

South Coast Air Quality Management District

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

February 3, 2011

Mr. Rommel Aquino
Manager Maintenance Operations
Carlton Forge Works
7743 E. Adams Street
Paramount, CA 90723

Dear Mr. Aquino:

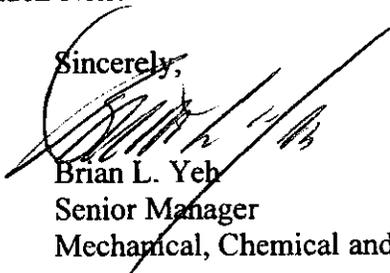
Subject: RECLAIM/Title V Facility Permit, I.D. No. 022911

Please find attached the revised Title Page, Table of Contents, Section D and Section H of your RECLAIM/Title V Facility Permit. The revised sections reflect the approval of the administrative permit revision for issuing a Permit to Operate for the following equipment that was previously issued a Permit to Construct.

Equipment	Appl. No.	Device No.	Process	Permit Type
Forging Furnace	495483	D202	1	PO

Please review the attached sections carefully. Insert the enclosed sections into your RECLAIM Facility Permit and discard the earlier version. Questions concerning changes to your permit should be directed to Ms. Monica Fernandez-Neild at 909.396.2202.

Sincerely,


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

BLY:mfn
Enclosure

cc: Gerardo Rios, EPA Region IX

FACILITY PERMIT TO OPERATE

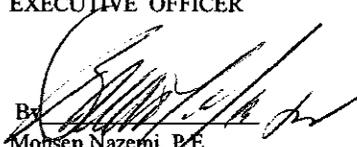
CARLTON FORGE WORKS 7743 E ADAMS ST PARAMOUNT, CA 90723

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 
Mousen Nazemi, P.E.
Deputy Executive Officer
Engineering & Compliance

**FACILITY PERMIT TO OPERATE
CARLTON FORGE WORKS**

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**FACILITY PERMIT TO OPERATE
CARLTON FORGE WORKS**

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					
FURNACE, FORGE, NO. R50, NATURAL GAS, WITH LOW NOX BURNER, FLUE GAS RECIRCULATION, 4 MMBTU/HR WITH A/N: 393669 BURNER, NATURAL GAS, HAUCK, MODEL RSVG-125, WITH LOW NOX BURNER, 4 TOTAL: 1 MMBTU/HR	D3		NOX: PROCESS UNIT**	CO: 2000 PPMV NATURAL GAS (5) [RULE 407, 4-2-1982]; NOX: 60 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, D28.4, D323.1, E71.1, E147.1, E147.2
FURNACE, FORGE, NO. C201, NATURAL GAS, WITH LOW NOX BURNER, 6 MMBTU/HR WITH A/N: 312464 BURNER, SIX, NATURAL GAS, NORTH AMERICAN, MODEL 4442-5, WITH LOW NOX BURNER, 1 MMBTU/HR	D4		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, D323.1, E71.1, E147.1, E147.2

- * (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.

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Process 1: FORGING					
FURNACE, FORGE, NO. C203, NATURAL GAS, WITH LOW NOX BURNER, 6 MMBTU/HR WITH A/N: 312465 BURNER, SIX, NATURAL GAS, NORTH AMERICAN, MODEL 4442-5, WITH LOW NOX BURNER, 1 MMBTU/HR	D6		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, D323.1, E71.1, E147.1, E147.2
FURNACE, FORGE, NO. B2012, NATURAL GAS, 2.4 MMBTU/HR A/N: 197190	D8		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, D323.1, E71.1, E147.1, E147.2
FURNACE, FORGE, NO. B2512, NATURAL GAS, 4.79 MMBTU/HR A/N: 197191	D9		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, D323.1, E71.1, E147.1, E147.2

- * (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.)
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Equipment	ID No.	Connected To	RECLAIM Source Type/ Monitoring Unit	Emissions * And Requirements	Conditions
Process 1: FORGING					
FURNACE, FORGE, NO. B8034, NATURAL GAS, 4.79 MMBTU/HR A/N: 196133	D12		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, D323.1, E71.1, E147.1, E147.2
FURNACE, FORGE, NO. D12012, NATURAL GAS, 4.79 MMBTU/HR A/N: 196137	D16		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, D323.1, E71.1, E147.1, E147.2
FURNACE, FORGE, NO. R2, SAUDER INDUSTRIES, NATURAL GAS, WITH LOW NOX BURNER, 5.2 MMBTU/HR WITH A/N: 361869 BURNER, NATURAL GAS, HAUCK MANUFACTURING, MODEL RSVG-130, WITH LOW NOX BURNER, 4 TOTAL; 1.3 MMBTU/HR	D17		NOX: PROCESS UNIT**	CO: 2000 PPMV NATURAL GAS (5) [RULE 407, 4-2-1982]; NOX: 60 PPMV NATURAL GAS (4) [RULE 2005, 5-6-2005]; 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, C1.2, D323.1, E71.1, E147.1, E147.2

- * (1) (1A) (1B) Denotes RECLAIM emission factor
(2) (2A) (2B) Denotes RECLAIM emission rate
(3) Denotes RECLAIM concentration limit
(4) Denotes BACT emission limit
(5) (5A) (5B) Denotes command and control emission limit
(6) Denotes air toxic control rule limit
(7) Denotes NSR applicability limit
(8) (8A) (8B) Denotes 40 CFR limit (e.g. NSPS, NESHAPS, etc.)
(9) See App B for Emission Limits
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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 E - FORGING					
FURNACE, FORGE, NO. R1, SAUDER INDUSTRIES, NATURAL GAS, WITH LOW NOX BURNER, 5.2 MMBTU/HR WITH A/N: 361870 BURNER, NATURAL GAS, HAUCK MANUFACTURING, MODEL RSVG-130, WITH LOW NOX BURNER, 4 TOTAL; 1.3 MMBTU/HR	D18		NOX: PROCESS UNIT**	CO: 2000 PPMV NATURAL GAS (5) [RULE 407, 4-2-1982]; NOX: 60 PPMV NATURAL GAS (4) [RULE 2005, 5-6-2005]; 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, C1.2, D323.1, E71.1, E147.1, E147.2
FURNACE, FORGE, NO. R502, SAUDER INDUSTRIES, NATURAL GAS, WITH LOW NOX BURNER, 4 MMBTU/HR WITH A/N: 485177 BURNER, NATURAL GAS, HAUCK, MODEL RSVG-125, WITH LOW NOX BURNER, 4 TOTAL; 1 MMBTU/HR	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, C1.1, D323.1, E71.1, E147.1, E147.2

- * (1) (1A) (1B) Denotes RECLAIM emission factor
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- (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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Equipment	ID No.	Connected To	RECLAIM Source Type/ Monitoring Unit	Emissions * And Requirements	Conditions
Process 1 - FORGING					
FURNACE, FORGE, NO. R503, SAUDER INDUSTRIES, NATURAL GAS, WITH LOW NOX BURNER, 4 MMBTU/HR WITH A/N: 485176 BURNER, NATURAL GAS, HAUCK, MODEL RSVG-125, WITH LOW NOX BURNER, 4 TOTAL; 1 MMBTU/HR	D20		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, D12.1, D323.1, E71.1, E147.1, E147.2
FURNACE, HEAT TREATING, NO. C305, NATURAL GAS, 3 MMBTU/HR A/N: 195075	D21		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, D323.1
FURNACE, FORGE, NO. 306, NATURAL GAS, 7.6 MMBTU/HR A/N: 307983	D27		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]	A63.1, B59.1, D12.1, D323.1, E71.1, E147.1, E147.2

