



# South Coast Air Quality Management District

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



November 6, 2009

Mr. Gerardo C. Rios  
Chief, Permits Office  
U.S. EPA Region IX AIR-3  
75 Hawthorne Street  
San Francisco, CA 94105-3901

Dear Mr. Rios:

Subject: Vista Metals Corp (ID 14495) – Title V Permit Revision

Vista Metals Corporation (I. D. No. 14495) has proposed to replace its single-burner homogenizing furnace with a two-zone, two-burner unit for production flexibility, Device D84, Appl. No. 481870. The company is a metal manufacturing facility (SIC 3341) located at 13425 Whittram Avenue, Fontana, CA 92335. The proposed permit revision is considered as a “de minimis significant permit revision” to their Title V permit. Attached for your review are the evaluation and permit for the proposed revision. With your anticipated receipt of the proposed Title V revision today, we will note that EPA’s 45-day review period will begin November 6, 2009. The AQMD is proposing to issue the revised Title V permit after the completion of EPA’s 45-day review period, but no earlier than January 1, 2010.

If you have any questions or need additional information regarding the revision, please call Linda T. Basilio at 909/396-3156.

Sincerely,

Brian L Yeh  
Senior Manager  
Engineering & Compliance Division

BLY:LTB  
Enclosures

 <b>SOUTH COAST AIR QUALITY MANAGEMENT DISTRICT</b>  <i>STATIONARY SOURCE COMPLIANCE DIVISION</i>  <b>APPLICATION PROCESSING AND CALCULATIONS</b>	<b>PAGES</b> 5	<b>PAGE</b> 1
	<b>APPL. NO.</b> 481869/870	<b>DATE</b> 11/5/2009
	<b>PROCESSED BY</b> LTB	<b>CHECKED BY</b>

**COMPANY NAME:** VISTA METALS CORPORATION

**COMPANY ADDRESS:** 13425 WHITTRAM AVE  
FONTANA, CA 92335

**EQUIPMENT LOCATION:** SAME AS ABOVE

**EQUIPMENT DESCRIPTION**

AN 481869 TITLE V PERMIT REVISION

AN 481870 FURNACE, HOMOGENIZING, THORPE TECHNOLOGIES, CONSISTING OF TWO ZONES, EACH FITTED WITH ONE WINNOX NATURAL GAS BURNER, MODEL WX0400, 4.9 MMBTU/HR AND ONE WINNOX NATURAL GAS BURNER, WX0100, 1.3 MMBTU/HR, TOTAL 12.4 MMBTU/HR.

**BACKGROUND**

Vista Metals submitted AN 481870 on April 23, 2008, for a 12.4 MMbtu/hr homogenizing furnace to replace the existing 8 MMBtu/hr furnace, device D23 (AN 383426). The proposed replacement consists of two zones, with two burners totaling 6.2 MMBtu/hr rating for each zone. The company intends to replace existing single burner furnace with two-burner zones for production flexibility, such that the zone can only be operated with two burners when needed.

**PROCESS DESCRIPTION**

Vista Metals' operation consists of melting primary aluminum alloys and scrap aluminum and casting into billets and ingots. After the casting process, the billets are directed into the homogenizing furnace for heat treatment. The homogenizing furnace maintains a constant temperature during the setting process to maintain uniformity of physical properties throughout the billets.

The company is operating six homogenizing furnaces -two of which are rated at 8 MMBtu/hr; one at 16 MMBtu/hr and three at 12.4 MMBtu/hr each. The company is



**SOUTH COAST AIR QUALITY MANAGEMENT DISTRICT**

*STATIONARY SOURCE COMPLIANCE DIVISION*

**APPLICATION PROCESSING AND CALCULATIONS**

PAGES 5	PAGE 2
APPL. NO. 481869/870	DATE 11/5/2009
PROCESSED BY LTE	CHECKED BY

now proposing to replace one of the 8 MMBtu/hr unit with a 12.4 MMBtu/hr unit identical to the units already operating.

