monitoring, 12-12-1997]

[Devices subject to this condition : C36, C142]

FACILITY PERMIT TO OPERATE SCHLOSSER FORGE COMPANY

SECTION D: FACILITY DESCRIPTION AND EQUIPMENT SPECIFIC CONDITIONS

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

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

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

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

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

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

FACILITY PERMIT TO OPERATE SCHLOSSER FORGE COMPANY

SECTION D: FACILITY DESCRIPTION AND EQUIPMENT SPECIFIC CONDITIONS

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

[RULE 3004(a)(4)-Periodic Monitoring, 12-12-1997; RULE 401, 3-2-1984; RULE 401, 11-9-2001]

[Devices subject to this condition : D3, D73, D74, D94, D96, D98]

FACILITY PERMIT TO OPERATE SCHLOSSER FORGE COMPANY

SECTION D: FACILITY DESCRIPTION AND EQUIPMENT SPECIFIC CONDITIONS

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

D323.2 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 that last more than three minutes in any one hour, the operator shall verify and certify within 24 hours that the equipment causing the emission and any associated air pollution control equipment are operating normally according to their design and standard procedures and under the same conditions under which compliance was achieved in the past, and either:

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

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

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

FACILITY PERMIT TO OPERATE SCHLOSSER FORGE COMPANY

SECTION D: FACILITY DESCRIPTION AND EQUIPMENT SPECIFIC CONDITIONS

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

[**RULE 3004(a)(4)-Periodic Monitoring, 12-12-1997; RULE 401, 3-2-1984; RULE 401, 11-9-2001**]

[Devices subject to this condition : D33, D138]

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 weekly basis, at least, unless the equipment did not operate during the entire weekly period. The routine weekly 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 1155, 12-4-2009; RULE 3004(a)(4)-Periodic Monitoring, 12-12-1997; RULE 401, 3-2-1984; RULE 401, 11-9-2001**]

[Devices subject to this condition : C36, C102, C103, C142]

E. Equipment Operation/Construction Requirements

E57.1 The operator shall vent this equipment to both baghouses C100 and C101 which are in full use whenever there is an item being outside of the grinder booth Nos. 1 and 3 through 14.

FACILITY PERMIT TO OPERATE SCHLOSSER FORGE COMPANY

SECTION D: FACILITY DESCRIPTION AND EQUIPMENT SPECIFIC CONDITIONS

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

[RULE 1401, 3-4-2005]

[Devices subject to this condition : D137]

- E71.1 The operator shall not use this equipment to process any parts containing compounds identified in Rule 1401, as ammended 2/7/03, with the following exceptions: Nickel; Copper; Zinc; Manganese; Lead; Vanadium; Selenium.

[RULE 1401, 2-7-2003]

[Devices subject to this condition : D108, D110, D111, D112, D113, D114, D115, D116, D117, D118, D119, D120, D121]

- E147.1 The operator shall not conduct melting in this equipment.

[RULE 1303(b)(2)-Offset, 5-10-1996; RULE 1303(b)(2)-Offset, 12-6-2002]

[Devices subject to this condition : D57, D64, D67, D68, D71, D73, D74, D94, D96, D98]

- E193.3 The operator shall restrict the operation of this equipment as follows:

Operation beyond the allotted time for engine maintenance and testing shall be allowed only in the event of a loss of grid power, or up to 30 minutes prior to a rotating outage, provided that the utility distribution company has ordered rotating outages, or has indicated that it expects to issue such an order at a certain time, in the control area where the engine is located.

Engine operation shall be terminated immediately after the utility distribution company advises that a rotating outage is no longer imminent or in effect.

FACILITY PERMIT TO OPERATE SCHLOSSER FORGE COMPANY

SECTION D: FACILITY DESCRIPTION AND EQUIPMENT SPECIFIC CONDITIONS

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

[RULE 1470, 6-1-2007]

[Devices subject to this condition : D132]

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

Dust collected in the baghouse shall be discharged only into enclosed containers or returned to process and shall not be handled in a manner that may result in the re-release of collected materials to the atmosphere.

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

[Devices subject to this condition : C36, C100, C101, C102, C103, C142]

H. Applicable Rules

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

Contaminant	Rule	Rule/Subpart
PM	District Rule	1155

[RULE 1155, 12-4-2009]

[Devices subject to this condition : C100, C101, C102, C103]

K. Record Keeping/Reporting

K40.1 The operator shall provide to the District a source test report in accordance with the following specifications:

FACILITY PERMIT TO OPERATE SCHLOSSER FORGE COMPANY

SECTION D: FACILITY DESCRIPTION AND EQUIPMENT SPECIFIC CONDITIONS

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

NO_x source test results shall be submitted to the District no later than 45 days after the test was conducted.

NO_x emissions shall be expressed in terms of ppmv on a dry basis corrected to 3% oxygen.

[RULE 2012, 5-6-2005]

[Devices subject to this condition : D58, D64, D67, D68, D71, D73, D74, D94, D96, D98]

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

the name of the person performing the inspection and/or maintenance of the filter media

the date, time and results of the inspection

the date, time and description of any maintenance or repairs resulting from the inspection

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

[Devices subject to this condition : C36, C100, C101, C102, C103, C142]

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

FACILITY PERMIT TO OPERATE SCHLOSSER FORGE COMPANY

SECTION D: FACILITY DESCRIPTION AND EQUIPMENT SPECIFIC CONDITIONS

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

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

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

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

[Devices subject to this condition : E93]

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

Total weight of grinding dust collected in each calendar year

Analysis of grinding dust from each grinding dust shipment out of the facility for nickel, manganese, lead, copper, vanadium and selenium

[RULE 1401, 2-7-2003]

[Devices subject to this condition : D108, D110, D111, D112, D113, D114, D115, D116, D117, D118, D119, D120, D121]

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

An engine operating log listing the date of operation, the elapsed time, in hours, and the reason for operation shall be maintained. The records shall be kept for at least the last five years and made available to district personnel upon request.

FACILITY PERMIT TO OPERATE SCHLOSSER FORGE COMPANY

SECTION D: FACILITY DESCRIPTION AND EQUIPMENT SPECIFIC CONDITIONS

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

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

[Devices subject to this condition : D132]

FACILITY PERMIT TO OPERATE SCHLOSSER FORGE COMPANY

SECTION E: ADMINISTRATIVE CONDITIONS

The operating conditions in this section shall apply to all permitted equipment at this facility unless superseded by condition(s) listed elsewhere in this permit.

1. The permit shall remain effective unless this permit is suspended, revoked, modified, reissued, denied, or it is expired for nonpayment of permit processing or annual operating fees. [201, 203, 209, 301]
 - a. The permit must be renewed annually by paying annual operating fees, and the permit shall expire if annual operating fees are not paid pursuant to requirements of Rule 301(d). [301(d)]
 - b. The Permit to Construct listed in Section H shall expire one year from the Permit to Construct issuance date, unless a Permit to Construct extension has been granted by the Executive Officer or unless the equipment has been constructed and the operator has notified the Executive Officer prior to the operation of the equipment, in which case the Permit to Construct serves as a temporary Permit to Operate. [202, 205]
 - c. The Title V permit shall expire as specified under Section K of the Title V permit. The permit expiration date of the Title V facility permit does not supercede the requirements of Rule 205. [205, 3004]
2. The operator shall maintain all equipment in such a manner that ensures proper operation of the equipment. [204]
3. This permit does not authorize the emissions 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 and Regulations of the AQMD. This permit cannot be considered as permission to violate existing laws, ordinances, regulations or statutes of other governmental agencies. [204]
4. The operator shall not use equipment identified in this facility permit as being connected to air pollution control equipment unless they are so vented to the identified air pollution control equipment which is in full use and which has been included in this permit. [204]

FACILITY PERMIT TO OPERATE SCHLOSSER FORGE COMPANY

SECTION E: ADMINISTRATIVE CONDITIONS

5. The operator shall not use any equipment having air pollution control device(s) incorporated within the equipment unless the air pollution control device is in full operation.[204]
6. The operator shall maintain records to demonstrate compliance with rules or permit conditions that limit equipment operating parameters, or the type or quantity of material processed. These records shall be made available to AQMD personnel upon request and be maintained for at least: [204]
 - a. Three years for a facility not subject to Title V; or
 - b. Five years for a facility subject to Title V.
7. The operator shall maintain and operate all equipment to ensure compliance with all emission limits as specified in this facility permit. Compliance with emission limits shall be determined according to the following specifications, unless otherwise specified by AQMD rules or permit conditions: [204]
 - a. For internal combustion engines and gas turbines, measured concentrations shall be corrected to 15 percent stack-gas oxygen content on a dry basis and be averaged over a period of 15 consecutive minutes; [1110.2, 1134, 204]
 - b. For other combustion devices, measured concentrations shall be corrected to 3 percent stack-gas oxygen content on a dry basis and be averaged over a period of 15 consecutive minutes; [1146, 1146.1, 204]
 - c. For a large NO_x source, compliance with a RECLAIM concentration limit shall be measured over a continuous 60 minutes for that source; [2012]
 - d. For non-combustion sources, compliance with emission limits shall be determined and averaged over a period of 60 minutes. [204]

FACILITY PERMIT TO OPERATE SCHLOSSER FORGE COMPANY

SECTION E: ADMINISTRATIVE CONDITIONS

- e. For the purpose of determining compliance with Rule 407, carbon monoxide (CO) shall be measured on a dry basis and be averaged over 15 consecutive minutes, and sulfur compound which would exist as liquid or gas at standard conditions shall be calculated as sulfur dioxide (SO₂) and be averaged over 15 consecutive minutes; [407]
 - f. For the purpose of determining compliance with Rule 409, combustion contaminant emission measurements shall be corrected to 12 percent carbon dioxide (CO₂) at standard conditions and averaged over 15 consecutive minutes. [409]
 - g. For the purpose of determining compliance with Rule 475, combustion contaminant emission measurements shall be corrected to 3 percent of oxygen (O₂) at standard conditions and averaged over 15 consecutive minutes or any other averaging time specified by the Executive Officer. [475]
8. All equipment operating under the RECLAIM program shall comply concurrently with all provisions of AQMD Rules and Regulation, except those listed in Table 1 of Rule 2001 for NO_x RECLAIM sources and Table 2 of Rule 2001 for SO_x RECLAIM sources. Those provisions listed in Tables 1 or 2 shall not apply to NO_x or SO_x emissions after the date the facility has demonstrated compliance with all monitoring and reporting requirements of Rules 2011 or 2012, as applicable. Provisions of the listed AQMD rules in Tables 1 or 2 which have initial implementation dates in 1994 shall not apply to a RECLAIM NO_x or SO_x source, respectively. [2001]
9. The operator shall, when a source test is required by AQMD, provide a source test protocol to AQMD no later than 60 days before the proposed test date. The test shall not commence until the protocol is approved by AQMD. The test protocol shall contain the following information: [204, 304]
- a. Brief description of the equipment tested.

FACILITY PERMIT TO OPERATE SCHLOSSER FORGE COMPANY

SECTION E: ADMINISTRATIVE CONDITIONS

- b. Brief process description, including maximum and normal operating temperatures, pressures, through-put, etc.
 - c. Operating conditions under which the test will be performed.
 - d. Method of measuring operating parameters, such as fuel rate and process weight. Process schematic diagram showing the ports and sampling locations, including the dimensions of the ducts/stacks at the sampling locations, and distances of flow disturbances, (e.g. elbows, tees, fans, dampers) from the sampling locations (upstream and downstream).
 - e. Brief description of sampling and analytical methods used to measure each pollutant, temperature, flow rates, and moisture.
 - f. Description of calibration and quality assurance procedures.
 - g. Determination that the testing laboratory qualifies as an "independent testing laboratory" under Rule 304 (no conflict of interest).
10. The operator shall submit a report no later than 60 days after conducting a source test, unless otherwise required by AQMD Rules or equipment-specific conditions. The report shall contain the following information: [204]
- a. The results of the source test.
 - b. Brief description of the equipment tested.
 - c. Operating conditions under which the test will be performed.
 - d. Method of measuring operating parameters, such as fuel rate and process weight. Process schematic diagram showing the ports and sampling locations, including the dimensions of the ducts/stacks at the sampling locations, and distances of flow disturbances, (e.g. elbows, tees, fans, dampers) from the sampling locations (upstream and downstream).
 - e. Field and laboratory data forms, strip charts and analyses.