- * (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.)
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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					
FURNACE, FORGE, NO. 307, NATURAL GAS, 7.6 MMBTU/HR A/N: 307985	D28		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]	A63.1, B59.1, D12.1, D323.1, E71.1, E147.1, E147.2
FURNACE, FORGE, NO. 401, NATURAL GAS, 7.6 MMBTU/HR A/N: 307984	D29		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 407, 4-2-1982]	A63.1, B59.1, D12.1, D323.1, E71.1, E147.1, E147.2
FURNACE, FORGE, NO. 403, NATURAL GAS, WITH LOW NOX BURNER, 6 MMBTU/HR WITH A/N: 383749	D39		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 407, 4-2-1982]	B59.1, C1.4, C6.1, D28.4, D323.1, E71.1, E147.1, E147.2
BURNER, NATURAL GAS, HAUCK, MODEL SVG-125B-001, WITH LOW NOX BURNER, 6 TOTAL; 1 MMBTU/HR					

* (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
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Process 1: FORGING					
FURNACE, FORGE, NO. 402, NATURAL GAS, WITH LOW NOX BURNER, 6 MMBTU/HR WITH A/N: 383748 BURNER, NATURAL GAS, HAUCK, MODEL SVG-125B-001, WITH LOW NOX BURNER, 6 TOTAL; 1 MMBTU/HR	D40		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, C1.4, C6.1, D28.4, D323.1, E71.1, E147.1, E147.2
FURNACE, FORGE, AL4, NATURAL GAS, WITH LOW NOX BURNER, 5.6 MMBTU/HR WITH A/N: 319863 BURNER, NATURAL GAS, MAXON, MODEL 456M, WITH LOW NOX BURNER, 5.6 MMBTU/HR	D53			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]	A63.4, B59.1, D12.1, D323.1, E71.1, E147.1, E147.2

- * (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
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Equipment	ID No.	Connected To	RECLAIM Source Type/ Monitoring Unit	Emissions * And Requirements	Conditions
Process 1 FORGING					
FURNACE, FORGE, NO. 404, NATURAL GAS, WITH LOW NOX BURNER, 6 MMBTU/HR WITH A/N: 383750 BURNER, NATURAL GAS, HAUCK, MODEL SVG-125B-001, WITH LOW NOX BURNER, 6 TOTAL; 1 MMBTU/HR	D55		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, C1.4, C6.1, D28.4, D323.1, E71.1, E147.1, E147.2
FURNACE, FORGE, NO. 405, NATURAL GAS, WITH LOW NOX BURNER, 6 MMBTU/HR WITH A/N: 383751 BURNER, NATURAL GAS, HAUCK, MODEL SVG-125B-001, WITH LOW NOX BURNER, 6 TOTAL; 1 MMBTU/HR	D62		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, C1.4, C6.1, D28.4, D323.1, E71.1, E147.1, E147.2

* (1) (1A) (1B) Denotes RECLAIM emission factor (2) (2A) (2B) Denotes RECLAIM emission rate
(3) Denotes RECLAIM concentration limit (4) Denotes BACT emission limit
(5) (5A) (5B) Denotes command and control emission limit (6) Denotes air toxic control rule limit
(7) Denotes NSR applicability limit (8) (8A) (8B) Denotes 40 CFR limit (e.g. NSPS, NESHAPS, etc.)
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Equipment	ID No.	Connected To	RECLAIM Source Type/ Monitoring Unit	Emissions * And Requirements	Conditions
Process 1 - FORGING					
FURNACE, FORGE, NO. 406, NATURAL GAS, WITH LOW NOX BURNER, 6 MMBTU/HR WITH A/N: 383752 BURNER, NATURAL GAS, HAUCK, MODEL SVG-125B-001, WITH LOW NOX BURNER, 6 TOTAL; 1 MMBTU/HR	D63		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, C1.4, C6.1, D28.4, D323.1, E71.1, E147.1, E147.2
FURNACE, FORGE, NO. 408, NATURAL GAS, WITH LOW NOX BURNER, 6 MMBTU/HR WITH A/N: 383754 BURNER, NATURAL GAS, HAUCK, MODEL SVG-125B-001, WITH LOW NOX BURNER, 6 TOTAL; 1 MMBTU/HR	D64		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, C1.4, C6.1, D28.4, D323.1, E71.1, E147.1, E147.2

- * (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
CARLTON FORGE WORKS

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					
FURNACE, FORGE, NO. 409, NATURAL GAS, WITH LOW NOX BURNER, 6 MMBTU/HR WITH A/N: 383755 BURNER, NATURAL GAS, HAUCK, MODEL SVG-125B-001, WITH LOW NOX BURNER, 6 TOTAL; 1 MMBTU/HR	D65		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, C1.4, C6.1, D28.4, D323.1, E71.1, E147.1, E147.2
FURNACE, FORGE, NO. 407, NATURAL GAS, WITH LOW NOX BURNER, 6 MMBTU/HR WITH A/N: 383753 BURNER, NATURAL GAS, HAUCK, MODEL SVG-125B-001, WITH LOW NOX BURNER, 6 TOTAL; 1 MMBTU/HR	D66		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, C1.4, C6.1, D28.4, D323.1, E71.1, E147.1, E147.2

- * (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
CARLTON FORGE WORKS**

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					
FURNACE, FORGE, 410, NATURAL GAS, WITH LOW NOX BURNER, 6 MMBTU/HR WITH A/N: 383756 BURNER, NATURAL GAS, HAUCK, MODEL SVG-125B-001, WITH LOW NOX BURNER, 6 TOTAL; 1 MMBTU/HR	D97		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, C1.4, C6.1, D28.4, D323.1, E71.1, E147.1, E147.2
FURNACE, FORGE, 411, NATURAL GAS, WITH LOW NOX BURNER, 6 MMBTU/HR WITH A/N: 383757 BURNER, NATURAL GAS, HAUCK, MODEL SVG-125B-001, WITH LOW NOX BURNER, 6 TOTAL; 1 MMBTU/HR	D99		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, C1.4, C6.1, D28.4, D323.1, E71.1, E147.1, E147.2

- * (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
CARLTON FORGE WORKS

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					
FURNACE, FORGE, 412, NATURAL GAS, WITH LOW NOX BURNER, 6 MMBTU/HR WITH A/N: 383759 BURNER, NATURAL GAS, HAUCK, MODEL SVG-125B-001, WITH LOW NOX BURNER, 6 TOTAL; 1 MMBTU/HR	D100		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, C1.4, C6.1, D28.4, D323.1, E71.1, E147.1, E147.2
FURNACE, FORGE, 413, NATURAL GAS, WITH LOW NOX BURNER, 6 MMBTU/HR WITH A/N: 383760 BURNER, NATURAL GAS, HAUCK, MODEL SVG-125B-001, WITH LOW NOX BURNER, 6 TOTAL; 1 MMBTU/HR	D103		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, C1.4, C6.1, D28.4, D323.1, E71.1, E147.1, E147.2

* (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
CARLTON FORGE WORKS**

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					
FURNACE, FORGE, 414, NATURAL GAS, WITH LOW NOX BURNER, 6 MMBTU/HR WITH A/N: 383761 BURNER, NATURAL GAS, HAUCK, MODEL SVG-125B-001, WITH LOW NOX BURNER, 6 TOTAL; 1 MMBTU/HR	D104		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, C1.4, C6.1, D28.4, D323.1, E71.1, E147.1, E147.2
FURNACE, FORGE, 415, NATURAL GAS, WITH LOW NOX BURNER, 6 MMBTU/HR WITH A/N: 383762 BURNER, NATURAL GAS, HAUCK, MODEL SVG-125B-001, WITH LOW NOX BURNER, 6 TOTAL; 1 MMBTU/HR	D107		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, C1.4, C6.1, D28.4, D323.1, E71.1, E147.1, E147.2