**EMISSION CALCULATIONS**

Vista Metals typically operates 10 hrs/day, 6 days/week, 52 weeks per year, however, the company can also operate 24/7 depending on market demand. Emissions from this furnace basically come from natural gas combustion. In an email from Brian Yeh, Senior Manager, dated October 15, 2008, a PTE to PTE approach can be implemented using the provisions of Rule 1306(d)(2) for existing equipment that was permitted under the NSR rule.

Emission factors:

- CO = 35 lb/MMCF
- NOx = 45 PPMV OR 57.6 lb/MMCF
- PM10 = 7.5 lb/MMCF
- ROG = 7 lb/MMCF
- SOx = 0.83 lb/MMCF

The furnace is guaranteed for NOx concentration of less than 45 ppmv with 3% oxygen. BACT for metal heat treating furnace is 50 ppmv. For other pollutants, the District's default emission factors will be used.

$$\begin{aligned} \text{Maximum rating} &= 12.4 \text{ MMBtu/hr} \\ \text{Max. fuel usage} &= \frac{12.4 \times 24 \text{ hrs/day}}{1050 \text{ Btu/cf}} \\ &= 0.2834 \text{ MMCF/day} \end{aligned}$$

In the table below, emissions from a 12.4 MMBtu/hr are calculated to result in increased emissions, especially for NOx and PM10. NOx emission increase is covered under the RECLAIM provisions, however, PM10 has to be offset, which the applicant is not willing to provide ERC for. Applicant would rather choose to be limited in fuel usage equivalent to the rating of the existing unit of 8 MMBtu/hr. Combustion emissions for offset purposes, therefore, will be based on 8 MMBtu/hr.

Maximum emissions based on the maximum firing rate of 12.4 MMBtu/hr.

$$\begin{aligned} \text{PM10 emissions} &= 0.2834 \text{ MMcf/day} \times 7.5 \text{ lb/MMcf} \\ &= 2.126 \text{ lb/day, or } 0.0886 \text{ lb/hr} \end{aligned}$$

 <b>SOUTH COAST AIR QUALITY MANAGEMENT DISTRICT</b>  <b>STATIONARY SOURCE COMPLIANCE DIVISION</b>  <b>APPLICATION PROCESSING AND CALCULATIONS</b>	PAGES 5	PAGE 3
	APPL. NO. 481869/870	DATE 11/5/2009
	PROCESSED BY LTB	CHECKED BY

Offset emissions based on 8 MMBtu/hr rating.

Natural gas consumption =  $\frac{8 \text{ MMBtu/hr} \times 24 \text{ hrs/day}}{1050 \text{ Btu/cf}}$

= 0.182857 MMCF/day, or 5.485 MMCF/month\*

CO emissions = 0.1828 MMCF/day x 35 lb/MMCF

= 6.4 lb/day, or 0.267 lb/hr

Combustion Emissions Between the Existing and New Units

Pollutants	Max. Lb/hr	Max. Lb/day	Average Lb/hr	Average Lb/day
	12.4 MMBtu/hr		8 MMBtu/hr	
CO	0.413	9.92	0.267	6.4
NOx	0.68	16.32	0.438	10.5
PM10	0.089	2.125	0.0572	1.37
ROG	0.0827	1.984	0.0533	1.28
SOX	0.001	0.235	0.0063	0.15

- \*Rule 1304 provides exemption for concurrent facility modification if such modification results in decrease in emissions. Calculated monthly usage is 5.48571 MMcf/month, which is rounded down to 5.485 MMcf/month to qualify for the exemption.

**RULE REVIEW**

**Rule 212 (c) (1):** This section requires a public notice for all new or modified permit units that emit air contaminants located within 1000 feet from the outer boundary of a school.

The nearest school is approximately 1.3 miles (about 6800 ft) from the boundary of the facility, therefore, public notice is not required.

**(c) (2):** This section requires a public notice for all new or modified facilities having onsite emission increases exceeding any of the daily maximums specified in Rule 212(g).