FACILITY PERMIT TO OPERATE SCHLOSSER FORGE COMPANY

SECTION E: ADMINISTRATIVE CONDITIONS

- f. Calculations for volumetric flow rates, emission rates, control efficiency, and overall control efficiency.
- 11. The operator shall, when a source test is required, provide and maintain facilities for sampling and testing. These facilities shall comply with the requirements of AQMD Source Test Method 1.1 and 1.2. [217]
- 12. Whenever required to submit a written report, notification or other submittal to the Executive Officer, AQMD, or the District, the operator shall mail or deliver the material to: Deputy Executive Officer, Engineering and Compliance, AQMD, 21865 E. Copley Drive, Diamond Bar, CA 91765-4182. [204]

FACILITY PERMIT TO OPERATE SCHLOSSER FORGE COMPANY

SECTION F: RECLAIM MONITORING AND SOURCE TESTING REQUIREMENTS

The Facility shall comply with all applicable monitoring and source testing requirements in Regulation XX. These requirements may include but are not limited to the following:

I. NO_x Monitoring Conditions

A. The Operator of a NO_x Major Source, as defined in Rule 2012, shall, as applicable:

Not Applicable

B. The Operator of a NO_x large Source, as defined in Rule 2012, shall, as applicable:

Not Applicable

C. The Operator of a NO_x Process Unit, as defined in Rule 2012, shall, as applicable:

1. Install, maintain, and operate a totalizing fuel meter or any device approved by the Executive Officer to measure quarterly fuel usage or other applicable variables specified in Rule 2012, Table 2012-1, and Rule 2012, Appendix A, Table 4-A. The sharing of totalizing fuel meters may be allowed by the Executive Officer if the fuel meter serves process units which have the same emission factor or emission rate. The sharing of totalizing meter shall not be allowed for process units which are required to comply with an annual heat input limit. [2012]

II. NO_x Source Testing and Tune-up conditions

1. The operator shall conduct all required NO_x source testing in compliance with an AQMD-approved source test protocol. [2012]

FACILITY PERMIT TO OPERATE SCHLOSSER FORGE COMPANY

SECTION F: RECLAIM MONITORING AND SOURCE TESTING REQUIREMENTS

2. The operator shall, as applicable, conduct source tests for every large NO_x source no later than June 30, 1997 and every 3 years thereafter. The source test shall include the determination of NO_x concentration and a relative accuracy audit of the exhaust stack flow determination (e.g. in-stack flow monitor or fuel flow monitor based F-factor calculation). Such source test results shall be submitted per the schedule described by APEP. In lieu of submitting the first source test report, the facility permit holder may submit the results of a source test not more than 3 years old which meets the requirements when conducted. [2012]
3. All NO_x large sources and NO_x process units shall be tuned-up in accordance with the schedule specified in Rule 2012, Appendix A, Chapter 5, Table 5-B. [2012]

FACILITY PERMIT TO OPERATE SCHLOSSER FORGE COMPANY

SECTION G: RECORDKEEPING AND REPORTING REQUIREMENTS FOR RECLAIM SOURCES

The Facility shall comply with all applicable reporting and recordkeeping requirements in Regulation XX. These requirements may include but are not limited to the following:

I. Recordkeeping Requirements for all RECLAIM Sources

1. The operator shall maintain all monitoring data required to be measured or reported pursuant to Rule 2011 and Rule 2012, whichever is applicable. All records shall be made available to AQMD staff upon request and be maintained for at least:
 - a. Three years after each APEP report is submitted to AQMD for a facility not subject to Title V, unless a different time period is required in Rule 2011 or Rule 2012 [2011 & 2012]; or
 - b. Five years after each APEP report is submitted to AQMD for a facility subject to Title V. [3004(a)(4)(E)]
 - c. Notwithstanding the above, all data gathered or computed for intervals of less than 15 minutes shall only be maintained a minimum of 48 hours. [2011 & 2012]
2. The operator shall store on site and make available to the Executive Officer upon request: records used to determine emissions, maintenance records, sources test reports, relative accuracy test audit reports, relative accuracy audit reports and fuel meter calibration records. [2011 & 2012]

II. Reporting Requirements for all RECLAIM Sources

1. The operator shall submit a quarterly certification of emissions including the facility's total NO_x or SO_x emissions, whichever is applicable, for the quarter within 30 days after the end of the first three quarters and 60 days after the end of the fourth quarter of a compliance year. [2011 & 2012]

NO_x Reporting Requirements

A. The Operator of a NO_x Major Source, as defined in Rule 2012, shall, as applicable:

Not Applicable

**FACILITY PERMIT TO OPERATE
SCHLOSSER FORGE COMPANY**

**SECTION G: RECORDKEEPING AND REPORTING REQUIREMENTS FOR
RECLAIM SOURCES**

B. The Operator of a NOx Large Source, as defined in Rule 2012, shall:

Not Applicable

C. The Operator of a NOx Process Unit, as defined in Rule 2012, shall:

1. Electronically report the calculated quarterly NOx emissions for each NOx process unit. The Operator shall comply with this requirement within 12 months of the date of entry to the RECLAIM Program. [2012]

FACILITY PERMIT TO OPERATE SCHLOSSER FORGE COMPANY

SECTION H: PERMIT TO CONSTRUCT AND TEMPORARY PERMIT TO OPERATE

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: FORGING/HEAT TREATING					
FURNACE, FORGE, F-4006, NATURAL GAS, WITH RECUPERATOR, WITH LOW NOX BURNER, 3 MMBTU/HR WITH A/N: 504092 Permit to Construct Issued: 04/27/10 BURNER, NATURAL GAS, MAXON, MODEL KINEDIZER LE, WITH LOW NOX BURNER, 2 TOTAL: 1.5 MMBTU/HR	D58		NOX: PROCESS UNIT**	CO: 2000 PPMV (5) [RULE 407, 4-2-1982]; NOX: 50 PPMV NATURAL GAS (3) [RULE 2012, 5-6-2005]; PM: (9) [RULE 404, 2-7-1986]; PM: 0.1 GRAINS/SCF NATURAL GAS (5) [RULE 409, 8-7-1981]	A63.5, B59.1, D12.1, D28.1, D28.4, K40.1

* (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
SCHLOSSER FORGE COMPANY**

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 SCHLOSSER FORGE COMPANY

SECTION H: DEVICE ID INDEX

Device Index For Section H			
Device ID	Section H Page No.	Process	System
D58	1	1	0

FACILITY PERMIT TO OPERATE SCHLOSSER FORGE COMPANY

SECTION H: PERMIT TO CONSTRUCT AND TEMPORARY PERMIT TO OPERATE

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

FACILITY CONDITIONS

F9.1 Except for open abrasive blasting operations, the operator shall not discharge into the atmosphere from any single source of emissions whatsoever any air contaminant for a period or periods aggregating more than three minutes in any one hour which is:

(a) As dark or darker in shade as that designated No.1 on the Ringelmann Chart, as published by the United States Bureau of Mines; or

(b) Of such opacity as to obscure an observer's view to a degree equal to or greater than does smoke described in subparagraph (a) of this condition.

[RULE 401, 3-2-1984; RULE 401, 11-9-2001]

F14.1 The operator shall not use fuel oil containing sulfur compounds in excess of 500 ppm by weight.

[RULE 431.2, 5-4-1990; RULE 431.2, 9-15-2000]

F14.2 The operator shall not purchase diesel fuel containing sulfur compounds in excess of 15 ppm by weight as supplied by the supplier.

[RULE 431.2, 9-15-2000]

DEVICE CONDITIONS

A. Emission Limits

A63.5 The operator shall limit emissions from this equipment as follows:

CONTAMINANT	REQUIREMENTS	LIMITS	UNITS
T CO	Less than or equal to	72	LBS IN ANY ONE MONTH

FACILITY PERMIT TO OPERATE SCHLOSSER FORGE COMPANY

SECTION H: PERMIT TO CONSTRUCT AND TEMPORARY PERMIT TO OPERATE

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

PM10	Less than or equal to	15.43	LBS IN ANY ONE MONTH
ROG	Less than or equal to	14.4	LBS IN ANY ONE MONTH
SOX	Less than or equal to	1.71	LBS IN ANY ONE MONTH

[RULE 1303(b)(2)-Offset, 5-10-1996; RULE 1303(b)(2)-Offset, 12-6-2002]

[Devices subject to this condition : D58]

B. Material/Fuel Type Limits

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

Metal contaminated with rubber, plastic, paper, rags, oil, grease

Smoke producing material

[RULE 1303(a)(1)-BACT, 5-10-1996; RULE 1303(a)(1)-BACT, 12-6-2002; RULE 1303(b)(2)-Offset, 5-10-1996; RULE 1303(b)(2)-Offset, 12-6-2002; RULE 401, 3-2-1984; RULE 401, 11-9-2001]

[Devices subject to this condition : D58]

D. Monitoring/Testing Requirements

D12.1 The operator shall install and maintain a(n) non-resettable totalizing fuel meter to accurately indicate the fuel usage of the furnace.

[RULE 1303(b)(2)-Offset, 5-10-1996; RULE 1303(b)(2)-Offset, 12-6-2002; RULE 2012, 5-6-2005]

[Devices subject to this condition : D58]

FACILITY PERMIT TO OPERATE SCHLOSSER FORGE COMPANY

SECTION H: PERMIT TO CONSTRUCT AND TEMPORARY PERMIT TO OPERATE

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

D28.1 The operator shall conduct source test(s) in accordance with the following specifications:

The test shall be conducted to determine the NOX emissions at the outlet.

The test shall be conducted every five-year period, with the first five-year period ending on June 30, 2005.

The test shall be conducted within 12 months of the approval of the NOx concentration limit.

[RULE 2012, 5-6-2005]

[Devices subject to this condition : D58]

D28.4 The operator shall conduct source test(s) in accordance with the following specifications:

The test shall be conducted to simultaneously determine NOx and CO, in ppmv at 3% oxygen, at the outlet.

The test shall be conducted within 60 days after achieving maximum production rate, but no later than 180 days after initial start-up.

The District shall be notified of the date and time of the test at least 10 days prior to the test.

[RULE 1303(b)(2)-Offset, 5-10-1996; RULE 1303(b)(2)-Offset, 12-6-2002; RULE 2005, 5-6-2005]

[Devices subject to this condition : D58]

K. Record Keeping/Reporting

K40.1 The operator shall provide to the District a source test report in accordance with the following specifications:

FACILITY PERMIT TO OPERATE SCHLOSSER FORGE COMPANY

SECTION H: PERMIT TO CONSTRUCT AND TEMPORARY PERMIT TO OPERATE

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

NO_x source test results shall be submitted to the District no later than 45 days after the test was conducted.

NO_x emissions shall be expressed in terms of ppmv on a dry basis corrected to 3% oxygen.

[RULE 2012, 5-6-2005]

[Devices subject to this condition : D58]

FACILITY PERMIT TO OPERATE SCHLOSSER FORGE COMPANY

SECTION I: PLANS AND SCHEDULES

This section lists all plans approved by AQMD for the purposes of meeting the requirements of applicable AQMD rules.

NONE

NOTE: This section does not list compliance schedules pursuant to the requirements of Regulation XXX - Title V Permits; Rule 3004(a)(10)(C). For equipment subject to a variance, order for abatement, or alternative operating condition granted pursuant to Rule 518.2, equipment specific conditions are added to the equipment in Section D or H of the permit.

**FACILITY PERMIT TO OPERATE
SCHLOSSER FORGE COMPANY**

SECTION J: AIR TOXICS

NOT APPLICABLE

FACILITY PERMIT TO OPERATE SCHLOSSER FORGE COMPANY

SECTION K: TITLE V Administration

GENERAL PROVISIONS

1. This permit may be revised, revoked, reopened and reissued, or terminated for cause, or for failure to comply with regulatory requirements, permit terms, or conditions. [3004(a)(7)(C)]
2. This permit does not convey any property rights of any sort or any exclusive privilege. [3004(a)(7)(E)]

Permit Renewal and Expiration

3. (A) Except for solid waste incineration facilities subject to standards under section 129(e) of the Clean Air Act, this permit shall expire five years from the date that this Title V permit is issued. The operator's right to operate under this permit terminates at midnight on this date, unless the facility is protected by an application shield in accordance with Rule 3002(b), due to the filing of a timely and complete application for a Title V permit renewal, consistent with Rule 3003. [3004(a)(2), 3004(f)]

(B) A Title V permit for a solid waste incineration facility combusting municipal waste subject to standards under Section 129(e) of the Clean Air Act shall expire 12 years from the date of issuance unless such permit has been renewed pursuant to this regulation. These permits shall be reviewed by the Executive Officer at least every five years from the date of issuance. [3004(f)(2)]
4. To renew this permit, the operator shall submit to the Executive Officer an application for renewal at least 180 days, but not more than 545 days, prior to the expiration date of this permit. [3003(a)(6)]

Duty to Provide Information

5. The applicant for, or holder of, a Title V permit shall furnish, pursuant to Rule 3002(d) and (e), timely information and records to the Executive Officer or designee within a reasonable time as specified in writing by the Executive Officer or designee. [3004(a)(7)(F)]

Payment of Fees

6. The operator shall pay all required fees specified in Regulation III - Fees. [3004(a)(7)(G)]

FACILITY PERMIT TO OPERATE SCHLOSSER FORGE COMPANY

SECTION K: TITLE V Administration

Reopening for Cause

7. The Executive Officer will reopen and revise this permit if any of the following circumstances occur:
- (A) Additional regulatory requirements become applicable with a remaining permit term of three or more years. Reopening is not required if the effective date of the requirement is later than the expiration date of this permit, unless the permit or any of its terms and conditions has been extended pursuant to paragraph (f)(4) of Rule 3004.
 - (B) The Executive Officer or EPA Administrator determines that this permit contains a material mistake or that inaccurate statements were made in establishing the emissions standards or other terms or conditions of this permit.
 - (C) The Executive Officer or EPA Administrator determines that the permit must be revised or revoked to assure compliance with the applicable requirements. [3005(g)(1)]

COMPLIANCE PROVISIONS

8. The operator shall comply with all regulatory requirements, and all permit terms and conditions, except:
- (A) As provided for by the emergency provisions of condition no. 17 or condition no. 18, or
 - (B) As provided by an alternative operating condition granted pursuant to a federally approved (SIP-approved) Rule 518.2.

