

FACILITY PERMIT TO OPERATE

**VISTA METALS CORPORATION
13425 WHITTRAM AVE
FONTANA, CA 92335**

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 VISTA METALS CORPORATION

TABLE OF CONTENTS

Section	Description	Revision #	Date Issued
A	Facility Information	5	01/06/2011
B	RECLAIM Annual Emission Allocation	16	07/01/2011
C	Facility Plot Plan	TO BE DEVELOPED	
D	Facility Description and Equipment Specific Conditions	22	10/27/2011
E	Administrative Conditions	6	07/01/2000
F	RECLAIM Monitoring and Source Testing Requirements	4	07/01/1999
G	Recordkeeping and Reporting Requirements for RECLAIM Sources	4	07/01/1999
H	Permit To Construct and Temporary Permit to Operate	18	05/04/2012
I	Compliance Plans & Schedules	3	07/01/1999
J	Air Toxics	1	01/06/2011
K	Title V Administration	1	01/06/2011
Appendix			
A	NOx and SOx Emitting Equipment Exempt From Written Permit Pursuant to Rule 219	1	07/01/1999
B	Rule Emission Limits	2	01/06/2011

FACILITY PERMIT TO OPERATE VISTA METALS CORPORATION

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 2: METAL PROCESSING					
System 1: ALUMINUM MELTING					
FURNACE, MELTING, A BILLET, NATURAL GAS, ALUMINUM INGOT, 16 MMBTU/HR WITH A/N: 530841 Permit to Construct Issued: 05/04/12 BURNER, NATURAL GAS, BLOOM ENGINEERING, MODEL 1150+100 ULTRA-LOW NOX REGENERATIVE BURNERS, 16 MMBTU/HR	D94		NOX: LARGE SOURCE**	CO: 2000 PPMV NATURAL GAS (5) ; NOX: 60 PPMV NATURAL GAS (3) ; NOX: 60 PPMV NATURAL GAS (4) ; PM: (9) ; PM: 0.1 GRAINS/SCF NATURAL GAS (5)	B59.2, C1.23, C1.24, D28.4, D28.5, D381.3, K67.1, K67.7
FURNACE, MELTING, B BILLET, NATURAL GAS, ALUMINUM INGOT, 16 MMBTU/HR WITH A/N: 530842 Permit to Construct Issued: 05/04/12 BURNER, NATURAL GAS, BLOOM ENGINEERING, MODEL 1150+100 ULTRA-LOW NOX REGENERATIVE BURNERS, 16 MMBTU/HR	D95		NOX: LARGE SOURCE**	CO: 2000 PPMV NATURAL GAS (5) ; NOX: 60 PPMV NATURAL GAS (3) ; NOX: 60 PPMV NATURAL GAS (4) ; PM: (9) ; PM: 0.1 GRAINS/SCF NATURAL GAS (5)	B59.2, C1.23, C1.24, D28.4, D28.5, D381.3, K67.1, K67.7
System 3: METAL HOMOGENIZING					

* (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 VISTA METALS CORPORATION

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 2: METAL PROCESSING					
FURNACE, NO. 9, HOMOGENIZING, NATURAL GAS, 12.4 MMBTU/HR WITH A/N: 516522 Permit to Construct Issued: 10/27/11 BURNER, NATURAL GAS, WINNOX, MODEL WX400, 2 TOTAL; 4.9 MMBTU/HR BURNER, NATURAL GAS, WINNOX, MODEL WX100, 2 TOTAL; 1.3 MMBTU/HR	D96		NOX: LARGE SOURCE**	CO: 2000 PPMV NATURAL GAS (5) ; NOX: 45 PPMV NATURAL GAS (3) ; NOX: 50 PPMV NATURAL GAS (4) ; PM: (9) ; PM: 0.1 GRAINS/SCF NATURAL GAS (5)	C1.24, C6.1, D28.4, E147.3, K67.7
HEATER, GOLDCOAST, NATURAL GAS, GOLD COAST, 4 MMBTU/HR WITH A/N: 516523 Permit to Construct Issued: 10/27/11 BURNER, NATURAL GAS, WINNOX, MODEL WX200, 2 TOTAL; 2 MMBTU/HR	D97			CO: 2000 PPMV NATURAL GAS (5) [RULE 407, 4-2-1982]; NOX: 20 PPMV NATURAL GAS (3) [RULE 2012, 5-6-2005]; PM: (9) [RULE 404, 2-7-1986]	C1.24, D28.4, E147.4, K67.7

* (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 VISTA METALS CORPORATION

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 VISTA METALS CORPORATION

SECTION H: DEVICE ID INDEX

Device Index For Section H			
Device ID	Section H Page No.	Process	System
D94	1	2	1
D95	1	2	1
D96	2	2	3
D97	2	2	3

FACILITY PERMIT TO OPERATE VISTA METALS CORPORATION

SECTION H: PERMIT TO CONSTRUCT AND TEMPORARY PERMIT TO OPERATE

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

FACILITY CONDITIONS

F2.1 The operator shall limit emissions from this facility as follows:

CONTAMINANT	EMISSIONS LIMIT	Unit
CO	Less than or equal to 29	TONS IN ANY ONE YEAR

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

SYSTEM CONDITIONS

S28.1 Except for diesel transfers, Phase I vapor recovery systems shall be in full operation whenever fuel is being transferred into storage tanks.