Replacement of the furnace is not expected to result in increased fuel gas consumption, therefore, no increases in emissions. Public notice is not necessary.

 <p style="text-align: center;"><b>SOUTH COAST AIR QUALITY MANAGEMENT DISTRICT</b></p> <p style="text-align: center;"><i>STATIONARY SOURCE COMPLIANCE DIVISION</i></p> <p style="text-align: center;"><b>APPLICATION PROCESSING AND CALCULATIONS</b></p>	PAGES 5	PAGE 4
	APPL. NO. 481869/870	DATE 11/5/2009
	PROCESSED BY LTB	CHECKED BY

(c)(3): This section requires a public notice for all new or modified permit unit with increases in emissions of toxic air contaminants listed in Table I of Rule 1401 resulting in MICR greater than 1E-6 per permit unit or greater than 10E-6 per facility.

The proposed project is not expected to result in increased toxic pollutant emissions, therefore, public notice is not required.

(g): Project emissions. No increase.

**Rule 401** The homogenizing furnace is fired with natural gas. No visible emissions are expected with proper operation of the equipment.

**Rule 402** No nuisance is expected from the homogenizing furnace.

**Rule 404** Particulate emissions are that from fuel gas combustion. No violation on the rule limit is expected with proper operation of the furnace.

**Rule 405** Operation of the homogenizing furnace is not expected to generate solid particulate emissions other than that from fuel combustion.

**Rule 407** Operation of the furnace could generate CO and SOx emissions below the limits of the rule. No violation is expected.

**REG XIII/XX**

**OFFSET:** Replacement of a homogenizing furnace is limited in fuel usage to less than the rating of the replaced unit. As a result, the proposed replacement is considered as "concurrent facility modification" and is exempt from offset requirement pursuant to Rule 1304(c)(2). The new furnace is guaranteed to have NOx concentration less than 50 ppmv. Increase in NOx emission, if any, will be included in the emission allocation under the RECLAIM Rule 2002. No offset is needed.

**BACT:** The new Winnox burners are guaranteed to have NOx concentration of less than 50 ppmv at 3% O2, which meets the BACT requirement of 50 ppmv. There is no BACT limit for CO.

 <p style="text-align: center;"><b>SOUTH COAST AIR QUALITY MANAGEMENT DISTRICT</b></p> <p style="text-align: center;"><i>STATIONARY SOURCE COMPLIANCE DIVISION</i></p> <p style="text-align: center;"><b>APPLICATION PROCESSING AND CALCULATIONS</b></p>	PAGES 5	PAGE 5
	APPL. NO. 481869/870	DATE 11/5/2009
	PROCESSED BY LTB	CHECKED BY

**MODELING** Not required. No increase in emissions is expected.

**DISCUSSION AND CONCLUSION**

Vista Metals is proposing to replace its old homogenizing furnace with a bigger furnace equipped with two zones having two burners each for production flexibility. The furnace meets BACT limit for NOx. According to the manager Brian Yeh's memo dated October 15, 2008, this concurrent facility modification can be evaluated using a PTE-to-PTE methodology since the existing furnace is subject to NSR requirements. Although the maximum firing rate is 12.4 MMBtu/hr, fuel usage will be limited to less than 8 MMBtu/hr, therefore, replacement with a bigger furnace still results in decreased pollutant emissions. Rule 1304( c)(2) provides offset exemption for concurrent facility modification provided that the emissions are reduced. Fuel gas usage is limited to slightly less than the maximum firing rate of the existing furnace, therefore, provisions of Rule 1304(c )(2) is satisfied.

It will be noted that the emission data in District database are based on different emissions factors, which show an increase in CO and decrease in NOx emissions. Since emission calculations are based on 8 MMBtu/hr for both existing and proposed replacement, actual emissions are expected to be decreased due to the slightly lower fuel usage limit for the replacement unit.

**RECOMMENDATION**

It is recommended therefore that application no. 481870 shall be issued permit to construct, and include the device in the Facility Permit with fuel usage limitation.