Any non-compliance with any federally enforceable permit condition constitutes a violation of the Federal Clean Air Act and is grounds for enforcement action; for permit termination, revocation and reissuance, or revision; or denial of a permit renewal application. Non-compliance may also be grounds for civil or criminal penalties under the California State Health and Safety Code. [3004(a)(7)(A)]

FACILITY PERMIT TO OPERATE SCHLOSSER FORGE COMPANY

SECTION K: TITLE V Administration

9. The operator shall allow the Executive Officer or authorized representative, upon presentation of appropriate credentials to:
 - (A) Enter the operator's premises where emission-related activities are conducted, or records are kept under the conditions of this permit;
 - (B) Have access to and copy, at reasonable times, any records that must be kept under the conditions of the permit;
 - (C) Inspect at reasonable times, any facilities, equipment (including monitoring and air pollution control equipment), practices, or operations regulated or required under the permit; and
 - (D) Sample or monitor at reasonable times, substances or parameters for the purpose of assuring compliance with the facility permit or regulatory requirements. [3004(a)(10)(B)]

10. All terms and conditions in this permit, including any provisions designed to limit a facility's potential to emit, are enforceable by the EPA Administrator and citizens under the federal Clean Air Act, unless the term or condition is designated as not federally enforceable. Each day during any portion of which a violation occurs is a separate offense. [3004(g)]

11. A challenge to any permit condition or requirement raised by EPA, the operator, or any other person, shall not invalidate or otherwise affect the remaining portions of this permit. [3007(b)]

12. The filing of any application for a permit revision, revocation, or termination, or a notification of planned changes or anticipated non-compliance does not stay any permit condition. [3004(a)(7)(D)]

13. It shall not be a defense for a person in an enforcement action, including those listed in Rule 3002(c)(2), that it would have been necessary to halt or reduce the permitted activity in order to maintain compliance with the conditions of this permit, except as provided for in "Emergency Provisions" of this section. [3004(a)(7)(H)]

FACILITY PERMIT TO OPERATE SCHLOSSER FORGE COMPANY

SECTION K: TITLE V Administration

14. The operator shall not build, erect, install, or use any equipment, the use of which, without resulting in a reduction in the total release of air contaminants to atmosphere, reduces or conceals an emission which would otherwise constitute a violation of Chapter 3 (commencing with Section 41700) of Part 4, of Division 26 of the California Health and Safety Code or of AQMD rules. This rule shall not apply to cases in which the only violation involved is of Section 41700 of the California Health and Safety Code, or Rule 402 of AQMD Rules. [408]

15. Nothing in this permit or in any permit shield can alter or affect:
 - (A) Under Section 303 of the federal Clean Air Act, the provisions for emergency orders;
 - (B) The liability of the operator for any violation of applicable requirements prior to or at the time of permit issuance;
 - (C) The applicable requirements of the Acid Rain Program, Regulation XXXI;
 - (D) The ability of EPA to obtain information from the operator pursuant to Section 114 of the federal Clean Air Act;
 - (E) The applicability of state or local requirements that are not "applicable requirements", as defined in Rule 3000, at the time of permit issuance but which do apply to the facility, such as toxics requirements unique to the State; and
 - (F) The applicability of regulatory requirements with compliance dates after the permit issuance date. [3004(c)(3)]

16. For any portable equipment that requires an AQMD or state permit or registration, excluding a) portable engines, b) military tactical support equipment and c) AQMD-permitted portable equipment that are not a major source, are not located at the facility for more than 12 consecutive months after commencing operation, and whose operation does not conflict with the terms or conditions of this Title V permit: 1) the facility operator shall keep a copy of the AQMD or state permit or registration; 2) the equipment operator shall comply with the conditions on the permit or registration and all other regulatory requirements; and 3) the facility operator shall treat the permit or registration as a part of its Title V permit, subject to recordkeeping, reporting and certification requirements. [3004(a)(1)]

FACILITY PERMIT TO OPERATE SCHLOSSER FORGE COMPANY

SECTION K: TITLE V Administration EMERGENCY PROVISIONS

17. An emergency¹ constitutes an affirmative defense to an action brought for noncompliance with a technology-based emission limit only if:
- (A) Properly signed, contemporaneous operating records or other credible evidence demonstrate that:
 - (1) An emergency occurred and the operator can identify the cause(s) of the emergency;
 - (2) The facility was operated properly (i.e. operated and maintained in accordance with the manufacturer's specifications, and in compliance with all regulatory requirements or a compliance plan), before the emergency occurred;
 - (3) The operator took all reasonable steps to minimize levels of emissions that exceeded emissions standard, or other requirements in the permit; and,
 - (4) The operator submitted a written notice of the emergency to the AQMD within two working days of the time when the emissions limitations were exceeded due to the emergency. The notice shall contain a description of the emergency, any steps taken to mitigate emissions, and corrective actions taken; and
 - (B) The operator complies with the breakdown provisions of Rule 430 – Breakdown Provisions, or subdivision (i) of Rule 2004 – Requirements, whichever is applicable. [3002(g), 430, 2004(i)]
18. The operator is excused from complying with any regulatory requirement that is suspended by the Executive Officer during a state of emergency or state of war emergency, in accordance with Rule 118 - Emergencies. [118]

¹ "Emergency" means any situation arising from sudden and reasonably unforeseeable events beyond the control of the operator, including acts of God, which: (A) requires immediate corrective action to restore normal operation; and (B) causes the facility to exceed a technology-based emission limitation under the permit, due to unavoidable increases in emissions attributable to the emergency; and (C) is not caused by improperly designed equipment, lack of preventative maintenance, careless or improper operation, or operator error.

FACILITY PERMIT TO OPERATE SCHLOSSER FORGE COMPANY

SECTION K: TITLE V Administration RECORDKEEPING PROVISIONS

19. In addition to any other recordkeeping requirements specified elsewhere in this permit, the operator shall keep records of required monitoring information, where applicable, that include:

- (A) The date, place as defined in the Title V permit, and time of sampling or measurements;
- (B) The date(s) analyses were performed;
- (C) The company or entity that performed the analyses;
- (D) The analytical techniques or methods used;
- (E) The results of such analyses; and
- (F) The operating conditions as existing at the time of sampling or measurement.
[3004(a)(4)(B)]

20. The operator shall maintain records pursuant to Rule 109 and any applicable material safety data sheet (MSDS) for any equipment claimed to be exempt from a written permit by Rule 219 based on the information in those records. [219(t)]

21. The operator shall keep all records of monitoring data required by this permit or by regulatory requirements for a period of at least five years from the date of the monitoring sample, measurement, report, or application. [3004(a)(4)(E)]

REPORTING PROVISIONS

22. The operator shall comply with the following requirements for prompt reporting of deviations:

- (A) Breakdowns shall be reported as required by Rule 430 – Breakdown Provisions or subdivision (i) of Rule 2004 - Requirements, whichever is applicable.

FACILITY PERMIT TO OPERATE SCHLOSSER FORGE COMPANY

SECTION K: TITLE V Administration

- (B) Other deviations from permit or applicable rule emission limitations, equipment operating conditions, or work practice standards, determined by observation or by any monitoring or testing required by the permit or applicable rules that result in emissions greater than those allowed by the permit or applicable rules shall be reported within 72 hours (unless a shorter reporting period is specified in an applicable State or Federal Regulation) of discovery of the deviation by contacting AQMD enforcement personnel assigned to this facility or otherwise calling (800) CUT-SMOG.
 - (C) A written report of such deviations reported pursuant to (B), and any corrective actions or preventative measures taken, shall be submitted to AQMD, in an AQMD approved format, within 14 days of discovery of the deviation.
 - (D) All other deviations shall be reported with the monitoring report required by condition no. 23. [3004(a)(5)]
23. Unless more frequent reporting of monitoring results are specified in other permit conditions or in regulatory requirements, the operator shall submit reports of any required monitoring to the AQMD at least twice per year. The report shall include a) a statement whether all monitoring required by the permit was conducted; and b) identification of all instances of deviations from permit or regulatory requirements. A report for the first six calendar months of the year is due by August 31 and a report for the last six calendar months of the year is due by February 28. [3004(a)(4)(F)]
24. The operator shall submit to the Executive Officer and to the Environmental Protection Agency (EPA), an annual compliance certification. For RECLAIM facilities, the certification is due when the Annual Permit Emissions Program (APEP) report is due and shall cover the same reporting period. For other facilities, the certification is due on March 1 for the previous calendar year. The certification need not include the period preceding the date the initial Title V permit was issued. Each compliance certification shall include:
- (A) Identification of each permit term or condition that is the basis of the certification;

FACILITY PERMIT TO OPERATE SCHLOSSER FORGE COMPANY

SECTION K: TITLE V Administration

- (B) The compliance status during the reporting period;
- (C) Whether compliance was continuous or intermittent;
- (D) The method(s) used to determine compliance over the reporting period and currently, and
- (E) Any other facts specifically required by the Executive Officer to determine compliance.

The EPA copy of the certification shall be sent to: Director of the Air Division Attn:
Air-3 USEPA, Region IX 75 Hawthorne St. San Francisco, CA 94105 [3004(a)(10)(E)]

25. All records, reports, and documents required to be submitted by a Title V operator to AQMD or EPA shall contain a certification of accuracy consistent with Rule 3003(c)(7) by a responsible official (as defined in Rule 3000). [3004(a)(12)]

PERIODIC MONITORING

26. All periodic monitoring required by this permit pursuant to Rule 3004(a)(4)(c) is based on the requirements and justifications in the AQMD document "Periodic Monitoring Guidelines for Title V Facilities" or in case-by-case determinations documented in the TitleV application file. [3004(a)(4)]

FACILITY PERMIT TO OPERATE SCHLOSSER FORGE COMPANY

SECTION K: TITLE V Administration

FACILITY RULES

This facility is subject to the following rules and regulations

With the exception of Rule 402, 473, 477, 1118 and Rules 1401 through 1420, the following rules that are designated as non-federally enforceable are pending EPA approval as part of the state implementation plan. Upon the effective date of that approval, the approved rule(s) will become federally enforceable, and any earlier versions of those rules will no longer be federally enforceable.

RULE SOURCE	Adopted/Amended Date	FEDERAL Enforceability
RULE 1107	1-6-2006	Non federally enforceable
RULE 1107	11-9-2001	Federally enforceable
RULE 1113	11-8-1996	Federally enforceable
RULE 1113	7-13-2007	Non federally enforceable
RULE 1140	2-1-1980	Federally enforceable
RULE 1140	8-2-1985	Non federally enforceable
RULE 1146.2	1-7-2005	Non federally enforceable
RULE 1146.2	1-9-1998	Federally enforceable
RULE 1151	12-11-1998	Federally enforceable
RULE 1151	12-2-2005	Non federally enforceable
RULE 1155	12-4-2009	Non federally enforceable
RULE 1171	11-7-2003	Federally enforceable
RULE 1171	5-1-2009	Non federally enforceable
RULE 118	12-7-1995	Non federally enforceable
RULE 1303(a)(1)-BACT	12-6-2002	Non federally enforceable
RULE 1303(a)(1)-BACT	5-10-1996	Federally enforceable
RULE 1303(b)(2)-Offset	12-6-2002	Non federally enforceable
RULE 1303(b)(2)-Offset	5-10-1996	Federally enforceable
RULE 1304(a)-Modeling and Offset Exemption	6-14-1996	Federally enforceable
RULE 1401	2-7-2003	Non federally enforceable
RULE 1401	3-4-2005	Non federally enforceable

FACILITY PERMIT TO OPERATE SCHLOSSER FORGE COMPANY

SECTION K: TITLE V Administration

RULE SOURCE	Adopted/Amended Date	FEDERAL Enforceability
RULE 1470	6-1-2007	Non federally enforceable
RULE 2001	5-6-2005	Federally enforceable
RULE 2004	4-6-2007	Non federally enforceable
RULE 2004	5-11-2001	Federally enforceable
RULE 2005	5-6-2005	Federally enforceable
RULE 2012	5-6-2005	Federally enforceable
RULE 204	10-8-1993	Federally enforceable
RULE 217	1-5-1990	Federally enforceable
RULE 219	6-1-2007	Non federally enforceable
RULE 219	9-4-1981	Federally enforceable
RULE 2202	2-6-2004	Non federally enforceable
RULE 3002	11-14-1997	Federally enforceable
RULE 3003	11-14-1997	Federally enforceable
RULE 3003	3-16-2001	Non federally enforceable
RULE 3004	12-12-1997	Federally enforceable
RULE 3004(a)(4)-Periodic Monitoring	12-12-1997	Federally enforceable
RULE 3005	11-14-1997	Federally enforceable
RULE 3005	3-16-2001	Non federally enforceable
RULE 3007	10-8-1993	Federally enforceable
RULE 304	6-9-2006	Non federally enforceable
RULE 401	11-9-2001	Non federally enforceable
RULE 401	3-2-1984	Federally enforceable
RULE 402	5-7-1976	Non federally enforceable
RULE 404	2-7-1986	Federally enforceable
RULE 405	2-7-1986	Federally enforceable
RULE 407	4-2-1982	Federally enforceable
RULE 408	5-7-1976	Federally enforceable
RULE 409	8-7-1981	Federally enforceable
RULE 430	7-12-1996	Non federally enforceable
RULE 431.2	5-4-1990	Federally enforceable
RULE 431.2	9-15-2000	Non federally enforceable
RULE 442	12-15-2000	Federally enforceable