- * (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
CARLTON FORGE WORKS

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					
FURNACE, FORGE, AL-5, NATURAL GAS, WITH LOW NOX BURNER, 6 MMBTU/HR WITH A/N: 343295 BURNER, NATURAL GAS, ECLIPSE, MODEL WX600, WITH LOW NOX BURNER, 6 MMBTU/HR	D109		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]	A63.3, B59.1, D12.1, D28.4, D323.1, E71.1, E147.1, E147.2
FURNACE, FORGE, NO. 417, NATURAL GAS, WITH LOW NOX BURNER, 6 MMBTU/HR WITH A/N: 383763 BURNER, NATURAL GAS, HAUCK, MODEL SVG-125B-001, WITH LOW NOX BURNER, 6 TOTAL; 1 MMBTU/HR	D115		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, C1.4, C6.1, D28.4, D323.1, E71.1, E147.1, E147.2

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

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

**FACILITY PERMIT TO OPERATE
CARLTON FORGE WORKS**

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					
FURNACE, FORGE, NO.416, NATURAL GAS, WITH LOW NOX BURNER, 6 MMBTU/HR WITH A/N: 383765 BURNER, NATURAL GAS, HAUCK, MODEL SVG-125B-001, WITH LOW NOX BURNER, 6 TOTAL; 1 MMBTU/HR	D116		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, C1.4, C6.1, D28.4, D323.1, E71.1, E147.1, E147.2
FURNACE, FORGE, NO. 418, NATURAL GAS, WITH LOW NOX BURNER, 6 MMBTU/HR WITH A/N: 383764 BURNER, NATURAL GAS, HAUCK, MODEL SVG-125B-001, WITH LOW NOX BURNER, 6 TOTAL; 1 MMBTU/HR	D117		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, C1.4, C6.1, D28.4, D323.1, E71.1, E147.1, E147.2

- * (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
CARLTON FORGE WORKS

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					
FURNACE, FORGE, NO. 419, NATURAL GAS, WITH LOW NOX BURNER, 6 MMBTU/HR WITH A/N: 383784 BURNER, NATURAL GAS, HAUCK, MODEL SVG-125B-001, WITH LOW NOX BURNER, 6 TOTAL; 1 MMBTU/HR	D118		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, C1.4, C6.1, D28.4, D323.1, E71.1, E147.1, E147.2
FURNACE, HEAT TREATING, NO. AL-6, NATURAL GAS, WITH LOW NOX BURNER, 5.6 MMBTU/HR WITH A/N: 369991 BURNER, NATURAL GAS, MAXON, MODEL 456M, WITH LOW NOX BURNER, 5.6 MMBTU/HR	D119		NOX: PROCESS UNIT**	CO: 2000 PPMV NATURAL GAS (5) [RULE 407, 4-2-1982]; NOX: 60 PPMV NATURAL GAS (4) [RULE 2005, 5-6-2005]; 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, C1.3, C6.1, D323.1, E71.1, E147.1, E147.2

- * (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
CARLTON FORGE WORKS**

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					
FURNACE, FORGE, NO. 420, NATURAL GAS, WITH LOW NOX BURNER, 6 MMBTU/HR WITH A/N: 377040 BURNER, NATURAL GAS, HAUCK, MODEL SVG-125, WITH LOW NOX BURNER, 6 TOTAL; 1 MMBTU/HR	D128		NOX: PROCESS UNIT**	CO: 2000 PPMV NATURAL GAS (5) [RULE 407, 4-2-1982]; NOX: 50 PPMV NATURAL GAS (4) [RULE 2005, 5-6-2005]; NOX: 60 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, C1.5, C6.1, D28.4, E71.1, E147.1, E147.2
FURNACE, FORGE, NO. 421, NATURAL GAS, WITH LOW NOX BURNER, 6 MMBTU/HR WITH A/N: 392912 BURNER, NATURAL GAS, HAUCK, MODEL SVG-125, WITH LOW NOX BURNER, 6 TOTAL; 1 MMBTU/HR	D129		NOX: PROCESS UNIT**	CO: 2000 PPMV NATURAL GAS (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: 0.1 GRAINS/SCF NATURAL GAS (5) [RULE 409, 8-7-1981]	B59.1, C1.4, C6.1, D28.4, E71.1, E147.1, E147.2

- * (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
CARLTON FORGE WORKS

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					
FURNACE, FORGE, NO. 422, NATURAL GAS, WITH LOW NOX BURNER, 6 MMBTU/HR WITH A/N: 392913 BURNER, NATURAL GAS, HAUCK, MODEL SVG-125, WITH LOW NOX BURNER, 6 TOTAL; 1 MMBTU/HR	D130		NOX: PROCESS UNIT**	CO: 2000 PPMV NATURAL GAS (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: 0.1 GRAINS/SCF NATURAL GAS (5) [RULE 409, 8-7-1981]	B59.1, C1.4, C6.1, D28.4, E71.1, E147.1, E147.2
FURNACE, FORGE, NO. 423, NATURAL GAS, WITH LOW NOX BURNER, 6 MMBTU/HR WITH A/N: 427710 BURNER, NATURAL GAS, HAUCK, MODEL SVG-125, WITH LOW NOX BURNER, 6 TOTAL; 1 MMBTU/HR	D142		NOX: PROCESS UNIT**	CO: 2000 PPMV NATURAL GAS (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: 0.1 GRAINS/SCF NATURAL GAS (5) [RULE 409, 8-7-1981]	B59.1, C1.4, C6.1, D28.4, D323.1, E71.1, E147.1, E147.2

- * (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
CARLTON FORGE WORKS**

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					
FURNACE, FORGE, NO. 424, NATURAL GAS, WITH LOW NOX BURNER, 6 MMBTU/HR WITH A/N: 433050 BURNER, NATURAL GAS, HAUCK, MODEL SVG-125 B-001, WITH LOW NOX BURNER, 6 TOTAL; 1 MMBTU/HR	D144		NOX: PROCESS UNIT**	CO: 2000 PPMV NATURAL GAS (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: 0.1 GRAINS/SCF NATURAL GAS (5) [RULE 409, 8-7-1981]	B59.1, C6.1, D28.4, D323.1, E71.1, E147.1, E147.2
FURNACE, FORGE, NO. 425, NATURAL GAS, WITH LOW NOX BURNER, 6 MMBTU/HR WITH A/N: 433052 BURNER, NATURAL GAS, HAUCK, MODEL SVG-125 B-001, WITH LOW NOX BURNER, 6 TOTAL; 1 MMBTU/HR	D146		NOX: PROCESS UNIT**	CO: 2000 PPMV NATURAL GAS (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: 0.1 GRAINS/SCF NATURAL GAS (5) [RULE 409, 8-7-1981]	B59.1, C6.1, D28.4, D323.1, E71.1, E147.1, E147.2

- * (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
CARLTON FORGE WORKS

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					
FURNACE, FORGE, NO. 426, NATURAL GAS, WITH LOW NOX BURNER, 6 MMBTU/HR WITH A/N: 444117 BURNER, NATURAL GAS, ECLIPSE, MODEL TJ100, WITH LOW NOX BURNER, 6 TOTAL; 1 MMBTU/HR	D148		NOX: PROCESS UNIT**	CO: 2000 PPMV NATURAL GAS (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: 0.1 GRAINS/SCF NATURAL GAS (5) [RULE 409, 8-7-1981]	B59.1, C1.4, C6.1, D28.4, D323.1, E71.1, E147.1, E147.2
FURNACE, FORGE, NO. 427, NATURAL GAS, WITH LOW NOX BURNER, 6 MMBTU/HR WITH A/N: 444118 BURNER, NATURAL GAS, ECLIPSE, MODEL TJ100, WITH LOW NOX BURNER, 6 TOTAL; 1 MMBTU/HR	D150		NOX: PROCESS UNIT**	CO: 2000 PPMV NATURAL GAS (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: 0.1 GRAINS/SCF NATURAL GAS (5) [RULE 409, 8-7-1981]	B59.1, C1.4, C6.1, D28.4, D323.1, E71.1, E147.1, E147.2