## 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
<b>Process 2 : METAL PROCESSING</b>					
<b>System 3 : METAL HOMOGENIZING</b>					
FURNACE, NO. 3, HOMOGENIZING, NATURAL GAS, 12.4 MMBTU/HR A/N:	D84		NOX: LARGE SOURCE**	CO: 2000 PPMV NATURAL GAS (5); NOX: 45 PPMV NATURAL GAS (3); NOX: 50 PPMV NATURAL GAS (4); PM: 0.1 GRAINS/SCF NATURAL GAS (5); PM: (9)	C1.22, C6.1, D12.7, D28.4, E71.2, K67.7
<b>Process 3 : FUEL STORAGE AND DISPENSING</b>					
STORAGE TANK, UNDERGROUND, GASOLINE, EQUIPPED WITH PHASE I VAPOR RECOVERY SYSTEM, OPW, VR-102-B/H, 4000 GALS A/N: 481984 Permit to Construct Issued: 10/09/08	D25			VOC: (9) [RULE 461, Bellowsless Conditions, 3-7- 2008; RULE 461, CNI Phase I EVR Conditions, 1-9-2004]	J109.1, J110.1, J373.1
FUEL DISPENSING NOZZLE, BALANCE TYPE PHASE II CONTROL, GASOLINE, EQUIPPED WITH PHAS II VAPOR RECOVERY SYSTEM, WITH VAPOR LOCK BALANCE RECOVERY SYSTEM A/N: 481984 Permit to Construct Issued: 10/09/08	D26			VOC: (9) [RULE 461, Balance Conditions, 1-9-2004; RULE 461, CNI Phase I EVR Conditions, 1-9- 2004]	J109.1, J110.1, J373.1

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

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

**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

<b>Device Index For Section H</b>			
<b>Device ID</b>	<b>Section H Page No.</b>	<b>Process</b>	<b>System</b>
D25	1	3	0
D26	1	3	0
D84	1	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**

**C. Throughput or Operating Parameter Limits**

## 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:

C1.22 The operator shall limit the fuel usage to no more than 5.485E+6 cubic feet in any one calendar month.

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

[Devices subject to this condition : D84]

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 : D84]

#### D. Monitoring/Testing Requirements

D12.7 The operator shall install and maintain a(n) non-resettable totalizing fuel meter to accurately indicate the fuel usage of the homogenizing furnace.

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

[Devices subject to this condition : D84]

## 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:

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

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.

The test shall be conducted according the approved protocol within 90 days of start up and the test data shall be submitted to the District within 45 days of the date of the source test.

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

[Devices subject to this condition : D84]

### E. Equipment Operation/Construction Requirements

E71.2 The operator shall not operate device D23 simultaneously with this equipment except during the first 90 days of start up.

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

[Devices subject to this condition : D84]

### J. Rule 461

J109.1 The operator shall use, except for diesel transfer, the phase I vapor recovery system in full operation whenever this equipment is in use. This system shall be installed, operated and maintained to meet all CARB certification requirements.

[RULE 461, 6-3-2005; RULE 461, 3-7-2008]

[Devices subject to this condition : D25, D26]

## **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:

- J110.1 The operator shall use, except for diesel transfer, the phase II vapor recovery system in full operation whenever gasoline from this equipment is dispensed to motor vehicles as defined in Rule 461. This system shall be installed, operated and maintained to meet all CARB certification requirements.

**[RULE 461, 6-3-2005; RULE 461, 3-7-2008]**

[Devices subject to this condition : D25, D26]

## 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:

J373.1 The operator shall comply with the following gasoline transfer and dispensing requirements:

a) All permit conditions applicable to the equipment described in the previous permit to operate N15933 shall remain in effect until the new or modified equipment is constructed and operated as described in this new permit. This permit to construct/operate shall become invalid if the modification as described in the equipment description has not been completed within one year from the issue date.