FACILITY PERMIT TO OPERATE SCHLOSSER FORGE COMPANY

SECTION K: TITLE V Administration

RULE SOURCE	Adopted/Amended Date	FEDERAL Enforceability
RULE 701	6-13-1997	Federally enforceable

FACILITY PERMIT TO OPERATE SCHLOSSER FORGE COMPANY

APPENDIX A: NOX AND SOX EMITTING EQUIPMENT EXEMPT FROM WRITTEN PERMIT PURSUANT TO RULE 219

1. BOILER, NATURAL GAS
2. STORAGE TANK, PROPANE
3. CONCRETE SAW, GASOLINE
4. DIE HEATER, NATURAL GAS
5. DIE HEATER OVEN, NATURAL GAS
6. FURNACES, NATURAL GAS
7. PRESSURE CLEANERS, DIESEL
8. STREET SWEEPER, PROPANE
9. TORCH DIE HEATERS, NATURAL GAS
10. VACUUM SWEEPERS, GASOLINE
11. WATER HEATER, NATURAL GAS
12. WELDER, GASOLINE

FACILITY PERMIT TO OPERATE SCHLOSSER FORGE COMPANY

APPENDIX B: RULE EMISSION LIMITS [RULE 1107 01-06-2006]

Except as otherwise provided in Rule 1107

(1) VOC Content of Coatings

A person shall not apply to metal parts and products subject to the provisions of this rule any coatings, including any VOC-containing materials added to the original coating supplied by the manufacturer, which contain VOC in excess of the limits specified below:

VOC LIMITS								
Less Water and Less Exempt Compounds								
Effective Dates								
Coating	Air-Dried				Baked			
	gm/l		lb/gal		gm/l		lb/gal	
	Current	7/1/07	Current	7/1/07	Current	7/1/07	Current	7/1/07
General One-Component	275	275	2.3	2.3	275	275	2.3	2.3
General Multi-Component	340	340	2.8	2.8	275	275	2.3	2.3
Military Specification	340	340	2.8	2.8	275	275	2.3	2.3
Etching Filler	420	420	3.5	3.5	420	420	3.5	3.5
Solar-Absorbent	420	420	3.5	3.5	360	360	3.0	3.0
Heat-Resistant	420	420	3.5	3.5	360	360	3.0	3.0
Extreme High-Gloss	420	340	3.5	2.8	360	360	3.0	3.0
Metallic	420	420	3.5	3.5	420	420	3.5	3.5

FACILITY PERMIT TO OPERATE SCHLOSSER FORGE COMPANY

APPENDIX B: RULE EMISSION LIMITS [RULE 1107 01-06-2006]

VOC LIMITS								
Less Water and Less Exempt Compounds								
Effective Dates, cont.								
Coating	Air-Dried				Baked			
	gm/l		lb/gal		gm/l		lb/gal	
	Current	7/1/07	Current	7/1/07	Current	7/1/07	Current	7/1/07
Extreme Performance	420	420	3.5	3.5	360	360	3.0	3.0
Prefabricated Architectural One-Component	420	275	3.5	2.3	275	275	2.3	2.3
Prefabricated Architectural Multi-Component	420	340	3.5	2.8	275	275	2.3	2.3
Touch Up	420	420	3.5	3.5	360	360	3.0	3.0
Repair	420	420	3.5	3.5	360	360	3.0	3.0
Silicone Release	420	420	3.5	3.5	420	420	3.5	3.5
High-Performance Architectural	420	420	3.5	3.5	420	420	3.5	3.5
Camouflage	420	420	3.5	3.5	420	420	3.5	3.5
Vacuum-Metalizing	420	420	3.5	3.5	420	420	3.5	3.5
Mold-Seal	420	420	3.5	3.5	420	420	3.5	3.5
High-Temperature	420	420	3.5	3.5	420	420	3.5	3.5
Electric-Insulating Varnish	420	420	3.5	3.5	420	420	3.5	3.5
Pan Backing	420	420	3.5	3.5	420	420	3.5	3.5
Pretreatment Coatings	420	420	3.5	3.5	420	420	3.5	3.5

FACILITY PERMIT TO OPERATE SCHLOSSER FORGE COMPANY

APPENDIX B: RULE EMISSION LIMITS [RULE 1107 01-06-2006]

- (2) A person shall not use VOC-containing materials which have a VOC content of more than 200 grams per liter of material for stripping any coating governed by this rule.

FACILITY PERMIT TO OPERATE SCHLOSSER FORGE COMPANY

APPENDIX B: RULE EMISSION LIMITS [RULE 1107 11-09-2001]

Except as otherwise provided in Rule 1107

(1) VOC Content of Coatings

A person shall not apply to metal parts and products subject to the provisions of this rule any coatings, including any VOC-containing materials added to the original coating supplied by the manufacturer, which contain VOC in excess of the limits specified below:

VOC LIMITS								
Less Water and Less Exempt Compounds								
Effective Dates								
Coating	Air-Dried				Baked			
	gm/l		lb/gal		gm/l		lb/gal	
	Current	7/1/07	Current	7/1/07	Current	7/1/07	Current	7/1/07
General One-Component	275	275	2.3	2.3	275	275	2.3	2.3
General Multi-Component	340	340	2.8	2.8	275	275	2.3	2.3
Military Specification	340	340	2.8	2.8	275	275	2.3	2.3
Etching Filler	420	420	3.5	3.5	420	420	3.5	3.5
Solar-Absorbent	420	420	3.5	3.5	360	360	3.0	3.0
Heat-Resistant	420	420	3.5	3.5	360	360	3.0	3.0
Extreme High-Gloss	420	340	3.5	2.8	360	360	3.0	3.0
Metallic	420	420	3.5	3.5	420	420	3.5	3.5

FACILITY PERMIT TO OPERATE SCHLOSSER FORGE COMPANY

APPENDIX B: RULE EMISSION LIMITS [RULE 1107 11-09-2001]

Except as otherwise provided in Rule 1107

(1) VOC Content of Coatings

A person shall not apply to metal parts and products subject to the provisions of this rule any coatings, including any VOC-containing materials added to the original coating supplied by the manufacturer, which contain VOC in excess of the limits specified below:

VOC LIMITS								
Less Water and Less Exempt Compounds								
Effective Dates								
Coating	Air-Dried				Baked			
	gm/l		lb/gal		gm/l		lb/gal	
	Current	7/1/07	Current	7/1/07	Current	7/1/07	Current	7/1/07
General One-Component	275	275	2.3	2.3	275	275	2.3	2.3
General Multi-Component	340	340	2.8	2.8	275	275	2.3	2.3
Military Specification	340	340	2.8	2.8	275	275	2.3	2.3
Etching Filler	420	420	3.5	3.5	420	420	3.5	3.5
Solar-Absorbent	420	420	3.5	3.5	360	360	3.0	3.0
Heat-Resistant	420	420	3.5	3.5	360	360	3.0	3.0
Extreme High-Gloss	420	340	3.5	2.8	360	360	3.0	3.0
Metallic	420	420	3.5	3.5	420	420	3.5	3.5

FACILITY PERMIT TO OPERATE SCHLOSSER FORGE COMPANY

APPENDIX B: RULE EMISSION LIMITS [RULE 1107 11-09-2001]

VOC LIMITS								
Less Water and Less Exempt Compounds								
Effective Dates, cont.								
Coating	Air-Dried				Baked			
	gm/l		lb/gal		gm/l		lb/gal	
	Cur rent	7/1/07	Current	7/1/07	Current	7/1/07	Current	7/1/07
Extreme Performance	420	420	3.5	3.5	360	360	3.0	3.0
Prefabricated Architectural One-Component	420	275	3.5	2.3	275	275	2.3	2.3
Prefabricated Architectural Multi-Component	420	340	3.5	2.8	275	275	2.3	2.3
Touch Up	420	420	3.5	3.5	360	360	3.0	3.0
Repair	420	420	3.5	3.5	360	360	3.0	3.0
Silicone Release	420	420	3.5	3.5	420	420	3.5	3.5
High-Performance Architectural	420	420	3.5	3.5	420	420	3.5	3.5
Camouflage	420	420	3.5	3.5	420	420	3.5	3.5
Vacuum-Metalizing	420	420	3.5	3.5	420	420	3.5	3.5
Mold-Seal	420	420	3.5	3.5	420	420	3.5	3.5
High-Temperature	420	420	3.5	3.5	420	420	3.5	3.5
Electric-Insulating Varnish	420	420	3.5	3.5	420	420	3.5	3.5
Pan Backing	420	420	3.5	3.5	420	420	3.5	3.5
Pretreatment Coatings	420	420	3.5	3.5	420	420	3.5	3.5

- (2) A person shall not use VOC-containing materials which have a VOC content of more than 200 grams per liter of material for stripping any coating governed by this rule.

FACILITY PERMIT TO OPERATE SCHLOSSER FORGE COMPANY

APPENDIX B: RULE EMISSION LIMITS [RULE 1113 11-08-1996]

- (1) Except as provided in paragraphs (c)(2), (c)(3), and (c)(4) of Rule 1113, the operator shall not supply, sell, offer for sale, apply, or solicit the application of, any architectural coating which, at the time of sale or manufacture, contains more than 250 grams of VOC per liter of coating (2.08 pounds per gallon), less water, less exempt compounds, and less any colorant added to tint bases, or manufacture, blend, or repackage such a coating for use within the District.
- (2) Except as provided in paragraphs (c)(3) and (c)(4) of Rule 1113, the operator shall not supply, sell, offer for sale, apply, solicit the application of, manufacture, blend, or repackage, for use within the District, any architectural coating listed in the Table of Standards which contains VOC (excluding any colorant added to tint bases) in excess of the corresponding VOC limit specified in the table, after the effective date specified.

TABLE OF STANDARDS

VOC LIMITS

Grams of VOC Per Liter of Coating, Less Water And Less Exempt Compounds

COATING	Limit*	Effective Date of Adoption	Effective 1/1/1998	Effective 1/1/1999	Effective 7/1/2001	Effective 1/1/2005	Effective 7/1/2008
Bond Breakers	350						
Clear Wood Finishes							
Varnish	350						
Sanding Sealers	350						
Lacquer	680		550			275	
Concrete-Curing Compounds	350						
Dry-Fog Coatings	400						
Fire-proofing Exterior Coatings	350	450		350			
Fire-Retardant Coatings							
Clear	650						
Pigmented	350						
Flats	250				100		50
Graphic Arts (Sign) Coatings	500						

FACILITY PERMIT TO OPERATE SCHLOSSER FORGE COMPANY

APPENDIX B: RULE EMISSION LIMITS [RULE 1113 11-08-1996]

Industrial Maintenance						
Primers and Topcoats						
Alkyds	420					
Catalyzed Epoxy	420					
Bituminous Coatings	420					
Materials						
Inorganic Polymers	420					
Vinyl Chloride Polymers	420					
Chlorinated Rubber	420					
Acrylic Polymers	420					
Urethane Polymers	420					
Silicones	420					
Unique Vehicles	420					
Japans/Faux Finishing	350	700		350		
Coatings						
Magnesite Cement Coatings	600			450		
Mastic Coatings	300					
Metallic Pigmented Coatings	500					
Multi-Color Coatings	420		250			
Pigmented Lacquer	680		550		275	
Pre-Treatment Wash Primers	780					
Primers, Sealers, and	350					
Undercoaters						
Quick-Dry Enamels	400					
Roof Coatings	300					
Shellac						
Clear	730					
Pigmented	550					
Stains	350					
Swimming Pool Coatings						
Repair	650					
Other	340					
Traffic Coatings	250		150			
Waterproofing Sealers	400					
Wood Preservatives						
Below-Ground	350					
Other	350					

* The specified limits remain in effect unless revised limits are listed in subsequent columns in the Table of Standards

TABLE OF STANDARDS (cont.)