- * (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
CARLTON FORGE WORKS**

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					
FURNACE, FORGE, NO. 428, NATURAL GAS, WITH LOW NOX BURNER, 6 MMBTU/HR WITH A/N: 444718 BURNER, NATURAL GAS, ECLIPSE, MODEL TJ100, WITH LOW NOX BURNER, 6 TOTAL; 1 MMBTU/HR	D152		NOX: PROCESS UNIT**	CO: 2000 PPMV NATURAL GAS (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 NATURAL GAS (5) [RULE 409, 8-7-1981]	B59.1, C1.4, C6.1, D28.4, D323.1, E71.1, E147.1, E147.2
FURNACE, FORGE, NO. 429, NATURAL GAS, WITH LOW NOX BURNER, 6 MMBTU/HR WITH A/N: 444719 BURNER, NATURAL GAS, ECLIPSE, MODEL TJ100, WITH LOW NOX BURNER, 6 TOTAL; 1 MMBTU/HR	D154		NOX: PROCESS UNIT**	CO: 2000 PPMV NATURAL GAS (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 NATURAL GAS (5) [RULE 409, 8-7-1981]	B59.1, C1.4, C6.1, D28.4, D323.1, E71.1, E147.1, E147.2

- * (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
CARLTON FORGE WORKS

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					
FURNACE, FORGE, NO. 430, NATURAL GAS, WITH LOW NOX BURNER, 6 MMBTU/HR WITH A/N: 444720 BURNER, NATURAL GAS, ECLIPSE, MODEL TJ100, WITH LOW NOX BURNER, 6 TOTAL; 1 MMBTU/HR	D156		NOX: PROCESS UNIT**	CO: 2000 PPMV NATURAL GAS (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 NATURAL GAS (5) [RULE 409, 8-7-1981]	B59.1, C1.4, C6.1, D28.4, D323.1, E71.1, E147.1, E147.2
FURNACE, FORGE, NO. 431, NATURAL GAS, WITH LOW NOX BURNER, 6 MMBTU/HR WITH A/N: 444721 BURNER, NATURAL GAS, ECLIPSE, MODEL TJ100, WITH LOW NOX BURNER, 6 TOTAL; 1 MMBTU/HR	D158		NOX: PROCESS UNIT**	CO: 2000 PPMV NATURAL GAS (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 NATURAL GAS (5) [RULE 409, 8-7-1981]	B59.1, C1.4, C6.1, D28.4, D323.1, E71.1, E147.1, E147.2

* (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
CARLTON FORGE WORKS**

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					
FURNACE, FORGE, NO. 701, NATURAL GAS, WITH LOW NOX BURNER, 3 MMBTU/HR WITH A/N: 468669 BURNER, NATURAL GAS, ECLIPSE, MODEL FN0150, WITH LOW NOX BURNER, 2 TOTAL; 1.5 MMBTU/HR	D160		NOX: PROCESS UNIT**	CO: 2000 PPMV NATURAL GAS (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 NATURAL GAS (5) [RULE 409, 8-7-1981]	B59.1, C1.1, C6.1, D28.4, D323.1, E71.1, E147.1, E147.2
FURNACE, FORGE, NO. 702, NATURAL GAS, WITH LOW NOX BURNER, 3 MMBTU/HR WITH A/N: 468620 BURNER, NATURAL GAS, ECLIPSE, MODEL FN0100, WITH LOW NOX BURNER, 3 TOTAL; 1 MMBTU/HR	D164		NOX: PROCESS UNIT**	CO: 2000 PPMV NATURAL GAS (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 NATURAL GAS (5) [RULE 409, 8-7-1981]	B59.1, C1.1, C6.1, D28.4, D323.1, E71.1, E147.1, E147.2

- * (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
CARLTON FORGE WORKS**

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					
FURNACE, FORGE, NO. 601, NATURAL GAS, WITH LOW NOX BURNER, 3 MMBTU/HR WITH A/N: 472377 BURNER, NATURAL GAS, ECLIPSE, MODEL FN0150, WITH LOW NOX BURNER, 2 TOTAL; 1.5 MMBTU/HR	D166		NOX: PROCESS UNIT**	CO: 2000 PPMV NATURAL GAS (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 NATURAL GAS (5) [RULE 409, 8-7-1981]	B59.1, C1.1, C6.1, D28.4, D323.1, E71.1, E147.1, E147.2
FURNACE, FORGE, NO. 602, NATURAL GAS, WITH LOW NOX BURNER, 3 MMBTU/HR WITH A/N: 472382 BURNER, NATURAL GAS, ECLIPSE, MODEL FN0150, WITH LOW NOX BURNER, 2 TOTAL; 1.5 MMBTU/HR	D168		NOX: PROCESS UNIT**	CO: 2000 PPMV NATURAL GAS (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 NATURAL GAS (5) [RULE 409, 8-7-1981]	B59.1, C1.1, C6.1, D28.4, D323.1, E71.1, E147.1, E147.2

* (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
CARLTON FORGE WORKS**

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					
FURNACE, FORGE, NO. 703, NATURAL GAS, WITH LOW NOX BURNER, 3 MMBTU/HR WITH A/N: 472973 BURNER, NATURAL GAS, ECLIPSE, MODEL FN0150, WITH LOW NOX BURNER, 2 TOTAL; 1.5 MMBTU/HR	D170		NOX: PROCESS UNIT**	CO: 2000 PPMV NATURAL GAS (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 NATURAL GAS (5) [RULE 409, 8-7-1981]	B59.1, C1.1, C6.1, D28.4, D323.1, E71.1, E147.1, E147.2
FURNACE, FORGE, NO. 704, NATURAL GAS, WITH LOW NOX BURNER, 3 MMBTU/HR WITH A/N: 472976 BURNER, NATURAL GAS, ECLIPSE, MODEL FN0150, WITH LOW NOX BURNER, 2 TOTAL; 1.5 MMBTU/HR	D172		NOX: PROCESS UNIT**	CO: 2000 PPMV NATURAL GAS (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 NATURAL GAS (5) [RULE 409, 8-7-1981]	B59.1, C1.1, C6.1, D28.4, D323.1, E71.1, E147.1, E147.2

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

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

FACILITY PERMIT TO OPERATE
CARLTON FORGE WORKS

SECTION D: FACILITY DESCRIPTION AND EQUIPMENT SPECIFIC CONDITIONS

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

Equipment	ID No.	Connected To	RECLAIM Source Type/ Monitoring Unit	Emissions * And Requirements	Conditions
Process J: FORGING					
FURNACE, FORGE, NO. 705, NATURAL GAS, WITH LOW NOX BURNER, 3 MMBTU/HR WITH A/N: 472977 BURNER, NATURAL GAS, ECLIPSE, MODEL FN0150, WITH LOW NOX BURNER, 2 TOTAL; 1.5 MMBTU/HR	D174		NOX: PROCESS UNIT**	CO: 2000 PPMV NATURAL GAS (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 NATURAL GAS (5) [RULE 409, 8-7-1981]	B59.1, C1.1, C6.1, D28.4, D323.1, E71.1, E147.1, E147.2
FURNACE, FORGE, NO. 706, NATURAL GAS, WITH LOW NOX BURNER, 3 MMBTU/HR WITH A/N: 472978 BURNER, NATURAL GAS, ECLIPSE, MODEL FN0150, WITH LOW NOX BURNER, 2 TOTAL; 1.5 MMBTU/HR	D176		NOX: PROCESS UNIT**	CO: 2000 PPMV NATURAL GAS (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 NATURAL GAS (5) [RULE 409, 8-7-1981]	B59.1, C1.1, C6.1, D28.4, D323.1, E71.1, E147.1, E147.2