If the modification has not been completed within one year from the issue date of the permit, a written request shall be submitted to the AQMD (attention: Randy Matsuyama) to reinstate the previously inactivated permit to operate. A new application shall be filed if there are plans to continue with the modification. Furthermore, this condition does not allow any time extensions to any modifications required by the California Air Resources Board or AQMD.

b). 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.

c). The District at its discretion may wish to witness the installation and/or performance testing of the Healy Phase II EVR system not including ISD. At least seventy-two (72) hours prior to the installation and performance testing of the Healy Phase II EVR system, the applicant shall notify the AQMD at telephone number (866) 770-9140.

d). At least seventy-two (72) hours prior to back-filling any underground storage tank or piping, the SCAQMD shall be notified by e-mail at [r461backfill@aqmd.gov](mailto:r461backfill@aqmd.gov) or by facsimile at telephone number (909) 396-3606. Such notification shall include the name of the owner or operator; the name of the contractors; the location of the facility; and the scheduled start and completion dates of the back-filling procedure. The backfilling procedure shall not commence until inspected by a District representative.

e). New equipment installations and subsequent service and repairs for any certified component for which this permit was issued, shall only be performed by a current and certified person who has successfully completed the manufacturer's training course and appropriate International Code Council (ICC) certification. Completion of any AQMD training course does not substitute for this requirement. Proof of successful completion of any manufacturer training course shall be with the manufacturer.

f). Depending on the system configuration, a leak rate test of drop tube/drain valve assembly shall be conducted to quantify the pressure integrity of the drop tube and drain valve seal or a leak rate test of drop tube overflow prevention device and drain valve shall be conducted to quantify the pressure integrity of the drop tube overflow prevention device and the pressure integrity of the spill container drain valve. Either test shall be conducted as a performance test and as a reverification test.

The test shall be conducted in accordance with test procedure Method TP-201.1C (October 8, 2003) or TP-201.1D (October 8, 2003), respectively. Results shall be submitted to the AQMD, Office of Engineering and Compliance, within seventy-two (72) hours of the test.

g). The Phase II vapor recovery systems shall be installed, operated, and maintained such that the maximum allowable pressure through the system including nozzle, vapor hose, swivels, and underground piping does

## 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:

not exceed the dynamic back pressures described by the California Air Resources Board (CARB) Executive Order by which the system was certified:

Nitrogen Flowrates (CFH)      Dynamic Back Pressure (Inches of Water)

60

0.5

Dynamic back pressure tests shall be conducted to determine the Phase II system vapor recovery back pressure. The tests shall be conducted in accordance with CARB Test Procedure TP-201.4, Methodology 4 and 6 (July 3, 2002); as a performance test. This test shall be one-time test and results shall be kept on site. Results shall be submitted to AQMD, Office of Engineering and Compliance, within seventy-two (72) hours of tests.

h). A leak rate and cracking pressure test of pressure/vacuum relief vent valves shall be conducted within ten days (10) after the start of operation of the OPW Phase I EVR equipment and at least once every three (3) years thereafter to determine the pressure and vacuum at which the pressure/vacuum vent valve actuates, and to determine the volumetric leak rate at a given pressure. The test shall be conducted in accordance with the test procedure Method TP-201.1E (October 8, 2003).

Results shall be submitted to the AQMD, Office of Engineering and Compliance, within seventy-two (72) hours of test. This test result shall be kept on site for five (5) years and be made available to District representative upon request.

i). A static torque test of rotatable Phase I adaptors shall be conducted to quantify the amount of static torque required to start the rotation of the rotatable Phase I adaptors. The test shall be conducted in accordance with test procedure Method TP-201.1B (October 8, 2003) as a performance verification test. Results shall be submitted to the AQMD, Office of Engineering and Compliance, within seventy-two (72) hours of test.

j). A static pressure leak decay test shall be conducted to demonstrate that the storage tanks, the remote and/or nozzle vapor recovery check valves, associated vapor return piping and fittings are free from vapor leaks. The test shall be conducted in accordance with CARB test procedure Method TP-201.3 (March 17, 1999) as a performance test and as a reverification test. Results shall be submitted to the AQMD, Office of Engineering and Compliance, within seventy-two (72) hours of test.