VOC LIMITS

Grams of VOC Per Liter of Material

COATING	Limit
Low-Solids Coating	120

FACILITY PERMIT TO OPERATE SCHLOSSER FORGE COMPANY

APPENDIX B: RULE EMISSION LIMITS [RULE 1113 03-16-1984]

- (1) The operator shall not sell, offer for sale, or apply any architectural coating manufactured after December 31, 1981 which:
- (A) contains more than 250 grams of volatile organic compounds per liter of coating (2.08 pounds per gallon) excluding water and any colorant added to tint bases, except as provided in subsection (a)(2) or
 - (B) contains more than 380 grams of volatile organic compounds per liter of coating (3.17 pounds per gallon), excluding water and any colorant added to tint bases, is defined as a non-flat coating, and is manufactured prior to September 2, 1985.
 - (C) contains more than 450 grams of volatile organic compounds per liter of coatings (3.75 pounds per gallon), excluding water and any colorant added to tint bases, is defined as a non-flat coating, and is manufactured by a small business prior to March 2, 1984.
 - (D) is recommended for use as a bituminous pavement sealer unless it is an emulsion-type coating.
- (2) The operator shall not sell, offer for sale or apply any architectural specialty coating which exceeds the following limits (expressed as grams of VOC per liter of coating as applied, excluding water) manufactured after the date listed below:

	<u>Effective</u> <u>Sept. 1, 1984</u>	<u>Effective</u> <u>Sept. 1, 1987</u>
Varnish	500	350
Lacquer	---	680
Semi-transparent Stains	---	350
Opaque Stains	400	350
Semi-transparent and Clear Wood Preservatives	---	350
Opaque Wood Preservatives and Undercoaters	400	350
General Primers, Sealers and Undercoaters	400	350
Specialty Primers, Sealers, and Undercoaters		350
Industrial Maintenance Primers and Topcoats	500*	420

FACILITY PERMIT TO OPERATE SCHLOSSER FORGE COMPANY

APPENDIX B: RULE EMISSION LIMITS [RULE 1113 03-16-1984]

	Effective <u>Sept 1, 1984</u>	Effective <u>Sept 1, 1987</u>
Dry Fog Coatings		
Flats	550	420
Non-Flats	420	400
Quick Dry Enamels	---	400
Specialty Flats		400
Waterproof Sealers	---	400
Concrete Curing Compounds		350
Roof Coatings	---	300
Waterproofing Mastic Coatings	---	300
Enamel Undercoaters	450	350
Traffic Paints		
For public streets and highways	415	250
For other surfaces	250	250
Black traffic coatings	---	250

*This limit shall become effective on September 1, 1985.

FACILITY PERMIT TO OPERATE SCHLOSSER FORGE COMPANY

APPENDIX B: RULE EMISSION LIMITS [RULE 1113 05-14-1999]

- (1) Except as provided in paragraphs (c)(2), (c)(3), (c)(4), and specified coatings averaged under (c)(6) of Rule 1113, the operator shall not supply, sell, offer for sale, manufacture, blend, or repackage any architectural coating for use in the District which, at the time of sale or manufacture, contains more than 250 grams of VOC per liter of coating (2.08 pounds per gallon), less water, less exempt compounds, and less any colorant added to tint bases, and no person shall apply or solicit the application of any architectural coating within the District that exceeds 250 grams of VOC per liter of coating as calculated in this paragraph.
- (2) Except as provided in paragraphs (c)(3), (c)(4), and designated coatings averaged under (c)(6) of Rule 1113, the operator shall not supply, sell, offer for sale, manufacture, blend, or repackage, for use within the District, any architectural coating listed in the Table of Standards which contains VOC (excluding any colorant added to tint bases) in excess of the corresponding VOC limit specified in the table, after the effective date specified, and no person shall apply or solicit the application of any architectural coating within the District that exceeds the VOC limit as specified in this paragraph. No person shall apply or solicit the application within the District of any industrial maintenance coatings for residential use; or of any rust-preventative coating for industrial use.

FACILITY PERMIT TO OPERATE SCHLOSSER FORGE COMPANY

APPENDIX B: RULE EMISSION LIMITS [RULE 1113 05-14-1999] TABLE OF STANDARDS VOC LIMITS

**Grams of VOC Per Liter of Coating,
Less Water And Less Exempt Compounds**

COATING	Limit*	Effective 1/1/1998	Effective 1/1/1999	Effective 5/14/99	Effective 7/1/2001	Effective 7/1/2002	Effective 1/1/2005	Effective 7/1/2006	Effective 7/1/2008
Bond Breakers	350								
Chemical Storage Tank Coatings	420							100	
Clear Wood Finishes									
Varnish	350								
Sanding Sealers	350								
Lacquer	680	550					275		
Concrete-Curing Compounds	350								
Dry-Fog Coatings	400								
Essential Public Service Coating	420					340		100	
Fire-proofing Exterior Coatings	450		350						
Fire-Retardant Coatings									
Clear	650								
Pigmented	350								
Flats	250				100				50
Floor Coatings	420					100		50	
Graphic Arts (Sign) Coatings	500								
High Temperature Industrial Maintenance Coatings						550		420	
Industrial Maintenance Coatings	420					250		100	
Japans/Faux Finishing Coatings	700		350						
Magnesite Cement Coatings	600		450						
Mastic Coatings	300								
Metallic Pigmented Coatings	500								
Multi-Color Coatings	420	250							
Non-Flat Coatings	250					150		50	
Pigmented Lacquer	680	550					275		
Pre-Treatment Wash Primers	780								
Primers, Sealers, and Undercoaters	350					200		100	
Quick-Dry Enamels	400					250		50	

FACILITY PERMIT TO OPERATE SCHLOSSER FORGE COMPANY

APPENDIX B: RULE EMISSION LIMITS [RULE 1113 05-14-1999]

Quick-Dry Primers, Sealers, and Undercoaters	350**					200		100	
Recycled Coatings				250		250		100	
Roof Coatings	300			250					
Bituminous Roof Coatings	300					250			
Rust Preventative Coatings	420			400				100	
Shellac									
Clear	730								
Pigmented	550								
Specialty Primers	350							100	
Stains	350					250			
Swimming Pool Coatings									
Repair	650								
Other	340								
Traffic Coatings	250	150							
Waterproofing Sealers									
Wood	400					250			
Concrete/Masonry	400								
Wood Preservatives									
Below-Ground	350								
Other	350								

* The specified limits remain in effect unless revised limits are listed in subsequent columns in the Table of Standards

** The specified limit applies unless the manufacturer submits a report pursuant to Rule 1113(g)(2).

Grams of VOC Per Liter of Material

COATING	Limit
Low-Solids Coating	120

FACILITY PERMIT TO OPERATE SCHLOSSER FORGE COMPANY

APPENDIX B: RULE EMISSION LIMITS [RULE 1113 07-13-2007]

- (1) Except as provided in paragraphs (c)(2), (c)(3), (c)(4), and specified coatings averaged under (c)(6), no person shall supply, sell, offer for sale, manufacture, blend, or repackage any architectural coating for use in the District which, at the time of sale or manufacture, contains more than 250 grams of VOC per liter of coating (2.08 pounds per gallon), less water, less exempt compounds, and less any colorant added to tint bases, and no person shall apply or solicit the application of any architectural coating within the District that exceeds 250 grams of VOC per liter of coating as calculated in this paragraph.
- (2) Except as provided in paragraphs (c)(3), (c)(4), and designated coatings averaged under (c)(6), no person shall supply, sell, offer for sale, manufacture, blend, or repackage, for use within the District, any architectural coating listed in the Table of Standards which contains VOC (excluding any colorant added to tint bases) in excess of the corresponding VOC limit specified in the table, after the effective date specified, and no person shall apply or solicit the application of any architectural coating within the District that exceeds the VOC limit as specified in this paragraph. No person shall apply or solicit the application within the District of any industrial maintenance coatings, except anti-graffiti coatings, for residential use or for use in areas such as office space and meeting rooms of industrial, commercial or institutional facilities not exposed to such extreme environmental conditions described in the definition of industrial maintenance coatings; or of any rust-preventative coating for industrial use, unless such a rust preventative coating complies with the Industrial Maintenance Coating VOC limit specified in the Table of Standards.

FACILITY PERMIT TO OPERATE SCHLOSSER FORGE COMPANY

APPENDIX B: RULE EMISSION LIMITS [RULE 1113 07-13-2007] TABLE OF STANDARDS VOC LIMITS

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

COATING CATEGORY	Ceiling Limit*	Current Limit	Effective Date					
			1/1/03	1/1/04	1/1/05	7/1/06	7/1/07	7/1/08
Bond Breakers	350							
Clear Wood Finishes	350					275		
Varnish	350					275		
Sanding Sealers	350					275		
Lacquer	680	550			275			
Clear Brushing Lacquer	680				275			
Concrete-Curing Compounds	350						100	
Concrete-Curing Compounds For Roadways and Bridges**	350							
Dry-Fog Coatings	400						150	
Fire-Proofing Exterior Coatings	450	350						
Fire-Retardant Coatings***								
Clear	650							
Pigmented	350							
Flats	250	100						50
Floor Coatings	420		100			50		
Graphic Arts (Sign) Coatings	500							
Industrial Maintenance (IM) Coatings	420			250		100		
High Temperature IM Coatings			420					
Zinc-Rich IM Primers	420		340			100		
Japans/Faux Finishing Coatings	700	350						
Magnesite Cement Coatings	600	450						
Mastic Coatings	300							
Metallic Pigmented Coatings	500							
Multi-Color Coatings	420	250						
Nonflat Coatings	250		150			50		

FACILITY PERMIT TO OPERATE SCHLOSSER FORGE COMPANY

APPENDIX B: RULE EMISSION LIMITS [RULE 1113 07-13-2007]

COATING CATEGORY	Ceiling Limit*	Current Limit	Effective Date					
			1/1/03	1/1/04	1/1/05	7/1/06	7/1/07	7/1/08
Nonflat High Gloss	250		150				50	
Pigmented Lacquer	680	550			275			
Pre-Treatment Wash Primers	780		420					
Primers, Sealers, and Undercoaters	350		200			100		
Quick-Dry Enamels	400		250			150	50	
Quick-Dry Primers, Sealers, and Undercoaters	350		200			100		
Recycled Coatings			250					
Roof Coatings	300		250		50			
Roof Coatings, Aluminum	500				100			
Roof Primers, Bituminous	350		350					
Rust Preventative Coatings	420		400			100		
Shellac								
Clear	730							
Pigmented	550							
Specialty Primers	350					250	100	
Stains	350		250				100	
Stains, Interior	250							
Swimming Pool Coatings								
Repair	650		340					
Other	340							
Traffic Coatings	250	150					100	
Waterproofing Sealers	400		250			100		
Waterproofing Concrete/Masonry Sealers	400					100		
Wood Preservatives								
Below-Ground	350							
Other	350							

* The specified limits remain in effect unless revised limits are listed in subsequent columns in the Table of Standards.

** Does not include compounds used for curbs and gutters, sidewalks, islands, driveways and other miscellaneous concrete areas.

*** The Fire-Retardant Coating category will be eliminated on January 1, 2007 and subsumed by the coating category for which they are formulated.

**FACILITY PERMIT TO OPERATE
SCHLOSSER FORGE COMPANY**

**APPENDIX B: RULE EMISSION LIMITS
[RULE 1113 07-13-2007]**

**TABLE OF STANDARDS (cont.)
VOC LIMITS**

Grams of VOC Per Liter of Material

COATING	Limit
Low-Solids Coating	120

FACILITY PERMIT TO OPERATE SCHLOSSER FORGE COMPANY

APPENDIX B: RULE EMISSION LIMITS [RULE 1140 02-01-1980]

- (1) The operator shall not, if he complies with an applicable performance standard in section (b)(4) of Rule 1140, discharge into the atmosphere from any abrasive blasting any air contaminant for a period or periods aggregating more than three minutes in any one hour which is:
 - (A) As dark or darker in shade as that designated as No. 2 on the Ringelmann Chart, as published by the United States Bureau of Mines, or
 - (B) Of such opacity as to obscure an observer's view to a degree equal to or greater than does smoke described in (1)(A).
- (2) The operator shall not, if he is not complying with an applicable performance standard in section (b)(4) of Rule 1140, discharge into the atmosphere from any abrasive blasting any air contaminant for a period or periods aggregating more than three minutes in any one hour which is:
 - (A) As dark or darker in shade as that designated as No. 1 on the Ringelmann Chart, as published by the United States Bureau of Mines, or
 - (B) Of such opacity as to obscure an observer's view to a degree equal to or greater than does smoke described in (2)(A).

FACILITY PERMIT TO OPERATE SCHLOSSER FORGE COMPANY

APPENDIX B: RULE EMISSION LIMITS [RULE 1140 08-02-1985]

- (1) The operator shall not, if he complies with an applicable performance standard in section (b)(4) of Rule 1140, discharge into the atmosphere from any abrasive blasting any air contaminant for a period or periods aggregating more than three minutes in any one hour which is:
 - (A) As dark or darker in shade as that designated as No. 2 on the Ringelmann Chart, as published by the United States Bureau of Mines, or
 - (B) Of such opacity as to obscure an observer's view to a degree equal to or greater than does smoke described in (1)(A).

- (2) The operator shall not, if he is not complying with an applicable performance standard in section (b)(4) of Rule 1140, discharge into the atmosphere from any abrasive blasting any air contaminant for a period or periods aggregating more than three minutes in any one hour which is:
 - (A) As dark or darker in shade as that designated as No. 1 on the Ringelmann Chart, as published by the United States Bureau of Mines, or
 - (B) Of such opacity as to obscure an observer's view to a degree equal to or greater than does smoke described in (2)(A).

