

FACILITY PERMIT TO OPERATE

**PRESS FORGE CO
7700 JACKSON 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 _____
Mohsen Nazemi, P.E.
Deputy Executive Officer
Engineering & Compliance

FACILITY PERMIT TO OPERATE PRESS FORGE CO

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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 OPERATION					
FURNACE, FORGE, I.D. NO. 1, NATURAL GAS, 12 MMBTU/HR A/N: 456865	D1		NOX: LARGE SOURCE**	CO: 2000 PPMV NATURAL GAS (5) [RULE 407, 4-2-1982]; NOX: 55 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, D323.1
FURNACE, FORGE, I.D. NO. 2, NATURAL GAS, 12 MMBTU/HR A/N: 456866	D2		NOX: LARGE SOURCE**	CO: 2000 PPMV NATURAL GAS (5) [RULE 407, 4-2-1982]; NOX: 55 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]	B59.1, D323.1
FURNACE, FORGE, J.T. THORPE, NATURAL GAS, 18 MMBTU/HR A/N: 446513	D4		NOX: LARGE SOURCE**	CO: 2000 PPMV NATURAL GAS (5) [RULE 407, 4-2-1982]; NOX: 140 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]	B59.1, D323.1
FURNACE, FORGE, CAR BOTTOM, NATURAL GAS, 16.8 MMBTU/HR A/N: 374847	D5		NOX: LARGE SOURCE**	CO: 2000 PPMV NATURAL GAS (5) [RULE 407, 4-2-1982]; NOX: 135 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, 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.

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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 OPERATION					
FURNACE, FORGE, NO. 7, NATURAL GAS, WITH LOW NOX BURNER, 6 MMBTU/HR WITH A/N: 377044 BURNER, NATURAL GAS, HAUCK MFG. COMPANY, MODEL SVG-125, WITH LOW NOX BURNER, 6 TOTAL; 1 MMBTU/HR	D11		NOX: PROCESS UNIT**	CO: 2000 PPMV NATURAL GAS (5) [RULE 407, 4-2-1982]; NOX: 55 PPMV NATURAL GAS (3) [RULE 2012, 5-6-2005]; NOX: 55 PPMV NATURAL GAS (4) [RULE 2005, 6-3-2011]; PM: (9) [RULE 404, 2-7-1986]; PM: 0.1 GRAINS/SCF NATURAL GAS (5) [RULE 409, 8-7-1981]	D28.1, D323.1
FURNACE, FORGE, I.D. NO. 9, NATURAL GAS, WITH LOW NOX BURNER, 6 MMBTU/HR WITH A/N: 443801 BURNER, NATURAL GAS, HAUCK MFG. COMPANY, MODEL SVG-125B-001, WITH LOW NOX BURNER, 6 TOTAL; 1 MMBTU/HR	D15		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, 6-3-2011]; PM: (9) [RULE 404, 2-7-1986]; PM: 0.1 GRAINS/SCF NATURAL GAS (5) [RULE 409, 8-7-1981]	B59.1, D28.3, D323.1

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

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

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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 I- FORGING/HEAT TREATING OPERATION					
FURNACE, FORGE, I.D. NO. 10, NATURAL GAS, WITH LOW NOX BURNER, 6 MMBTU/HR WITH A/N: 443803 BURNER, NATURAL GAS, HAUCK MFG. COMPANY, MODEL SVG-125B-001, WITH LOW NOX BURNER, 6 TOTAL; 1 MMBTU/HR	D17		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, 6-3-2011]; PM: (9) [RULE 404, 2-7-1986]; PM: 0.1 GRAINS/SCF NATURAL GAS (5) [RULE 409, 8-7-1981]	B59.1, D28.3, D323.1
FURNACE, FORGE, I.D. NO. 11, NATURAL GAS, WITH LOW NOX BURNER, 3 MMBTU/HR WITH A/N: 458094 BURNER, NATURAL GAS, ECLIPSE, MODEL FURNNOX, FN0150, WITH LOW NOX BURNER, 2 TOTAL; 1.5 MMBTU/HR	D19		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, 6-3-2011]; PM: (9) [RULE 404, 2-7-1986]; PM: 0.1 GRAINS/SCF NATURAL GAS (5) [RULE 409, 8-7-1981]	B59.1, D28.3, 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.

