



South Coast Air Quality Management District

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

August 13, 2014

Mr. Kevin Austin
Environmental Engineer
California Steel Industries, Inc.
14000 San Bernardino Avenue
Fontana, CA 92335

SUBJECT: RECLAIM/Title V Facility Permit, I.D. No. 046268

Dear Mr. Austin:

Please find the revised Title Page, Table of Contents, and Section H of your RECLAIM/Title V Facility Permit. The revised sections reflect the approval of the permit revision requested in your Application No. 563565. The proposed revision was submitted to EPA for a 45-day review on June 27, 2014 and EPA completed their review with no comments. The permit revision includes the addition of two Plasma Arc Cutting Machines and their corresponding control equipment, two Dust Collectors.

Equipment	Application No.	Permit Type	Device No.
Plasma Arc Cutter	563564	Permit to Construct	D240
Dust Collector	563566	Permit to Construct	C241
Plasma Arc Cutter	563567	Permit to Construct	D240
Dust Collector	563568	Permit to Construct	C243

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

Very truly yours,

Mohan Balagopalan
Sr. Air Quality Engineering Manager
Mechanical, Chemical and Ports Permitting

MB:mfn
Enclosure

c: Gerardo Rios, EPA Region IX (R9Airpermits_sc@epa.gov)
Cher Synder, Compliance



FACILITY PERMIT TO OPERATE

**CALIFORNIA STEEL INDUSTRIES INC
14000 SAN BERNARDINO 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 CALIFORNIA STEEL INDUSTRIES INC

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FACILITY PERMIT TO OPERATE CALIFORNIA STEEL INDUSTRIES INC

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 11: PIPE MILL					
PLASMA ARC CUTTER, PRIMARY CROPPER, CUSTOM BUILT, MODEL 1500S CUTTING TORCHES, EACH 22.4 KW, 2 TOTAL A/N: 563564 Permit to Construct Issued: 08/13/14	D240	C241			B27.2, C1.30
DUST COLLECTOR, CLEAN AIR TECH, MODEL CPC-100, 1033 SQ.FT.; 24 BAGS A/N: 563566 Permit to Construct Issued: 08/13/14	C241	D240			A72.1, D29.5, D322.3, D381.2, E102.1, H23.6, K67.1
PLASMA ARC CUTTER, REWORK CROPPER, CUSTOM BUILT, MODEL 1500S CUTTING TORCHES, EACH 22.4 KW, 2 TOTAL A/N: 563567 Permit to Construct Issued: 08/13/14	D242	C243			B27.2, C1.30
DUST COLLECTOR, CLEAN AIR TECH, MODEL CPC-100, 1033 SQ.FT.; 24 BAGS A/N: 563568 Permit to Construct Issued: 08/13/14	C243	D242			A72.1, D29.5, D322.3, D381.2, E102.1, H23.6, K67.1

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

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



**FACILITY PERMIT TO OPERATE
CALIFORNIA STEEL INDUSTRIES INC**

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
CALIFORNIA STEEL INDUSTRIES INC**

SECTION H: DEVICE ID INDEX

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C243	1	11	0



FACILITY PERMIT TO OPERATE CALIFORNIA STEEL INDUSTRIES INC

SECTION H: PERMIT TO CONSTRUCT AND TEMPORARY PERMIT TO OPERATE

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

FACILITY CONDITIONS

F10.1 Material(s) that contain the following compound(s) shall not be used in this facility;

0.004 percent or more of arsenic and 0.002 percent or more of cadmium by weight

No scrap other than clean non-ferrous scrap or rerun scrap shall be melted at this facility

[RULE 1407, 7-8-1994]

F14.1 The operator shall not use diesel fuel containing sulfur compounds in excess of 15 ppm by weight as supplied by the supplier.