- * (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
CARLTON FORGE WORKS**

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					
FURNACE, FORGE, NO. 707, NATURAL GAS, WITH LOW NOX BURNER, 3 MMBTU/HR WITH A/N: 472979 BURNER, NATURAL GAS, ECLIPSE, MODEL FN0150, WITH LOW NOX BURNER, 2 TOTAL; 1.5 MMBTU/HR	D178		NOX: PROCESS UNIT**	CO: 2000 PPMV NATURAL GAS (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 NATURAL GAS (5) [RULE 409, 8-7-1981]	B59.1, C1.1, C6.1, D28.4, D323.1, E71.1, E147.1, E147.2
FURNACE, FORGE, NO. 708, NATURAL GAS, WITH LOW NOX BURNER, 3 MMBTU/HR WITH A/N: 472980 BURNER, NATURAL GAS, ECLIPSE, MODEL FN0150, WITH LOW NOX BURNER, 2 TOTAL; 1.5 MMBTU/HR	D180		NOX: PROCESS UNIT**	CO: 2000 PPMV NATURAL GAS (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 NATURAL GAS (5) [RULE 409, 8-7-1981]	B59.1, C1.1, C6.1, D28.4, D323.1, E71.1, E147.1, E147.2

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

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

FACILITY PERMIT TO OPERATE
CARLTON FORGE WORKS

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					
FURNACE, FORGE, NO. 432, NATURAL GAS, WITH LOW NOX BURNER, 6 MMBTU/HR WITH A/N: 481055 BURNER, NATURAL GAS, ECLIPSE, MODEL FN0100, WITH LOW NOX BURNER, 6 TOTAL; 1 MMBTU/HR	D182		NOX: PROCESS UNIT**	CO: 2000 PPMV NATURAL GAS (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 NATURAL GAS (5) [RULE 409, 8-7-1981]	B59.1, C1.1, C6.1, D28.4, D323.1, E71.1, E147.1, E147.2
FURNACE, FORGE, NO. 433, NATURAL GAS, WITH LOW NOX BURNER, 6 MMBTU/HR WITH A/N: 481056 BURNER, NATURAL GAS, ECLIPSE, MODEL FN0100, WITH LOW NOX BURNER, 6 TOTAL; 1 MMBTU/HR	D184		NOX: PROCESS UNIT**	CO: 2000 PPMV NATURAL GAS (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 NATURAL GAS (5) [RULE 409, 8-7-1981]	B59.1, C1.1, C6.1, D28.4, D323.1, E71.1, E147.1, E147.2

- * (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
CARLTON FORGE WORKS**

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					
FURNACE, FORGE, NO. 434, NATURAL GAS, WITH LOW NOX BURNER, 6 MMBTU/HR WITH A/N: 481057 BURNER, NATURAL GAS, ECLIPSE, MODEL FN0100, WITH LOW NOX BURNER, 6 TOTAL; 1 MMBTU/HR	D186		NOX: PROCESS UNIT**	CO: 2000 PPMV NATURAL GAS (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 NATURAL GAS (5) [RULE 409, 8-7-1981]	B59.1, C1.1, C6.1, D28.4, D323.1, E71.1, E147.1, E147.2
FURNACE, FORGE, NO. 801, NATURAL GAS, WITH LOW NOX BURNER, 3 MMBTU/HR WITH A/N: 495483 BURNER, NATURAL GAS, ECLIPSE, MODEL FN0150, WITH LOW NOX BURNER, 2 TOTAL; 1.5 MMBTU/HR	D202		NOX: PROCESS UNIT**	CO: 2000 PPMV NATURAL GAS (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 NATURAL GAS (5) [RULE 409, 8-7-1981]	B59.1, C1.2, C6.1, D28.4, D323.1, E71.1, E147.1, E147.2, I296.1
Process 3: FORGING EQUIPMENT					
FORGING HAMMER, AIR POWERED, 12,000 POUNDS A/N: C25551	D23	C24 C25			D323.1

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

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

FACILITY PERMIT TO OPERATE
CARLTON FORGE WORKS

SECTION D: FACILITY DESCRIPTION AND EQUIPMENT SPECIFIC CONDITIONS

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

Equipment	ID No.	Connected To	RECLAIM Source Type/ Monitoring Unit	Emissions * And Requirements	Conditions
Process 3: FORGING EQUIPMENT					
ELECTROSTATIC PRECIPITATOR, WITH WATER WASH DETERGENT CLEANER A/N: C25551	C24	D23		PM: (9) [RULE 404, 2-7-1986]	D381.1, E202.1
ELECTROSTATIC PRECIPITATOR, WITH WATER WASH DETERGENT CLEANER A/N: C25551	C25	D23		PM: (9) [RULE 404, 2-7-1986]	D381.1, E202.1
Process 4: ABRASIVE BLASTING					
System 1: ABRASIVE BLASTING AND CONTROL EQUIPMENT					
ABRASIVE BLASTING, MACHINE, SHOT BLAST, PANGBORN, MODEL 8LK-3, DIAMETER: 6 FT A/N: 460952	D36	C163		PM: (9) [RULE 405, 2-7-1986]; PM: (5) [RULE 1140, 2-1-1980; RULE 1140, 8-2-1985]	A63.2, D323.1
BAGHOUSE, PANEL, CARTRIDGE FILTER, DONALDSON TORIT, 4560 SQ.FT.; 24 CARTRIDGE A/N: 460954	C163	D36		PM: (9) [RULE 404, 2-7-1986]	D322.1, D381.1, E102.1, K67.1
Process 5: RULE 219 EXEMPT EQUIPMENT					
System 1:					
RULE 219 EXEMPT EQUIPMENT, COATING EQUIPMENT, PORTABLE, ARCHITECTURAL COATINGS	E135			ROG: (9) [RULE 1113, 11-8-1996; RULE 1113, 6-9-2006]	K67.2
RULE 219 EXEMPT EQUIPMENT, SMALL BOILERS, WATER HEATERS AND PROCESS HEATERS, >1 MMBTU/HR AND <= 2 MMBTU/HR	E140				H23.1
Process 6: COATING OPERATIONS					

- * (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
 CARLTON FORGE WORKS**

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 COATING OPERATIONS					
SPRAY COATING OPERATION, TITANIUM OXIDE SPRAY BOOTH, MSI, WITH FABRIC FILTER, 18 TOTAL A/N: 459088	D162			ROG: (9) [RULE 1107, 11-9-2001; RULE 1107, 1-6-2006]	B59.2, C1.7, E175.1, H23.2

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

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

FACILITY PERMIT TO OPERATE
CARLTON FORGE WORKS

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
CARLTON FORGE WORKS**

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
D6	2	1	0
D8	2	1	0
D9	2	1	0
D12	3	1	0
D16	3	1	0
D17	3	1	0
D18	4	1	0
D19	4	1	0
D20	5	1	0
D21	5	1	0
D23	29	3	0
C24	30	3	0
C25	30	3	0
D27	5	1	0
D28	6	1	0
D29	6	1	0
D36	30	4	1
D39	6	1	0
D40	7	1	0
D53	7	1	0
D55	8	1	0
D62	8	1	0
D63	9	1	0
D64	9	1	0
D65	10	1	0
D66	10	1	0
D97	11	1	0
D99	11	1	0
D100	12	1	0
D103	12	1	0
D104	13	1	0
D107	13	1	0
D109	14	1	0