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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 OPERATION					
FURNACE, FORGE, NO. 21, NATURAL GAS, WITH LOW NOX BURNER, 20 MMBTU/HR WITH A/N: BURNER, NATURAL GAS, ECLIPSE, MODEL FN200, WITH LOW NOX BURNER, 10 TOTAL; 2 MMBTU/HR	D23		NOX: LARGE SOURCE**	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, 6-3-2011]; PM: (9) [RULE 404, 2-7-1986]; PM: 0.1 GRAINS/SCF (5) [RULE 409, 8-7-1981]	B59.1, C1.4, D323.1, I297.1
FURNACE, FORGE, NO. 22, NATURAL GAS, WITH LOW NOX BURNER, 20 MMBTU/HR WITH A/N: BURNER, NATURAL GAS, ECLIPSE, MODEL FN200, WITH LOW NOX BURNER, 10 TOTAL; 2 MMBTU/HR	D25		NOX: LARGE SOURCE**	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, 6-3-2011]; PM: (9) [RULE 404, 2-7-1986]; PM: 0.1 GRAINS/SCF (5) [RULE 409, 8-7-1981]	B59.1, C1.4, D323.1, I297.2

* (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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PRESS FORGE CO**

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.**

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SECTION D: DEVICE ID INDEX

Device Index For Section D			
Device ID	Section D Page No.	Process	System
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D5	1	1	0
D7	2	1	0
D9	2	1	0
D11	3	1	0
E14	8	4	0
D15	3	1	0
D17	4	1	0
D19	4	1	0
D23	5	1	0
D25	5	1	0
D27	6	1	0
D29	6	1	0
D31	7	1	0
D33	7	1	0
D35	8	1	0

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SECTION D: FACILITY DESCRIPTION AND EQUIPMENT SPECIFIC CONDITIONS

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, plastic, paper, rags, oil, grease

Smoke producing material

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

[Devices subject to this condition : D1, D2, D4, D5, D7, D15, D17, D19, D23, D25, D27, D29, D31, D33, D35]

C. Throughput or Operating Parameter Limits

C1.2 The operator shall limit the natural gas fuel usage to no more than 4.86 MM cubic feet per month.

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

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

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

[Devices subject to this condition : D7]

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SECTION D: FACILITY DESCRIPTION AND EQUIPMENT SPECIFIC CONDITIONS

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

C1.4 The operator shall limit the natural gas fuel usage to no more than 24.0 MM cubic feet per month.

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

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

This limit shall be based on the total combined limit for equipment D23, D25, D35.

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

[Devices subject to this condition : D23, D25, D35]

C1.5 The operator shall limit the natural gas fuel usage to no more than 5.0 MM cubic feet per month.

To comply with this condition, the operator shall install and maintain a(n) 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 1303(b)(2)-Offset, 5-10-1996; RULE 1303(b)(2)-Offset, 12-6-2002]

[Devices subject to this condition : D27, D29, D31, D33]

D. Monitoring/Testing Requirements

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

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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 the NOX emissions at the outlet.

The test shall be conducted to demonstrate compliance with Rule 2012 (j)(4).

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

[RULE 2012, 5-6-2005]

[Devices subject to this condition : D9, D11]

D28.3 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 June 30, 2010.

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 : D15, D17, D19]

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

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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 the NO_x emissions at the outlet.

The test shall be conducted every five year period, with the first five year period ending June 30, 2015.

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 : D27, D29, D31, D33]

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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.
In addition, the operator shall 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 72 hours of conversion to fuel oil firing and on a weekly basis thereafter, until the equipment stops firing fuel oil.

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

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SECTION D: FACILITY DESCRIPTION AND EQUIPMENT SPECIFIC CONDITIONS

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

- 4). All visible emission observation records by operator or a certified smoke reader.

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

[Devices subject to this condition : D1, D2, D4, D5, D7, D9, D11, D15, D17, D19, D23, D25, D27, D29, D31, D33, D35]

I. Administrative

- I297.1 This equipment shall not be operated unless the facility holds 1565 pounds of NOx RTCs in its allocation account to offset the annual emissions increase for the first year of operation. RTCs held to satisfy this condition may be transferred only after one year from the initial start of operation. If the hold amount is partially satisfied by holding RTCs that expire midway through the hold period, those RTCs may be transferred upon their respective expiration dates. This hold amount is in addition to any other amount of RTCs required to be held under other condition(s) stated in this permit.

[RULE 2005, 6-3-2011]

[Devices subject to this condition : D23]

- I297.2 This equipment shall not be operated unless the facility holds 1565 pounds of NOx RTCs in its allocation account to offset the annual emissions increase for the first year of operation. RTCs held to satisfy this condition may be transferred only after one year from the initial start of operation. If the hold amount is partially satisfied by holding RTCs that expire midway through the hold period, those RTCs may be transferred upon their respective expiration dates. This hold amount is in addition to any other amount of RTCs required to be held under other condition(s) stated in this permit.

[RULE 2005, 6-3-2011]

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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 : D25]

- I297.3 This equipment shall not be operated unless the facility holds 1565 pounds of NOx RTCs in its allocation account to offset the annual emissions increase for the first year of operation. RTCs held to satisfy this condition may be transferred only after one year from the initial start of operation. If the hold amount is partially satisfied by holding RTCs that expire midway through the hold period, those RTCs may be transferred upon their respective expiration dates. This hold amount is in addition to any other amount of RTCs required to be held under other condition(s) stated in this permit.

[RULE 2005, 6-3-2011]

[Devices subject to this condition : D35]

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):

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]

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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 : E14]