k). A static pressure performance test for the Healy clean air separator using both the vacuum decay procedure and the positive pressure procedure shall be conducted to quantify the vapor tightness of the tank pressure management system. These tests shall be conducted in accordance with Exhibit 4 of CARB Executive Order VR-201-F as a performance test and as a reverification test. Results shall be submitted to the AQMD, Office of Engineering and Compliance within seventy-two (72) hours of test.

l). A vapor to liquid volume ratio test shall be conducted to quantify the vapor to liquid (V/L) volumetric ratio of the Healy clean air separator system. The test shall be conducted in accordance with Exhibit 5 of CARB Executive Order VR-201-F as a performance test and as a reverification test. Results shall be submitted to the AQMD, Office of Engineering and Compliance within seventy-two (72) hours of test.

m). A nozzle bag test shall be conducted on the Healy Phase II EVR nozzles to verify the integrity of the vapor valve. The test shall be conducted on any newly installed or replaced Healy Phase II EVR nozzles and

## 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:

in accordance with Exhibit 7 of CARB Executive Order VR-201-F. Results of the test shall be submitted to the AQMD, Office of Engineering and Compliance within seventy-two (72) hours of test.

n). The static pressure leak decay test TP-201.3, shall be conducted in accordance with Exhibit 8 of CARB Executive Order VR-202-F. Verification of completing each step as outlined shall be documented by submitting a copy of Exhibit 8 to the AQMD, Office of Engineering and Compliance within seventy-two (72) hours of test.

o). A CARB-certified Phase II enhanced vapor recovery system shall be fully permitted, installed and tested by October 1, 2008. Failure to do so by October 1, 2008, shall result in the owner/operator to file for District approval a compliance plan outlining the increments of progress towards completing the installation by April 1, 2009.

p). If the owner/operator plans to permanently cease all gasoline dispensing operations before April 1, 2009, a compliance plan shall be filed declaring to irrevocably surrender their permit to operate.

q). The AQMD shall be notified by email at R461testing@aqmd.gov or by facsimile at telephone no. (909) 396-3606 at least seventy-two (72) hours prior to any of the above-mentioned testing requirements. Such notification shall include the name of the owner or operator; the name of the contractor; location of the facility; and the scheduled start-up and completion dates of the tests to be performed.

r). The testing for the above mentioned tests shall be conducted in accordance with the most recent Rule 461 amendment or CARB Executive Order requirements, whichever is more stringent.

s). All records and test results that are required to be maintained by Rule 461 shall be kept on site for at least five (5) years and be made available to District staff upon request.

t). Should the facility dispense more than 600,000 gallons of gasoline per calendar year and if the facility undergoes a major modification as defined by CARB's Advisory Letter Number 336, "Enhanced Vapor Recovery Implementation Update" dated April 15, 2005; the operator shall immediately cease all gasoline dispensing operations and file an application for a new permit to construct/operate to install a CARB certified ISD system.

Gasoline dispensing operations shall not require until the ISD system has been granted a permit to construct/operate and has been fully installed, tested, and operative.

u). Should the facility dispense more than 600,000 gallons of gasoline in any calendar year and does not undergo a major modification as defined in CARB's advisory letter number 336, "Enhanced Vapor Recovery Implementation Update" dated April 15, 2005, the owner/operator shall file an application for a new permit to install a CARB-certified ISD system. This system shall be fully installed, tested and operative based on the following table:

Gasoline throughput per Calendar Year ----- Date

Greater than 1.8 million ----- September 1, 2009

## 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:

Between 600,000 and 1.8 million gallons ----- September 1, 2010

[RULE 461, 6-3-2005; RULE 461, 3-7-2008]

[Devices subject to this condition : D25, D26]

### **K. Record Keeping/Reporting**

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

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 : D84]