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

PROCESS CONDITIONS

P28.1 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, 4-6-2012; RULE 461, Balance Conditions, 1-9-2004;
RULE 461, OPW Phase I EVR Conditions, 6-3-2005]

[Processes subject to this condition : 15]



FACILITY PERMIT TO OPERATE CALIFORNIA STEEL INDUSTRIES INC

SECTION H: PERMIT TO CONSTRUCT AND TEMPORARY PERMIT TO OPERATE

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

DEVICE CONDITIONS

A. Emission Limits

A72.1 The operator shall maintain this equipment to achieve a minimum overall control efficiency of 99 percent for PM10 during the normal operation of the equipment it vents.

[RULE 1303(b)(2)-Offset, 5-10-1996; RULE 1303(b)(2)-Offset, 12-6-2002; RULE 1401, 9-10-2010]

[Devices subject to this condition : C241, C243]

B. Material/Fuel Type Limits

B27.2 The operator shall not use materials containing any toxic air contaminants (TACs) identified in the SCAQMD Rule 1401 (except for those compounds listed below), as amended 09/10/2010.

COMPOUND	CAS NO.	Weight %
CHROMIUM	18540-29-9	0.10
COPPER	7440-50-8	0.15
MANGANESE	7439-96-5	1.65
NICKEL	7440-02-0	0.10

[RULE 1401, 9-10-2010]

[Devices subject to this condition : D240, D242]

C. Throughput or Operating Parameter Limits

C1.30 The operator shall limit the throughput to no more than 396 in any one day.



FACILITY PERMIT TO OPERATE CALIFORNIA STEEL INDUSTRIES INC

SECTION H: PERMIT TO CONSTRUCT AND TEMPORARY PERMIT TO OPERATE

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

For the purpose of this condition, throughput shall be defined as carbon steel pipe cut.

The maximum outer diameter of the carbon steel pipe shall not exceed 24 inches.

The thickness of the carbon steel pipe cut shall not exceed 0.75 inches.

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; RULE 1401, 9-10-2010]

[Devices subject to this condition : D240, D242]

D. Monitoring/Testing Requirements

D29.5 The operator shall conduct source test(s) for the pollutant(s) identified below.

Pollutant(s) to be tested	Required Test Method(s)	Averaging Time	Test Location
PM10 emissions	Approved District method	District-approved averaging time	Simultaneous inlet and outlet



FACILITY PERMIT TO OPERATE CALIFORNIA STEEL INDUSTRIES INC

SECTION H: PERMIT TO CONSTRUCT AND TEMPORARY PERMIT TO OPERATE

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

In addition to the source test requirements of Section E of this facility permit, notify the District of the date and time of the test at least 10 days prior to the test.

The test(s) shall be conducted within 90 days after achieving maximum production rate, but no later than 180 cumulative days of operation after initial start-up.

The test shall be conducted during normal production.

Normal production rate will consist of at minimum two different ERW pipe diameters and/or thicknesses.

Notwithstanding the requirements of Section E conditions, the source test results shall be submitted to the District no later than 60 days after the source test was conducted.

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

[Devices subject to this condition : C241, C243]

D322.3 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 : C241, C243]



FACILITY PERMIT TO OPERATE CALIFORNIA STEEL INDUSTRIES INC

SECTION H: PERMIT TO CONSTRUCT AND TEMPORARY PERMIT TO OPERATE

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

D381.2 The operator shall conduct an inspection for visible emissions from all stacks and other emission points of this equipment whenever there is a public complaint of visible emissions, whenever visible emissions are observed, and on 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 : C241, C243]

E. Equipment Operation/Construction Requirements

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

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

[Devices subject to this condition : C241, C243]

H. Applicable Rules

H23.6 This equipment is subject to the applicable requirements of the following rules or regulations:



FACILITY PERMIT TO OPERATE CALIFORNIA STEEL INDUSTRIES INC

SECTION H: PERMIT TO CONSTRUCT AND TEMPORARY PERMIT TO OPERATE

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

Contaminant	Rule	Rule/Subpart
PM10	District Rule	1155

[RULE 1155, 12-4-2009]

[Devices subject to this condition : C241, C243]

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):

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

the date, time and results of the inspection

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

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

[Devices subject to this condition : C241, C243]



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