FACILITY PERMIT TO OPERATE SCHLOSSER FORGE COMPANY

APPENDIX B: RULE EMISSION LIMITS [RULE 1151 12-11-1998]

Except as otherwise provided in Rule 1151

(1) VOC Content of Coatings

A person shall not apply a coating to Group I vehicles and equipment, and Group II vehicles, or their parts and components, which has a VOC content which exceeds the limits contained in subparagraphs (1)(A) and (1)(B). Compliance with the VOC limits shall be based on VOC content, including any VOC material added to the original coating supplied by the manufacturer, less water and exempt compounds, as applied to the vehicle, mobile equipment, or parts and components.

(A) Group I Vehicles and Equipment

The operator who applies coatings to Group I vehicles and equipment, or their parts or components, shall not apply a coating which has a VOC content in excess of the limits in Table 1.

TABLE 1

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

<u>COATING</u>	<u>On and After December 12, 1998</u>	
	<u>g/L</u>	<u>lb/gal</u>
Pretreatment	780	6.5
Primer/Primer Surfacer/ Primer Sealer	250	2.1
Topcoats		
General	340	2.8
Metallic/Iridescent	340*	2.8*
Multi-Colored	685	5.7
Multistage	340*	2.8*
Specialty Coating	840	7.0

*The VOC limits for Metallic/Iridescent and Multistage topcoats for spot repairs on Group I vehicles and mobil equipment will be 3.5 lb/gal (less water and exempt compounds).

FACILITY PERMIT TO OPERATE SCHLOSSER FORGE COMPANY

APPENDIX B: RULE EMISSION LIMITS [RULE 1151 12-11-1998]

(B) Group II Vehicles

The operator who applies coatings to Group II vehicles, or their parts or components, shall not apply a coating which has a VOC content in excess of the limits in Table 2.

TABLE 2

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

COATING	On and After <u>December 12, 1998</u>		On and After <u>July 1, 1999</u>		On and After <u>October 1, 1999</u>	
	<u>g/L</u>	<u>lb/gal</u>	<u>g/L</u>	<u>lb/gal</u>	<u>g/L</u>	<u>lb/gal</u>
Pretreatment	780	6.5	780	6.5	780	6.5
Primer/Primer Surfacer	250	2.1	250	2.1	250	2.1
Primer Sealer	340	2.8	340	2.8	340	2.8
Topcoats						
General	420	3.5	420	3.5	420	3.5
Metallic/Iridescent	420	3.5	420	3.5	420	3.5
Multi-Colored	685	5.7	685	5.7	685	5.7
Multistage System						
≥ 2 gal/day ¹	540	4.5	420 ¹	3.5	420	3.5
< 2 gal/day ²	540	4.5	540 ²	4.5	420	3.5
Multi-Colored Multistage	420	3.5	420	3.5	420	3.5
Specialty Coating	840	7.0	840	7.0	840	7.0

¹ On and after July 1, 1999, any person who uses two gallons or more of combined basecoat and clearcoat, as applied, on any given day shall comply with the 420 g/L (3.5 lb/gal) limit.

² Any person who uses less than two gallons of combined basecoat and clearcoat, as applied, on each day up to September 30, 1999 shall comply with the 3.5 lb/gal limit on and after October 1, 1999.

FACILITY PERMIT TO OPERATE SCHLOSSER FORGE COMPANY

APPENDIX B: RULE EMISSION LIMITS [RULE 1151 12-11-1998]

(2) Exempt Compounds

The operator shall not apply a coating which contains any Group II exempt compounds as defined in Rule 102 except for methylene chloride; carbon tetrachloride; perchloroethylene; or cyclic, branched, or linear, completely methylated siloxanes (VMS).

(3) Carcinogenic Materials

The operator shall not apply the coatings in which cadmium or hexavalent chromium was introduced as a pigment or as an agent to impart any property or characteristic to the coatings during manufacturing, distribution, or use of the applicable coatings.

FACILITY PERMIT TO OPERATE SCHLOSSER FORGE COMPANY

APPENDIX B: RULE EMISSION LIMITS [RULE 1151 12-02-2005]

The following limits of this rule shall sunset on June 30, 2008, and the limits specified in Appendix A shall become effective on July 1, 2008.

Except as otherwise provided in Rule 1151

(1) **VOC Content of Coatings**

A person shall not apply a coating to Group I vehicles and equipment, and Group II vehicles, or their parts and components, which has a VOC content which exceeds the limits contained in subparagraphs (1)(A) and (1)(B). Compliance with the VOC limits shall be based on VOC content, including any VOC material added to the original coating supplied by the manufacturer, less water and exempt compounds, as applied to the vehicle, mobile equipment, or parts and components.

(A) **Group I Vehicles and Equipment**

A person who applies coatings to Group I vehicles and equipment, or their parts or components, shall not apply a coating which has a VOC content in excess of the limits in Table 1.

FACILITY PERMIT TO OPERATE SCHLOSSER FORGE COMPANY

APPENDIX B: RULE EMISSION LIMITS [RULE 1151 12-02-2005]

TABLE 1

<u>COATING</u>	VOC LIMITS			of Coating,
	Grams Per Liter			
	<u>Less Water and Exempt Compounds</u>			
	On	and	After	
	<u>December 12, 1998</u>			
	<u>g/L</u>	<u>lb/gal</u>		
Pretreatment	780	6.5		
Primer/Primer Primer Sealer	250	2.1	Surfacer/	
Topcoats				
General	340	2.8		
Metallic/Iridescent	340*	2.8*		
Multi-Colored	685	5.7		
Multistage	340*	2.8*		
Specialty Coating	840	7.0		

*The VOC limits for Metallic/Iridescent and Multistage topcoats for spot repairs on Group I vehicles and mobile equipment will be 3.5 lb/gal (less water and exempt compounds).

(B) Group II Vehicles

A person who applies coatings to Group II vehicles, or their parts or components, shall not apply a coating which has a VOC content in excess of the limits in Table 2.

FACILITY PERMIT TO OPERATE SCHLOSSER FORGE COMPANY

APPENDIX B: RULE EMISSION LIMITS [RULE 1151 12-02-2005]

TABLE 2

COATING	VOC Limits Grams Per Liter of Coating, Less Water and Exempt Compounds					
	On and After <u>December 12, 1998</u>		On and After <u>July 1, 1999</u>		On and After <u>October 1, 1999</u>	
	<u>g/L</u>	<u>lb/gal</u>	<u>g/L</u>	<u>lb/gal</u>	<u>g/L</u>	<u>lb/gal</u>
Pretreatment	780	6.5	780	6.5	780	6.5
Primer/Primer Surfacer	250	2.1	250	2.1	250	2.1
Primer Sealer	340	2.8	340	2.8	340	2.8
Topcoats						
General	420	3.5	420	3.5	420	3.5
Metallic/Iridescent	420	3.5	420	3.5	420	3.5
Multi-Colored	685	5.7	685	5.7	685	5.7
Multistage System						
≥ 2 gal/day ¹	540	4.5	420 ¹	3.5	420	3.5
< 2 gal/day ²	540	4.5	540 ²	4.5	420	3.5
Multi-Colored Multistage	420	3.5	420	3.5	420	3.5
Specialty Coating	840	7.0	840	7.0	840	7.0

- ¹ On and after July 1, 1999, any person who uses two gallons or more of combined basecoat and clearcoat, as applied, on any given day shall comply with the 420 g/L (3.5 lb/gal) limit.
- ² Any person who uses less than two gallons of combined basecoat and clearcoat, as applied, on each day up to September 30, 1999 shall comply with the 3.5 lb/gal limit on and after October 1, 1999.

FACILITY PERMIT TO OPERATE SCHLOSSER FORGE COMPANY

APPENDIX B: RULE EMISSION LIMITS [RULE 1151 12-02-2005]

(2) Exempt Compounds

A person shall not apply a coating which contains any Group II exempt compounds as defined in Rule 102 except for methylene chloride; carbon tetrachloride; perchloroethylene; or cyclic, branched, or linear, completely methylated siloxanes (VMS).

(3) Carcinogenic Materials

A person shall not apply the coatings in which cadmium or hexavalent chromium was introduced as a pigment or as an agent to impart any property or characteristic to the coatings during manufacturing, distribution, or use of the applicable coatings.

Appendix A

Effective July 1, 2008, the emission limits specified in this appendix shall become effective and replace the limits specified above

Except as otherwise provided in Rule 1151

- (1) A person shall not apply any coating to a vehicle, mobile equipment, or associated parts or components, that have a VOC content in excess of the limits contained in Table A of this paragraph. Compliance with the VOC limits shall be based on VOC content, including any VOC material added to the original coating supplied by the manufacturer, less water and exempt compounds, as applied to the vehicle, mobile equipment or parts and components.

FACILITY PERMIT TO OPERATE SCHLOSSER FORGE COMPANY

APPENDIX B: RULE EMISSION LIMITS [RULE 1151 12-02-2005]

Table A – Coating Categories and VOC limits

Coating Categories	VOC Limits Less Water and Less Exempt Compounds Effective Dates					
	July 1, 2008		January 1, 2009		January 1, 2010	
	g/L	lb/gal	g/L	lb/gal	g/L	lb/gal
Adhesion Promoter					540	4.5
Clear Coating	250	2.1				
Color Coating	420	3.5				
Multi-Color Coating			680	5.7		
Pretreatment Coating			660	5.5		
Primer					250	2.1
Single-Stage Coating					340	2.8
Temporary Protective Coating			60	0.5		
Truck Bed Liner Coating			310	2.6		
Underbody Coating			430	3.6		
Uniform Finishing Coating			540	4.5		
Any other coating type			250	2.1		

FACILITY PERMIT TO OPERATE SCHLOSSER FORGE COMPANY

APPENDIX B: RULE EMISSION LIMITS [RULE 1151 12-02-2005]

- (1) **Most Restrictive VOC Limit**
If any representation on information on the container of any automotive coating, or any label or sticker affixed to the container, or in any sales, advertising, or technical literature supplied by a person that indicates that the coating meets the definition of or is recommended for use for more than one of the coating categories listed in paragraph (1), then the lowest VOC content limit shall apply.
- (2) **VOC Limits Compliance Dates**
The VOC limits in effect as of December 2, 2005 shall be applicable until superseded by the VOC limits and effective dates in Table A of paragraph (1).
- (3) **Exempt Compounds**
A person shall not manufacture, sell, offer for sale, distribute for use in the District, or apply any coating which contains any Group II Exempt Compounds as defined in Rule 102.
- (4) **Carcinogenic Materials**
A person shall not manufacture the coatings in which cadmium or hexavalent chromium was introduced as a pigment or as an agent to impart any property or characteristic to the coatings during manufacturing, distribution, or use of the applicable coatings.

FACILITY PERMIT TO OPERATE SCHLOSSER FORGE COMPANY

APPENDIX B: RULE EMISSION LIMITS [RULE 1171 10-08-1999]

Except as otherwise provided in Rule 1171, the operator shall not use a solvent to perform solvent cleaning unless the solvent complies with the applicable requirements set forth below:

SOLVENT CLEANING ACTIVITY	Current limits		Effective 12/1/2001	Effective 7/1/2005
	VOC g/l (lb/gal)	VOC Composite Partial Pressure mm Hg @ 20°C (68°F)	VOC g/l (lb/gal)	VOC g/l (lb/gal)
(A) Product Cleaning During Manufacturing Process Or Surface Preparation For Coating, Adhesive, Or Ink Application				
(i) General	70 (0.58)		50 (0.42)	25 (0.21)
(ii) Electrical Apparatus Components & Electronic Components	900 (7.5)	33	500 (4.2)	100 (0.83)
(iii) Medical Devices & Pharmaceuticals	900 (7.5)	33	800 (6.7)	800 (6.7)
(B) Repair and Maintenance Cleaning				
(i) General	50 (0.42)		50 (0.42)	25 (0.21)

FACILITY PERMIT TO OPERATE SCHLOSSER FORGE COMPANY

APPENDIX B: RULE EMISSION LIMITS [RULE 1171 10-08-1999]

SOLVENT CLEANING ACTIVITY	Current limits		Effective 12/1/2001	Effective 7/1/2005
	VOC g/l (lb/gal)	VOC Composite Partial Pressure mm Hg @ 20°C (68°F)	VOC g/l (lb/gal)	VOC g/l (lb/gal)
(ii) Electrical Apparatus Components & Electronic Components	900 (7.5)	20	900 (7.5)	100 (0.83)
(iii) Medical Devices & Pharmaceuticals	900 (7.5)	33		
(I) Tools, Equipment, & Machinery			800 (6.7)	800 (6.7)
(II) General Work Surfaces			600 (5.0)	600 (5.0)
(C) Cleaning of Coatings, or Adhesives Application Equipment	950 (7.9)	35	550 (4.6)	25 (0.21)
(D) Cleaning of Ink Application Equipment				
(i) General	100 (0.83)	3	50 (0.42)	25 (0.21)
(ii) Flexographic Printing	100 (0.83)	3	50 (0.42)	25 (0.21)
(iii) Gravure Printing				
(I) Publication	900 (7.5)	25	750 (6.3)	100 (0.83)
(II) Packaging	100 (0.83)	3	50 (0.42)	25 (0.21)