**FACILITY PERMIT TO OPERATE
CARLTON FORGE WORKS**

SECTION D: DEVICE ID INDEX

Device Index For Section D			
Device ID	Section D Page No.	Process	System
D115	14	1	0
D116	15	1	0
D117	15	1	0
D118	16	1	0
D119	16	1	0
D128	17	1	0
D129	17	1	0
D130	18	1	0
E135	30	5	1
E140	30	5	1
D142	18	1	0
D144	19	1	0
D146	19	1	0
D148	20	1	0
D150	20	1	0
D152	21	1	0
D154	21	1	0
D156	22	1	0
D158	22	1	0
D160	23	1	0
D162	31	6	0
C163	30	4	1
D164	23	1	0
D166	24	1	0
D168	24	1	0
D170	25	1	0
D172	25	1	0
D174	26	1	0
D176	26	1	0
D178	27	1	0
D180	27	1	0
D182	28	1	0
D184	28	1	0
D186	29	1	0
D202	29	1	0

**FACILITY PERMIT TO OPERATE
CARLTON FORGE WORKS**

SECTION D: FACILITY DESCRIPTION AND EQUIPMENT SPECIFIC CONDITIONS

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

DEVICE CONDITIONS

A. Emission Limits

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

CONTAMINANT	EMISSIONS LIMIT
CO	Less than or equal to 91 LBS IN ANY 30-DAY PERIOD
PM10	Less than or equal to 20 LBS IN ANY 30-DAY PERIOD
ROG	Less than or equal to 18 LBS IN ANY 30-DAY PERIOD
SOX	Less than or equal to 2 LBS IN ANY 30-DAY PERIOD

[RULE 2005, 5-6-2005]

[Devices subject to this condition : D27, D28, D29]

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

CONTAMINANT	EMISSIONS LIMIT
PM10	Less than or equal to 56 LBS IN ANY ONE MONTH

[RULE 2005, 5-6-2005]

[Devices subject to this condition : D36]

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

FACILITY PERMIT TO OPERATE
CARLTON FORGE WORKS

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 73 LBS IN ANY 30-DAY PERIOD
PM10	Less than or equal to 16 LBS IN ANY 30-DAY PERIOD
ROG	Less than or equal to 15 LBS IN ANY 30-DAY PERIOD
SOX	Less than or equal to 2 LBS IN ANY 30-DAY PERIOD

[RULE 2005, 5-6-2005]

[Devices subject to this condition : D4, D6, D109]

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

CONTAMINANT	EMISSIONS LIMIT
CO	Less than or equal to 72 LBS IN ANY 30-DAY PERIOD
PM10	Less than or equal to 15 LBS IN ANY 30-DAY PERIOD
ROG	Less than or equal to 14 LBS IN ANY 30-DAY PERIOD
SOX	Less than or equal to 2 LBS IN ANY 30-DAY PERIOD

[RULE 2005, 5-6-2005]

[Devices subject to this condition : D53]

B. Material/Fuel Type Limits

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

**FACILITY PERMIT TO OPERATE
CARLTON FORGE WORKS**

SECTION D: FACILITY DESCRIPTION AND EQUIPMENT SPECIFIC CONDITIONS

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

metal contaminated with rubber, plastics, paper, rags, oil, grease, or similar smoke-producing material

[RULE 2005, 5-6-2005; RULE 401, 3-2-1984; RULE 401, 11-9-2001]

[Devices subject to this condition : D3, D4, D6, D8, D9, D12, D16, D17, D18, D19, D20, D21, D27, D28, D29, D39, D40, D53, D55, D62, D63, D64, D65, D66, D97, D99, D100, D103, D104, D107, D109, D115, D116, D117, D118, D119, D128, D129, D130, D142, D144, D146, D148, D150, D152, D154, D156, D158, D160, D164, D166, D168, D170, D172, D174, D176, D178, D180, D182, D184, D186, D202]

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

VOC containing coatings

[RULE 2005, 5-6-2005; RULE 401, 3-2-1984; RULE 401, 11-9-2001]

[Devices subject to this condition : D162]

C. Throughput or Operating Parameter Limits

C1.1 The operator shall limit the fuel usage to no more than 1.37143 MM cubic feet per month.

FACILITY PERMIT TO OPERATE
CARLTON FORGE WORKS

SECTION D: FACILITY DESCRIPTION AND EQUIPMENT SPECIFIC CONDITIONS

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

For the purpose of this condition, fuel shall be defined as natural gas.

To comply with this condition, the operator shall install and maintain a(n) non-resettable totalizing fuel flow meter to accurately indicate the fuel usage being supplied to the furnace.

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

[RULE 2005, 5-6-2005]

[Devices subject to this condition : D19, D160, D164, D166, D168, D170, D172, D174, D176, D178, D180, D182, D184, D186]

- C1.2 The operator shall limit the natural gas fuel usage to no more than 1.71429 MM cubic feet in any one calendar month.

To comply with this condition, the operator shall install and maintain a(n) non-resettable totalizing fuel flow meter to accurately indicate the fuel usage of the furnace.

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

[RULE 2005, 5-6-2005]

[Devices subject to this condition : D17, D18, D202]

- C1.3 The operator shall limit the fuel usage to no more than 1.92e+06 cubic feet per month.

**FACILITY PERMIT TO OPERATE
CARLTON FORGE WORKS**

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(n) non-resettable totalizing fuel flow meter to accurately indicate the fuel usage in the equipment.

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

[RULE 2005, 5-6-2005]

[Devices subject to this condition : D119]

- C1.4 The operator shall limit the fuel usage to no more than 2.05714e+06 cubic feet per month.

To comply with this condition, the operator shall install and maintain a(n) non-resettable totalizing fuel flow meter to accurately indicate the fuel usage in the equipment.

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

[RULE 2005, 5-6-2005]

[Devices subject to this condition : D39, D40, D55, D62, D63, D64, D65, D66, D97, D99, D100, D103, D104, D107, D115, D116, D117, D118, D129, D130, D142, D148, D150, D152, D154, D156, D158]

- C1.5 The operator shall limit the fuel usage to no more than 1.2e+06 cubic feet per month.

FACILITY PERMIT TO OPERATE
CARLTON FORGE WORKS

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(n) non-resettable totalizing fuel flow meter to accurately indicate the fuel usage in the equipment.

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

[RULE 2005, 5-6-2005]

[Devices subject to this condition : D128]

C1.7 The operator shall limit the throughput to no more than 1 lb(s) in any one day.

For the purpose of this condition, throughput shall be defined as Titanium Oxide.

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

[RULE 2005, 5-6-2005]

[Devices subject to this condition : D162]

C6.1 The operator shall use this equipment in such a manner that the temperature being monitored, as indicated below, does not exceed 2150 Deg F.

To comply with this condition, the operator shall install and maintain a(n) temperature reading device to accurately indicate the temperature in the equipment.

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

[RULE 2005, 5-6-2005]

**FACILITY PERMIT TO OPERATE
CARLTON FORGE WORKS**

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 : D39, D40, D55, D62, D63, D64, D65, D66, D97, D99, D100, D103, D104, D107, D115, D116, D117, D118, D119, D128, D129, D130, D142, D144, D146, D148, D150, D152, D154, D156, D158, D160, D164, D166, D168, D170, D172, D174, D176, D178, D180, D182, D184, D186, D202]

D. Monitoring/Testing Requirements

D12.1 The operator shall install and maintain a(n) flow meter to accurately indicate the fuel usage in the furnace.