Except for diesel transfers, Phase II vapor recovery systems shall be in full operation whenever fuel is being transferred into motor vehicles, as defined in Rule 461.

All Phase I and Phase II vapor recovery equipment at this facility shall be installed, operated and maintained to meet all California Air Resources Board certification requirements.

[RULE 461, 6-3-2005; RULE 461, BP, Healy, Phase I and II EVR Conditions, 3-7-2008]

[Systems subject to this condition : Process 3, System 0]

DEVICE CONDITIONS

B. Material/Fuel Type Limits

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

FACILITY PERMIT TO OPERATE VISTA METALS CORPORATION

SECTION H: PERMIT TO CONSTRUCT AND TEMPORARY PERMIT TO OPERATE

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

rubber, plastic, paper, rags, oil, grease or similar smoke producing material.

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

[Devices subject to this condition : D94, D95]

C. Throughput or Operating Parameter Limits

C1.23 The operator shall limit the material processed to no more than 2,950 ton(s) in any one month.

For the purpose of this condition, material processed shall be defined as scrap charge including aluminum chips/borings/turnings.

This limit shall be based on the total combined limit for equipment D94,D95.

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 : D94, D95]

C1.24 The operator shall limit the fuel usage to no more than 30985700 cubic feet per month.

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

This limit shall be based on the total combined limit for equipment D60, D66, D69, D94, D95, D96, D97.

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

FACILITY PERMIT TO OPERATE VISTA METALS CORPORATION

SECTION H: PERMIT TO CONSTRUCT AND TEMPORARY PERMIT TO OPERATE

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

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

[Devices subject to this condition : D94, D95, D96, D97]

C6.1 The operator shall use this equipment in such a manner that the temperature being monitored, as indicated below, does not exceed 1200 Deg F.

The operator shall also install and maintain a device to continuously record the parameter being measured.

The measuring device or gauge shall be accurate to within plus or minus 30 Degrees F. It shall be calibrated once every 12 months.

[RULE 2005, 5-6-2005]

[Devices subject to this condition : D96]

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 while the equipment is operating at normal production rate.

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

[RULE 1304(c)-Offset Exemption, 6-14-1996]

[Devices subject to this condition : D94, D95, D96, D97]

D28.5 The operator shall conduct source test(s) in accordance with the following specifications:

FACILITY PERMIT TO OPERATE VISTA METALS CORPORATION

SECTION H: PERMIT TO CONSTRUCT AND TEMPORARY PERMIT TO OPERATE

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

The test shall be conducted to determine PM10 emissions in lbs/ton of material processed.

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

Source test shall be conducted when this equipment is operating at maximum load.

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

[RULE 1304(c)-Offset Exemption, 6-14-1996]

[Devices subject to this condition : D94, D95]

D381.3 The operator shall conduct an inspection for visible emissions from all stacks and other emission points of this equipment whenever there is a public complaint of visible emissions, whenever visible emissions are observed, and on an annual basis, at least, unless the equipment was not operating during the entire twelve month 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]

FACILITY PERMIT TO OPERATE VISTA METALS CORPORATION

SECTION H: PERMIT TO CONSTRUCT AND TEMPORARY PERMIT TO OPERATE

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

[Devices subject to this condition : D94, D95]

E. Equipment Operation/Construction Requirements

E147.3 The operator shall not conduct refining or fluxing in this equipment.

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

[Devices subject to this condition : D96]

E147.4 The operator shall not conduct metal melting operations in this equipment.

[**RULE 1303(a)(1)-BACT, 5-10-1996**; **RULE 1303(a)(1)-BACT, 12-6-2002**; **RULE 1303(b)(2)-Offset, 5-10-1996**; **RULE 1303(b)(2)-Offset, 12-6-2002**]

[Devices subject to this condition : D97]

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):

quantity of materials processed in this equipment

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

[Devices subject to this condition : D94, D95]

K67.7 The operator shall keep records, in a manner approved by the District, for the following parameter(s) or item(s):

FACILITY PERMIT TO OPERATE VISTA METALS CORPORATION

SECTION H: PERMIT TO CONSTRUCT AND TEMPORARY PERMIT TO OPERATE

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

The monthly natural gas usage.

Such record shall be kept for five years and shall be available to District staff upon request.

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

[Devices subject to this condition : D94, D95, D96, D97]