FACILITY PERMIT TO OPERATE SCHLOSSER FORGE COMPANY

APPENDIX B: RULE EMISSION LIMITS [RULE 1171 10-08-1999]

SOLVENT CLEANING ACTIVITY	Current limits		Effective 12/1/2001	Effective 7/1/2005
	VOC g/l (lb/gal)	VOC Composite Partial Pressure mm Hg @ 20°C (68°F)	VOC g/l (lb/gal)	VOC g/l (lb/gal)
(iv) Lithographic or Letter Press Printing				
(I) Roller Wash – Step 1	900	10	600 (5.0)	100 (0.83)
(II) Roller Wash- Step 2, Blanket Wash, & On- Press Components	900	10	800 (6.7)	100 (0.83)
(III) Removable Press Components			50 (0.42)	25 (0.21)
(v) Screen Printing	1070 (8.9)	5	750 (6.3)	100 (0.83)
(vi) Ultraviolet Ink Application Equipment (except screen printing)	800 (6.7)	33	800 (6.7)	100 (0.83)
(vii) Specialty Flexographic Printing	810 (6.8)	21	600 (5.0)	100 (0.83)
(E) Cleaning of Polyester Resin Application Equipment	50 (0.42)		50 (0.42)	25 (0.21)

FACILITY PERMIT TO OPERATE SCHLOSSER FORGE COMPANY

APPENDIX B: RULE EMISSION LIMITS [RULE 1171 11-07-2003]

(1) Solvent Requirements

A person shall not use a solvent to perform solvent cleaning operations unless the solvent complies with the applicable requirements set forth below:

SOLVENT CLEANING ACTIVITY	CURRENT LIMITS
	VOC g/l (lb/gal)
(A) Product Cleaning During Manufacturing Process Or Surface Preparation For Coating, Adhesive, Or Ink Application	
(i) General	25 (0.21)
(ii) Electrical Apparatus Components & Electronic Components	500 (4.2)
(iii) Medical Devices & Pharmaceuticals	800 (6.7)
(B) Repair and Maintenance Cleaning	
(i) General	25 (0.21)
(ii) Electrical Apparatus Components & Electronic Components	900 (7.5)

FACILITY PERMIT TO OPERATE SCHLOSSER FORGE COMPANY

APPENDIX B: RULE EMISSION LIMITS [RULE 1171 11-07-2003]

SOLVENT CLEANING ACTIVITY	CURRENT LIMITS
	VOC g/l (lb/gal)
(iii) Medical Devices & Pharmaceuticals	
(A) Tools, Equipment, & Machinery	800 (6.7)
(B) General Work Surfaces	600 (5.0)
(C) Cleaning of Coatings or Adhesives Application Equipment	550 (4.6)
(D) Cleaning of Ink Application Equipment	
(i) General	25 (0.21)
(ii) Flexographic Printing	25 (0.21)
(iii) Gravure Printing	
(A) Publication	750 (6.3)
(B) Packaging	25 (0.21)
(iv) Lithographic or Letter Press Printing	

**FACILITY PERMIT TO OPERATE
 SCHLOSSER FORGE COMPANY**

**APPENDIX B: RULE EMISSION LIMITS
 [RULE 1171 11-07-2003]**

SOLVENT CLEANING ACTIVITY	CURRENT LIMITS
	VOC g/l (lb/gal)
(A) Roller Wash – Step 1	600 (5.0)
(B) Roller Wash-Step 2, Blanket Wash, & On-Press Components	800 (6.7)
(C) Removable Press Components	25 (0.21)
(v) Screen Printing	750 (6.3)
(vi) Ultraviolet Ink/ Electron Beam Ink Application Equipment (except screen printing)	800 (6.7)
(vii) Specialty Flexographic Printing	600 (5.0)
(E) Cleaning of Polyester Resin Application Equipment	25 (0.21)

FACILITY PERMIT TO OPERATE SCHLOSSER FORGE COMPANY

APPENDIX B: RULE EMISSION LIMITS [RULE 1171 05-01-2009]

(1) Solvent Requirements

A person shall not use a solvent to perform solvent cleaning operations unless the solvent complies with the applicable requirements set forth below:

	CURRENT LIMITS*	EFFECTIVE 1/1/2010
SOLVENT CLEANING ACTIVITY	VOC g/l (lb/gal)	VOC g/l (lb/gal)
(A) Product Cleaning During Manufacturing Process Or Surface Preparation For Coating, Adhesive, Or Ink Application		
(i) General	25 (0.21)	
(ii) Electrical Apparatus Components & Electronic Components	100 (0.83)	
(iii) Medical Devices & Pharmaceuticals	800 (6.7)	
(B) Repair and Maintenance Cleaning		
(i) General	25 (0.21)	
(ii) Electrical Apparatus Components & Electronic Components	100 (0.83)	

FACILITY PERMIT TO OPERATE SCHLOSSER FORGE COMPANY

APPENDIX B: RULE EMISSION LIMITS [RULE 1171 05-01-2009]

	CURRENT LIMITS*	EFFECTIVE 1/1/2010
SOLVENT CLEANING ACTIVITY (cont.)	VOC g/l (lb/gal)	VOC g/l (lb/gal)
(iii) Medical Devices & Pharmaceuticals		
(A) Tools, Equipment, & Machinery	800 (6.7)	
(B) General Work Surfaces	600 (5.0)	
(C) Cleaning of Coatings or Adhesives Application Equipment	25 (0.21)	
(D) Cleaning of Ink Application Equipment		
(i) General	25 (0.21)	
(ii) Flexographic Printing	25 (0.21)	
(iii) Gravure Printing		
(A) Publication	100 (0.83)	
(B) Packaging	25 (0.21)	
(iv) Lithographic (Offset) or Letter Press Printing		
(A) Roller Wash, Blanket Wash, & On-Press Components	100 (0.83)	

FACILITY PERMIT TO OPERATE SCHLOSSER FORGE COMPANY

APPENDIX B: RULE EMISSION LIMITS [RULE 1171 05-01-2009]

	CURRENT LIMITS*	EFFECTIVE 1/1/2010
SOLVENT CLEANING ACTIVITY (cont.)	VOC g/l (lb/gal)	VOC g/l (lb/gal)
(B) Removable Press Components	25 (0.21)	
(v) Screen Printing	100 (0.83)	
(vi) Ultraviolet Ink/ Electron Beam Ink Application Equipment (except screen printing)	650 (5.4)	100 (0.83)
(vii) Specialty Flexographic Printing	100 (0.83)	
(E) Cleaning of Polyester Resin Application Equipment	25 (0.21)	

* The specified limits remain in effect unless revised limits are listed in subsequent columns.

FACILITY PERMIT TO OPERATE SCHLOSSER FORGE COMPANY

APPENDIX B: RULE EMISSION LIMITS [RULE 1171 06-13-1997]

Except as otherwise provided in Rule 1171, the operator shall not use a solvent to perform solvent cleaning unless the solvent complies with the applicable requirements set forth below:

SOLVENT CLEANING ACTIVITY	CURRENT LIMITS		Effective 1/1/1999	
	VOC g/l (lb/gal)	VOC Composite Partial Pressure mm Hg @ 20°C (68°F)	VOC g/l (lb/gal)	VOC Composite Partial Pressure mm Hg @ 20°C (68°F)
(A) Product Cleaning During Manufacturing Process Or Surface Preparation For Coating, Adhesive, Or Ink Application				
(i) General	70 (0.58)			
(ii) Electronic Components or Medical Devices	900 (7.5)	33		
(B) Repair and Maintenance Cleaning				
(i) General	900 (7.5)	20	50 (0.42)	
(ii) Electrical Apparatus Components	900 (7.5)	20		
(iii) Medical Devices	900 (7.5)	33		

FACILITY PERMIT TO OPERATE SCHLOSSER FORGE COMPANY

APPENDIX B: RULE EMISSION LIMITS [RULE 1171 06-13-1997]

SOLVENT CLEANING ACTIVITY	CURRENT LIMITS		Effective 1/1/1999	
	VOC g/l (lb/gal)	VOC Composite Partial Pressure mm Hg @ 20°C (68°F)	VOC g/l (lb/gal)	VOC Composite Partial Pressure mm Hg @ 20°C (68°F)
(C) Cleaning of Coatings, or Adhesives Application Equipment	950 (7.9)	35		
(D) Cleaning of Ink Application Equipment				
(i) General	100 (0.83)	3		
(ii) Flexographic or Gravure Printing	100 (0.83)	3		
(iii) Lithographic or Letter Press Printing	900 (7.5)	25		10
(iv) Screen Printing	1070 (8.9)	5		
(v) Ultraviolet Inks (except screen printing)	800 (6.7)	33		
(vi) Specialty Flexographic Printing	810 (6.8)	21		
(E) Cleaning of Polyester Resin Application Equipment	50 (0.42)			
or		1		

FACILITY PERMIT TO OPERATE SCHLOSSER FORGE COMPANY

APPENDIX B: RULE EMISSION LIMITS [RULE 404 02-07-1986]

The operator shall not discharge into the atmosphere from this equipment, particulate matter in excess of the concentration at standard conditions, shown in Table 404(a).

Where the volume discharged is between figures listed in the Table, the exact concentration permitted to be discharged shall be determined by linear interpolation.

For the purposes of this rule, emissions shall be averaged over one complete cycle of operation or one hour, whichever is the lesser time period.

TABLE 404(a)

Volume Discharged Calculated as Dry Gas At Standard Conditions		Maximum Concentration of Particulate Matter Allowed in Discharged Gas Calculated as Dry Gas at Standard Conditions		Volume Discharged Calculated as Dry Gas At Standard Conditions		Maximum Concentration of Particulate Matter Allowed in Discharged Gas Calculated as Dry Gas at Standard Conditions	
		Milligrams per Cubic Meter	Grains per Cubic Foot			Milligrams per Cubic Meter	Grains per Cubic Foot
25 or less	883 or less	450	0.196	900	31780	118	0.0515
30	1059	420	.183	1000	35310	113	.0493
35	1236	397	.173	1100	38850	109	.0476
40	1413	377	.165	1200	42380	106	.0463
45	1589	361	.158	1300	45910	102	.0445

FACILITY PERMIT TO OPERATE SCHLOSSER FORGE COMPANY

APPENDIX B: RULE EMISSION LIMITS [RULE 404 02-07-1986]

Volume Discharged Calculated as Dry Gas At Standard Conditions		Maximum Concentration of Particulate Matter Allowed in Discharged Gas Calculated as Dry Gas at Standard Conditions		Volume Discharged Calculated as Dry Gas At Standard Conditions		Maximum Concentration of Particulate Matter Allowed in Discharged Gas Calculated as Dry Gas at Standard Conditions	
Cubic meters Per Minute	Cubic feet Per Minute	Milligrams per Cubic Meter	Grains per Cubic Foot	Cubic meters Per Minute	Cubic feet Per Minute	Milligrams per Cubic Meter	Grains per Cubic Foot
50	1766	347	.152	1400	49440	100	.0437
60	2119	324	.141	1500	52970	97	.0424
70	2472	306	.134	1750	61800	92	.0402
80	2825	291	.127	2000	70630	87	.0380
90	3178	279	.122	2250	79460	83	.0362
100	3531	267	.117	2500	88290	80	.0349
125	4414	246	.107	3000	105900	75	.0327
150	5297	230	.100	4000	141300	67	.0293
175	6180	217	.0947	5000	176600	62	.0271
200	7063	206	.0900	6000	211900	58	.0253
250	8829	190	.0830	8000	282500	52	.0227
300	10590	177	.0773	10000	353100	48	.0210
350	12360	167	.0730	15000	529700	41	.0179
400	14130	159	.0694	20000	706300	37	.0162
450	15890	152	.0664	25000	882900	34	.0148

FACILITY PERMIT TO OPERATE SCHLOSSER FORGE COMPANY

APPENDIX B: RULE EMISSION LIMITS [RULE 404 02-07-1986]

Volume Discharged Calculated as Dry Gas At Standard Conditions		Maximum Concentration of Particulate Matter Allowed in Discharged Gas Calculated as Dry Gas at Standard Conditions		Volume Discharged Calculated as Dry Gas At Standard Conditions		Maximum Concentration of Particulate Matter Allowed in Discharged Gas Calculated as Dry Gas at Standard Conditions	
		Milligrams per Cubic Meter	Grains per Cubic Foot			Milligrams per Cubic Meter	Grains per Cubic Foot
Cubic meters Per Minute	Cubic feet Per Minute			Cubic meters Per Minute	Cubic feet Per Minute		
500	17660	146	.0637	30000	1059000	32	.0140
600	21190	137	.0598	40000	1413000	28	.0122
700	24720	129	.0563	50000	1766000	26	.0114
800	28250	123	.0537	70000 or more	2472000 or more	23	.0100

FACILITY PERMIT TO OPERATE SCHLOSSER FORGE COMPANY

APPENDIX B: RULE EMISSION LIMITS [RULE 405 02-07-1986]

The operator shall not discharge into the atmosphere from this equipment, solid particulate matter including lead and lead compounds in excess of the rate shown in Table 405(a).

Where the process weight per hour is between figures listed in the table, the exact weight of permitted discharge shall be determined by linear interpolation.