[RULE 2005, 5-6-2005]

[Devices subject to this condition : D4, D6, D20, D27, D28, D29, D53, D109]

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

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

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

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

[RULE 2012, 5-6-2005]

[Devices subject to this condition : D3, D39, D40, D55, D62, D63, D64, D65, D66, D97, D99, D100, D103, D104, D107, D109, D115, D116, D117, D118, D128, D129, D130, D142, D144, D146, D148, D150, D152, D154, D156, D158, D160, D164, D166, D168, D170, D172, D174, D176, D178, D180, D182, D184, D186, D202]

FACILITY PERMIT TO OPERATE
CARLTON FORGE WORKS

SECTION D: FACILITY DESCRIPTION AND EQUIPMENT SPECIFIC CONDITIONS

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

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

[Devices subject to this condition : C163]

FACILITY PERMIT TO OPERATE
CARLTON FORGE WORKS

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 daily basis whenever fuel oil is burned. The routine daily inspection shall be conducted while the equipment is in operation and during daylight hours.

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

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

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

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

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

FACILITY PERMIT TO OPERATE
CARLTON FORGE WORKS

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 : D3, D4, D6, D8, D9, D12, D16, D17, D18, D19, D20, D21, D23, D27, D28, D29, D36, D39, D40, D53, D55, D62, D63, D64, D65, D66, D97, D99, D100, D103, D104, D107, D109, D115, D116, D117, D118, D119, D142, D144, D146, D148, D150, D152, D154, D156, D158, D160, D164, D166, D168, D170, D172, D174, D176, D178, D180, D182, D184, D186, D202]

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

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

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

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

[Devices subject to this condition : C24, C25, C163]

E. Equipment Operation/Construction Requirements

FACILITY PERMIT TO OPERATE
CARLTON FORGE WORKS

SECTION D: FACILITY DESCRIPTION AND EQUIPMENT SPECIFIC CONDITIONS

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

E71.1 The operator shall not conduct metal melting operations in this equipment during use.

[RULE 2005, 5-6-2005]

[Devices subject to this condition : D3, D4, D6, D8, D9, D12, D16, D17, D18, D19, D20, D27, D28, D29, D39, D40, D53, D55, D62, D63, D64, D65, D66, D97, D99, D100, D103, D104, D107, D109, D115, D116, D117, D118, D119, D128, D129, D130, D142, D144, D146, D148, D150, D152, D154, D156, D158, D160, D164, D166, D168, D170, D172, D174, D176, D178, D180, D182, D184, D186, D202]

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

[RULE 2005, 5-6-2005]

[Devices subject to this condition : C163]

E147.1 The operator shall not conduct fluxing in this equipment.

[RULE 2005, 5-6-2005; RULE 401, 3-2-1984; RULE 401, 11-9-2001]

[Devices subject to this condition : D3, D4, D6, D8, D9, D12, D16, D17, D18, D19, D20, D27, D28, D29, D39, D40, D53, D55, D62, D63, D64, D65, D66, D97, D99, D100, D103, D104, D107, D109, D115, D116, D117, D118, D119, D128, D129, D130, D142, D144, D146, D148, D150, D152, D154, D156, D158, D160, D164, D166, D168, D170, D172, D174, D176, D178, D180, D182, D184, D186, D202]

E147.2 The operator shall not conduct refining in this equipment.

FACILITY PERMIT TO OPERATE
CARLTON FORGE WORKS

SECTION D: FACILITY DESCRIPTION AND EQUIPMENT SPECIFIC CONDITIONS

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

[RULE 2005, 5-6-2005; RULE 401, 3-2-1984; RULE 401, 11-9-2001]

[Devices subject to this condition : D3, D4, D6, D8, D9, D12, D16, D17, D18, D19, D20, D27, D28, D29, D39, D40, D53, D55, D62, D63, D64, D65, D66, D97, D99, D100, D103, D104, D107, D109, D115, D116, D117, D118, D119, D128, D129, D130, D142, D144, D146, D148, D150, D152, D154, D156, D158, D160, D164, D166, D168, D170, D172, D174, D176, D178, D180, D182, D184, D186, D202]

E175.1 The operator shall not use this equipment unless all exhaust air passes through the following:

filter media at least 2 inches thick

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

[Devices subject to this condition : D162]

E202.1 The operator shall clean and maintain this equipment according to the following specifications:

cleaning shall be done quarterly, at the minimum

cleaning shall be done in accordance with manufacturer specifications

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

[Devices subject to this condition : C24, C25]

H. Applicable Rules

**FACILITY PERMIT TO OPERATE
CARLTON FORGE WORKS**

SECTION D: FACILITY DESCRIPTION AND EQUIPMENT SPECIFIC CONDITIONS

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

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

Contaminant	Rule	Rule/Subpart
NOX	District Rule	1146.2

[RULE 1146.2, 1-9-1998; RULE 1146.2, 1-7-2005]

[Devices subject to this condition : E140]

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

Contaminant	Rule	Rule/Subpart
VOC	District Rule	1107

[RULE 1107, 11-9-2001; RULE 1107, 1-6-2006]

[Devices subject to this condition : D162]

I. Administrative

I296.1 This equipment shall not be operated unless the operator demonstrates to the Executive Officer that the facility holds sufficient RTCs to offset the prorated annual emissions increase for the first compliance year of operation. In addition, this equipment shall not be operated unless the operator demonstrates to the Executive Officer that, at the commencement of each compliance year after the first compliance year of operation, the facility holds sufficient RTCs in an amount equal to the annual emissions increase.

FACILITY PERMIT TO OPERATE
CARLTON FORGE WORKS

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 prior to each compliance year hold a minimum NOx RTCs of 1,317 lb/yr.

In accordance with Rule 2005 (f), unused RTCs may be sold only during the reconciliation period for the fourth quarter of the applicable compliance year inclusive of the 1st compliance year.

[RULE 2005, 5-6-2005]

[Devices subject to this condition : D202]

K. Record Keeping/Reporting

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

- a. The name of the person performing the inspection and/or maintenance of the filter media
- b. The date, time and results of the inspection; and
- c. The date, time and description of any maintenance or repairs

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

[Devices subject to this condition : C163]

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
CARLTON FORGE WORKS

SECTION D: FACILITY DESCRIPTION AND EQUIPMENT SPECIFIC CONDITIONS

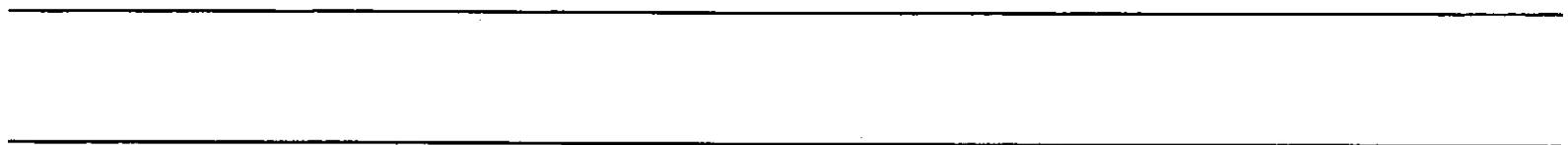
The operator shall comply with the terms and conditions set forth below:

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.