For the purposes of this rule, emissions shall be averaged over one complete cycle of operation or one hour, whichever is the lesser time period.

TABLE 405(a)

Process Weight Per Hour		Maximum Discharge Rate Allowed for Solid Particulate Matter (Aggregate Discharged From All Points of Process		Process Weight Per Hour		Maximum Discharge Rate Allowed for Solid Particulate Matter (Aggregate Discharged From All points of Process	
		Kilograms Per Hour	Pounds Per Hour			Kilograms Per Hour	Pounds Per Hour
100 or less	220 or less	0.450	0.99	9000	19840	5.308	11.7
150	331	0.585	1.29	10000	22050	5.440	12.0
200	441	0.703	1.55	12500	27560	5.732	12.6
250	551	0.804	1.77	15000	33070	5.982	13.2
300	661	0.897	1.98	17500	38580	6.202	13.7
350	772	0.983	2.17	20000	44090	6.399	14.1
400	882	1.063	2.34	25000	55120	6.743	14.9
450	992	1.138	2.51	30000	66140	7.037	15.5
500	1102	1.209	2.67	35000	77160	7.296	16.1
600	1323	1.340	2.95	40000	88180	7.527	16.6

FACILITY PERMIT TO OPERATE SCHLOSSER FORGE COMPANY

APPENDIX B: RULE EMISSION LIMITS [RULE 405 02-07-1986]

Process Weight Per Hour		Maximum Discharge Rate Allowed for Solid Particulate Matter (Aggregate Discharged From All Points of Process		Process Weight Per Hour		Maximum Discharge Rate Allowed for Solid Particulate Matter (Aggregate Discharged From All points of Process	
Kilograms Per Hour	Pounds Per Hour	Kilograms Per Hour	Pounds Per Hour	Kilograms Per Hour	Pounds Per Hour	Kilograms Per Hour	Pounds Per Hour
700	1543	1.461	3.22	45000	99210	7.738	17.1
800	1764	1.573	3.47	50000	110200	7.931	17.5
900	1984	1.678	3.70	60000	132300	8.277	18.2
1000	2205	1.777	3.92	70000	154300	8.582	18.9
1250	2756	2.003	4.42	80000	176400	8.854	19.5
1500	3307	2.206	4.86	90000	198400	9.102	20.1
1750	3858	2.392	5.27	100000	220500	9.329	20.6
2000	4409	2.563	5.65	125000	275600	9.830	21.7
2250	4960	2.723	6.00	150000	330700	10.26	22.6
2500	5512	2.874	6.34	175000	385800	10.64	23.5
2750	6063	3.016	6.65	200000	440900	10.97	24.2
3000	6614	3.151	6.95	225000	496000	11.28	24.9
3250	7165	3.280	7.23	250000	551200	11.56	25.5
3600	7716	3.404	7.50	275000	606300	11.82	26.1
4000	8818	3.637	8.02	300000	661400	12.07	26.6
4500	9921	3.855	8.50	325000	716500	12.30	27.1
5000	11020	4.059	8.95	350000	771600	12.51	27.6
6000	13230	4.434	9.78	400000	881800	12.91	28.5
7000	15430	4.775	10.5	450000	992100	13.27	29.3
8000	17640	5.089	11.2	500000 or more	1102000 or more	13.60	30.0

SOUTH COAST AIR QUALITY MANAGEMENT DISTRICT

Title V Permit Summary

Table 1

TOXIC AIR CONTAMINANT EMISSIONS (TAC)

Schlosser Force Company ID 15504

2009 Reporting Year

TAC Names	Emissions, lbs/yr
Butadiene [1,3]	0.293
Ammonia	1088.968
Arsenic and Compounds (inorganic)	< 0.001
Benzene	3.758
Cadmium	< 0.001
Chromium, hexavalent (and compounds)	< 0.001
Formaldehyde	7.113
Lead compounds (inorganic)	0.139
Naphthalene [PAH, POM]	0.144
Nickel	181.874
PAHs, total, w/o individ. components reported [PAH, POM]	0.043

South Coast Air Quality Management District

Statement of Basis

Proposed Renewal Title V Permit

Facility Name:	Schlosser Forge Company
Facility ID:	15504
SIC Code:	3460
Equipment Location:	11711 Arrow Route Rancho Cucamonga, CA 91730
Application #(s):	512581
Application Submittal Date(s):	7/14/10
AQMD Contact Person:	Kien Huynh, Air Quality Engineer II
Phone Number:	(909) 396-2635
E-Mail Address:	khuynh@aqmd.gov

1. Introduction and Scope of Permit

Title V is a national operating permit program for air pollution sources. Facilities subject to Title V must obtain a Title V permit and comply with specific Title V procedures to modify the permit. This permit replaces the facility's other existing permits. Title V does not necessarily include any new requirements for reducing emissions. It does, however, include new permitting, noticing, recordkeeping, and reporting requirements.

Pursuant to Title V of the federal Clean Air Act and AQMD Rule 3004(f), a Title V permit shall expire five years from the date of issuance unless such permit has been renewed. Accordingly, each facility is required to submit a Title V renewal application and request the AQMD to renew their Title V permit. The proposed permit incorporates updates to the facility information provided in the facility's Title V renewal application and all rules and regulations that are currently applicable to the facility.

The AQMD implements Title V through Regulation XXX – Title V Permits, adopted by the AQMD Governing Board in order to comply with EPA's requirement that local air permitting authorities develop a Title V program. Regulation XXX was developed with the participation of the public and affected facilities through a series of public workshops, working group meetings, public hearings and other meetings.

The Title V major source threshold for a particular pollutant depends on the attainment status of the pollutant. NO₂, SO₂, and lead are in attainment with federal standards. The status of CO is currently serious nonattainment, but AQMD has petitioned to EPA for redesignation to

attainment status. The status for PM-10 is serious nonattainment. The status for ozone is currently extreme nonattainment.

A Title V permit is proposed to be issued to cover the operations of Schlosser Forge Company located at 11711 Arrow Route, Rancho Cucamonga. This facility is subject to Title V requirements because it is a major source.

2. Facility Description

This is an existing facility that is in the business of manufacture of seamless rolled rings and other commercial forged products. This facility is operating several forge furnaces, heat treat furnaces, a burn-off furnace, an abrasive room with baghouse, and a waste water treatment system.

3. Construction and Permitting History

The facility has been in constant operation since 11/13/70. Numerous permits to construct and permits to operate have been issued to the facility since 4/24/78. An initial Title V permit was issued to the facility on 6/2/00 and a renewal Title V permit was issued to the facility on 9/16/2005.

4. Regulatory Applicability Determinations

Applicable legal requirements for which this facility is required to comply are required to be identified in the Title V permit (for example, Section D, E, and H of the proposed Title V permit). Applicability determinations (i.e., determinations made by the District with respect to what legal requirements apply to a specific piece of equipment, process, or operation) can be found in the Engineering Evaluations. This facility is not subject to any NSPS or NESHAP requirements.

5. Monitoring and Operational Requirements

Applicable monitoring and operational requirements for which the facility is required to comply are identified in the Title V permit (for example, Sections D, F, and J and Appendix B of the proposed Title V permit). Discussion of any applicable operational requirements can be found in the Engineering Evaluations. All periodic monitoring requirements were developed using strict adherence to the following applicable guidance documents: SCAQMD Periodic Monitoring Guidelines for Title V Facilities (November 1997); CAPCOA/CARB/EPA Region IX Periodic Monitoring Recommendations for Generally Applicable Requirements in SIP (June 1999); and CAPCOA/CARB/EPA Region IX Recommended Periodic Monitoring for Generally Applicable Grain Loading Standards in the SIP: Combustion Sources (July 2001). Compliance Assurance Monitoring (CAM) requirements of 40 CFR Part 64 do not apply to any of the permitted emission sources at this facility.

6. Permit Features

Permit Shield

A permit shield is an optional part of a Title V permit that gives the facility an explicit protection from requirements that do not apply to the facility. A permit shield is a provision in a permit that states that compliance with the conditions of the permit shall be deemed compliance with all identified regulatory requirements. To incorporate a permit shield into the Title V permit involves submission of applications for change of conditions for each equipment affected by the permit shield. Permit shields are addressed in Rule 3004 (c). This facility has not applied for a permit shield.

Streamlining Requirements

Some emission units may be subject to multiple requirements which are closely related or redundant. The conditions may be streamlined to simplify the permit conditions and compliance. Emission limits, work practice standards, and monitoring, recordkeeping, and reporting requirements may be streamlined. Compliance with a streamlined condition will be deemed compliance with the underlying requirements whether or not the emission unit is actually in compliance with the specific underlying requirement. This facility has not applied for any streamlined conditions.

7. Summary of Emissions and Health Risks

Criteria Pollutant Emissions (tons/year) Annual Reported Emissions for Reporting Period 2009

Pollutant	Emissions (tons/year)
CO	6.929
NOx	26.195
VOC	2.035
SOx	0.103
PM	3.013

Toxic Air Contaminants Emissions (TAC) Annual Reported Emissions for Reporting Period 2009

The Following TACs Were Reported	Emissions, lbs/yr
Butadiene [1,3]	0.293
Ammonia	1088.968
Arsenic and Compounds (inorganic)	< 0.001
Benzene	3.758
Cadmium	< 0.001
Chromium, hexavalent (and compounds)	< 0.001
Formaldehyde	7.113
Lead compounds (inorganic)	0.139
Naphthalene [PAH, POM]	0.144
Nickel	181.874
PAHs, total, w/o individ. components reported [PAH, POM]	0.043

Health Risk from Toxic Air Contaminants

The facility is subject to review by the Air Toxics Information and Assessment Act (AB2588). The Final Facility Health Risk was approved in 2003 with the following risk factors:

Cancer Risk	9.50 in one million
Acute Hazard Index	1.59
Chronic Hazard Index	1.11

8. Compliance History

As noted, the facility has been in constant operation since 11/13/70. The facility has been subject to both self-reporting requirements and AQMD inspections. The facility has had 2 Notices to Comply issued in the last two calendar years. The notices were for requiring the use of the fuel correction factors supplied by the Gas Company in the fuel consumption determination, documentation showing how to maintain compliance with the fuel limit of Condition C1.1, and the use of correct formulae and data for emission calculations. Since then correction actions were taken after the notices were received, no compliance schedule was necessary.

9. Compliance Certification

By virtue of the Title V permit application and issuance of this permit, the reporting frequency for compliance certification for the facility shall be annual.



South Coast Air Quality Management District

21865 Copley Drive, Diamond Bar, CA 91765-4178
(909) 396-2000 • www.aqmd.gov

NOTICE OF PROPOSED TITLE V RENEWAL PERMIT

The South Coast Air Quality Management District (AQMD) is proposing to renew the existing Title V permit that was previously issued to the following facility:

SCHLOSSER FORGE COMPANY

11711 Arrow Route
Rancho Cucamonga, CA 91730
Facility ID# 15504

Contact Person:

Aaron Johnson
General Manager
11711 Arrow Route
Rancho Cucamonga, CA 91730

This is an existing facility, applying for a Title V permit renewal that is in the business of manufacture of seamless rolled rings and other commercial forged products. This facility is operating several forge furnaces, heat treat furnaces, a burn-off furnace, an abrasive room with baghouse, and a waste water treatment system.

Pursuant to Title V of the federal Clean Air Act and AQMD Rule 3004(f), a Title V permit shall expire five years from the date of issuance unless such permit has been renewed. Accordingly, the above facility has submitted a Title V renewal application and requested the AQMD to renew their Title V permit. The proposed permit incorporates updates to the facility information provided in the facility's Title V renewal application and all rules and regulations that are currently applicable to the facility.

The proposed permit is available for public review at AQMD, 21865 Copley Dr., Diamond Bar, CA 91765 and at the Rancho Cucamonga Public Library, 7368 Archibald Avenue, Rancho Cucamonga, CA 91730.

Information regarding the facility owner's compliance history submitted to the AQMD pursuant to California Health & Safety Code Section 42336, or otherwise known to the AQMD based on credible information, is also available from the AQMD for public review. For more information or to review additional supporting documents, call the AQMD's Title V hotline at (909) 396-3013. Written comments should be submitted to:

South Coast Air Quality Management District
Chemical/Mechanical Operations Team
21865 Copley Drive
Diamond Bar, CA 91765
Attention: Kien Huynh

Comments must be received by December 27, 2010. The AQMD will consider all public comments and may revise the Title V permit in accordance with AQMD rules and regulations.

The public may request AQMD to conduct a public hearing on the proposed permit by submitting a Hearing Request Form (Form 500-G) to Kien Huynh at the above AQMD address. The AQMD will hold a public hearing if there is evidence that the proposed permit is not correct or is not adequate to ensure compliance with regulatory requirements, and a hearing will likely provide additional information that will affect the drafting and/or issuance of the permit. A public hearing request form and the public hearing schedule may be obtained from the AQMD by calling the Title V hotline at (909) 396-3013, or from the internet at <http://www.aqmd.gov/titlev>. The request for a public hearing is due by December 7, 2010. A copy of the hearing request must also be sent by first class mail to the appropriate facility contact person listed above.