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

[Devices subject to this condition : E135]

SOUTH COAST AIR QUALITY MANAGEMENT DISTRICT
21865 Copley Drive, Diamond Bar, CA 91765



**FACILITY PERMIT TO OPERATE
CARLTON FORGE WORKS**

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					
FURNACE, FORGE, NO. 435, NATURAL GAS, WITH LOW NOX BURNER, 6 MMBTU/HR WITH A/N: 481058 Permit to Construct Issued: 07/08/08 BURNER, NATURAL GAS, ECLIPSE, MODEL FN0100, WITH LOW NOX BURNER, 6 TOTAL; 1 MMBTU/HR	D188		NOX: PROCESS UNIT**	CO: 2000 PPMV NATURAL GAS (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 NATURAL GAS (5) [RULE 409, 8-7-1981]	B59.1, C1.1, C6.1, D28.4, D29.2, D323.1, E71.1, E147.1, E147.2, K171.2
FURNACE, FORGE, NO. 709, NATURAL GAS, WITH LOW NOX BURNER, 6 MMBTU/HR WITH A/N: 485183 Permit to Construct Issued: 01/01/10 BURNER, NATURAL GAS, ECLIPSE, MODEL FN0100, WITH LOW NOX BURNER, 6 TOTAL; 1 MMBTU/HR	D190		NOX: PROCESS UNIT**	CO: 2000 PPMV NATURAL GAS (5); NOX: 50 PPMV NATURAL GAS (4); NOX: 50 PPMV NATURAL GAS (3); PM: (9); PM: 0.1 GRAINS/SCF NATURAL GAS (5)	B59.1, C1.1, C6.1, D28.4, D29.2, D323.1, E71.1, E147.1, E147.2, K171.2

- * (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
CARLTON FORGE WORKS

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					
FURNACE, FORGE, NO. 710, NATURAL GAS, WITH LOW NOX BURNER, 3 MMBTU/HR WITH A/N: 485182 Permit to Construct Issued: 01/01/10 BURNER, NATURAL GAS, ECLIPSE, MODEL FN0150, WITH LOW NOX BURNER, 2 TOTAL; 1.5 MMBTU/HR	D192		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, C6.1, D28.4, D29.2, D323.1, E71.1, E147.1, E147.2, K171.2
FURNACE, FORGE, NO. 711, NATURAL GAS, WITH LOW NOX BURNER, 3 MMBTU/HR WITH A/N: 485181 Permit to Construct Issued: 01/01/10 BURNER, NATURAL GAS, ECLIPSE, MODEL FN0150, WITH LOW NOX BURNER, 2 TOTAL; 1.5 MMBTU/HR	D194		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, C6.1, D28.4, D29.2, D323.1, E71.1, E147.1, E147.2, K171.2

- * (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
CARLTON FORGE WORKS**

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 I: FORGING					
FURNACE, FORGE, NO. 712, NATURAL GAS, WITH LOW NOX BURNER, 3 MMBTU/HR WITH A/N: 485180 Permit to Construct Issued: 01/01/10 BURNER, NATURAL GAS, ECLIPSE, MODEL FN0150, WITH LOW NOX BURNER, 2 TOTAL; 1.5 MMBTU/HR	D196		NOX: PROCESS UNIT**	CO: 2000 PPMV NATURAL GAS (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 NATURAL GAS (5) [RULE 409, 8-7-1981]	B59.1, C1.1, C6.1, D28.4, D29.2, D323.1, E71.1, E147.1, E147.2, K171.2
FURNACE, FORGE, NO. 713, NATURAL GAS, WITH LOW NOX BURNER, 3 MMBTU/HR WITH A/N: 485179 Permit to Construct Issued: 01/01/10 BURNER, NATURAL GAS, ECLIPSE, MODEL FN0150, WITH LOW NOX BURNER, 2 TOTAL; 1.5 MMBTU/HR	D198		NOX: PROCESS UNIT**	CO: 2000 PPMV NATURAL GAS (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 NATURAL GAS (5) [RULE 409, 8-7-1981]	B59.1, C1.1, C6.1, D28.4, D29.2, D323.1, E71.1, E147.1, E147.2, K171.2

- * (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
CARLTON FORGE WORKS

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					
FURNACE, FORGE, NO. 714, NATURAL GAS, WITH LOW NOX BURNER, 3 MMBTU/HR WITH A/N: 485178 Permit to Construct Issued: 01/01/10 BURNER, NATURAL GAS, ECLIPSE, MODEL FN0150, WITH LOW NOX BURNER, 2 TOTAL; 1.5 MMBTU/HR	D200		NOX: PROCESS UNIT**	CO: 2000 PPMV NATURAL GAS (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 NATURAL GAS (5) [RULE 409, 8-7-1981]	B59.1, C1.1, C6.1, D28.4, D29.2, D323.1, E147.1, E147.2, K67.1, K67.2, K171.2
FURNACE, FORGE, NO. 802, NATURAL GAS, WITH LOW NOX BURNER, 3 MMBTU WITH A/N: 500361 Permit to Construct Issued: 02/02/10 BURNER, NATURAL GAS, ECLIPSE, MODEL FN0150, WITH LOW NOX BURNER, 2 TOTAL; 1.5 MMBTU/HR	D204		NOX: PROCESS UNIT**	CO: 2000 PPMV NATURAL GAS (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 NATURAL GAS (5) [RULE 409, 8-7-1981]	B59.1, C1.2, C6.1, D28.4, D29.2, D323.1, E71.1, E147.1, E147.2, K171.3

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

**FACILITY PERMIT TO OPERATE
CARLTON FORGE WORKS**

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
CARLTON FORGE WORKS**

SECTION H: DEVICE ID INDEX

Device Index For Section H			
Device ID	Section H Page No.	Process	System
D188	1	1	0
D190	1	1	0
D192	2	1	0
D194	2	1	0
D196	3	1	0
D198	3	1	0
D200	4	1	0
D204	4	1	0

**FACILITY PERMIT TO OPERATE
CARLTON FORGE WORKS**

SECTION H: PERMIT TO CONSTRUCT AND TEMPORARY PERMIT TO OPERATE

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

DEVICE CONDITIONS

B. Material/Fuel Type Limits

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

metal contaminated with rubber, plastics, paper, rags, oil, grease, or similar
smoke-producing material

[RULE 2005, 5-6-2005; RULE 401, 3-2-1984; RULE 401, 11-9-2001]

[Devices subject to this condition : D188, D190, D192, D194, D196, D198, D200,
D204]

C. Throughput or Operating Parameter Limits

C1.1 The operator shall limit the fuel usage to no more than 1.37143 MM cubic feet per
month.

For the purpose of this condition, fuel shall be defined as natural gas.

To comply with this condition, the operator shall install and maintain a(n)
non-resettable totalizing fuel flow meter to accurately indicate the fuel usage
being supplied to the furnace.

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

[RULE 2005, 5-6-2005]

[Devices subject to this condition : D188, D190, D192, D194, D196, D198, D200]

C1.2 The operator shall limit the natural gas fuel usage to no more than 1.71429 MM cubic
feet in any one calendar month.

FACILITY PERMIT TO OPERATE
CARLTON FORGE WORKS

SECTION H: PERMIT TO CONSTRUCT AND TEMPORARY PERMIT TO OPERATE

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

To comply with this condition, the operator shall install and maintain a(n) non-resettable totalizing fuel flow meter to accurately indicate the fuel usage of the furnace.

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

[RULE 2005, 5-6-2005]

[Devices subject to this condition : D204]

C6.1 The operator shall use this equipment in such a manner that the temperature being monitored, as indicated below, does not exceed 2150 Deg F.

To comply with this condition, the operator shall install and maintain a(n) temperature reading device to accurately indicate the temperature in the equipment.

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

[RULE 2005, 5-6-2005]

[Devices subject to this condition : D188, D190, D192, D194, D196, D198, D200, D204]

D. Monitoring/Testing Requirements

D28.4 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 period, with the first five year period ending June 30, 2005.

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