



South Coast Air Quality Management District

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

October 3, 2012

Mr. Al Bannister
Director of Facilities
Consolidated Foundries - Pomona
P.O. Box 2348
Pomona, CA 91769

Dear Mr. Bannister:

SUBJECT: Title V Facility Permit Revision (Facility ID: 126536)

Please find attached the revised Title Page, Table of Contents, and Section D, of your Title V Facility Permit. The revised sections reflect the approval of the Title V permit amendment requested in your Application No. 540775. The proposed permit revision was submitted to EPA for 45-day review on August 17, 2011. This permit amendment includes the following equipment:

| Equipment | Application Nos. | Permit Type |
|--------------------------------|------------------|-------------|
| Oven | 540770 | PO |
| Oven | 540771 | PO |
| Oven | 540772 | PO |
| Aluminum Melting Furnace No. 1 | 540773 | PO |
| Aluminum Melting Furnace No. 2 | 540774 | PO |

Please review the attached sections carefully. Insert the enclosed sections into your Title V Facility Permit and discard the earlier version. Questions concerning changes to your permit should be directed to Mr. Richard Hawrylew at (909) 396-2657.

Sincerely,

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

BLY:rh:approval
Attachment

cc: Gerardo C. Rios, EPA



FACILITY PERMIT TO OPERATE

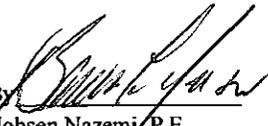
CONSOLIDATED FOUNDRIES - POMONA 4200 W VALLEY BLVD POMONA, CA 91769

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 CONSOLIDATED FOUNDRIES - POMONA

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| C | Facility Plot Plan | TO BE DEVELOPED | |
| D | Facility Description and Equipment Specific Conditions | 7 | 10/02/2012 |
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| F | RECLAIM Monitoring and Source Testing Requirements | 0 | 07/28/2004 |
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| H | Permit To Construct and Temporary Permit to Operate | 0 | 07/28/2004 |
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**FACILITY PERMIT TO OPERATE
CONSOLIDATED FOUNDRIES - POMONA**

**Facility Equipment and Requirements
(Section D)**

This section consists of a table listing all permitted equipment at the facility, facility wide requirements, all individual Permits to Construct and Permits to Operate issued to various equipment at the facility, and Rule 219-exempt equipment subject to source-specific requirements. Each permit and Rule 219-exempt equipment will list operating conditions including periodic monitoring requirements, and applicable emission limits and requirements that the equipment is subject to. Also included is the rule origin and authority of each emission limit and permit condition.



FACILITY PERMIT TO OPERATE CONSOLIDATED FOUNDRIES - POMONA

PERMITTED EQUIPMENT LIST

THE FOLLOWING IS A LIST OF ALL PERMITS TO CONSTRUCT AND PERMITS TO OPERATE AT THIS FACILITY:

| Application number | Permit number | Equipment description |
|--------------------|---------------|--|
| 379880 | F38902 | OVEN, PLASTISOL CURING |
| 379878 | F38900 | OVEN, PLASTISOL CURING |
| 379874 | F38933 | TANK, SURFACE PREPARATION – OTHER ACIDS |
| 379849 | F39209 | SURFACE PREP TANK CONT. CHROMIC ACID |
| 379822 | F39029 | FURNACE CRUCIBLE ALUMINUM |
| 379824 | F39030 | FURNACE CRUCIBLE ALUMINUM |
| 379833 | F38928 | FURNACE CRUCIBLE ALUMINUM |
| 379807 | F38944 | FURNACE CRUCIBLE ALUMINUM |
| 379819 | F38960 | FURNACE CRUCIBLE ALUMINUM |
| 379817 | F38958 | FURNACE CRUCIBLE ALUMINUM |
| 379816 | F38957 | FURNACE CRUCIBLE ALUMINUM |
| 379838 | F38972 | CORE OVEN |
| 379840 | F38974 | CORE OVEN |
| 379839 | F38973 | CORE OVEN |
| 379875 | F38934 | CORE OVEN |
| 379844 | F38979 | CORE OVEN |
| 379843 | F38976 | CORE OVEN |
| 379846 | F38980 | CORE OVEN |
| 379792 | F38654 | AIR FILTER CUSTOM |
| 379826 | F38918 | FOUNDRY SAND BLENDING |
| 379790 | F38652 | CORE OVEN |
| 379783 | F38650 | SAND HANDLING EQUIPMENT FOUNDRY |
| 379784 | F38651 | BAGHOUSE, AMB. TEMP. (>500 SQ FT) |
| 379836 | F38970 | DRY FILTER (<=100 SQ FT) |
| 379835 | F38932 | ABRASIVE BLASTING (CABINET/MACHINE/ROOM) |
| 540771 | G20792 | OVEN, DRYING |
| 540770 | G20791 | OVEN, DRYING |
| 379803 | F39027 | HEAT TREATING FURNACE |
| 379802 | F38939 | HEAT TREATING FURNACE |
| 540772 | G20793 | OVEN, DRYING |
| 379767 | F39045 | TANK CHEMICAL MILLING |
| 379766 | F39046 | TANK CHEMICAL MILLING |
| 379763 | F39048 | SCRUBBER, VENTURI VENTING M.S. |
| 379764 | F39047 | FURNACE REVERB ALUMINUM |
| 379782 | F38643 | SAND CONVEYING |
| 379779 | F39041 | SAND HANDLING EQUIPMENT FOUNDRY |
| 527494 | G17668 | SAND MIXING SYSTEM |
| 379762 | F39049 | SCRUBBER, PARTICULATES VENTING M.S. |
| 379760 | F39050 | SCRUBBER, PARTICULATES VENTING M.S. |
| 379759 | F39058 | SCRUBBER, PARTICULATES VENTING M.S. |



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|--------|----------|---|
| 379758 | F39057 | SCRUBBER, PARTICULATES VENTING M.S. |
| 379757 | F39104 | SCRUBBER, PARTICULATES VENTING M.S. |
| 379752 | F39103 | SCRUBBER, PARTICULATES VENTING M.S. |
| 379751 | F39102 | ABRASIVE BLASTING (CABINET/MACHINE/ROOM) |
| 379750 | F39101 | BAGHOUSE, AMB TEMP (>100-500 SQ FT) |
| 379748 | F39080 | BAGHOUSE, AMB. TEMP. (>500 SQ FT) |
| 379747 | F39077 | BAGHOUSE, AMB. TEMP. (>500 SQ FT) |
| 514161 | G17664 | SAND MIXING SYSTEM, NO. 2 |
| 379739 | F39072 | SAND HANDLING EQUIPMENT SHAKEOUT FOUNDRY |
| 456878 | F84922 | BAGHOUSE, AMB. TEMP. (>500 SQ FT) |
| 514164 | G17665 | SAND MIXING SYSTEM, NO. 3 |
| 456876 | F84921 | BAGHOUSE, AMB TEMP (>100-500 SQ FT) |
| 532905 | G19733 | OVEN, DRYING |
| 379885 | F38905 | SAND HANDLING EQUIPMENT FOUNDRY |
| 379884 | F39491 | SCRUBBER, PARTICULATES VENTING M.S. |
| 540773 | G20794 | FURNACE OTHER MET OPS ALUMINUM |
| 540774 | G20795 | FURNACE OTHER MET OPS ALUMINUM |
| 379895 | F38925 | SPRAY BOOTH, PAINT AND SOLVENT |
| 379896 | F38926 | SPRAY BOOTH, PAINT AND SOLVENT |
| 383372 | F60347 | TANK, NITRIC ACID |
| 514159 | G17663 | SAND MIXING SYSTEM, NO. 1 |
| 436442 | R-F75658 | BAGHOUSE, AMB. TEMP. (<=100 SQ.FT.) |
| 514984 | | FURNACE, CRUCIBLE, ALUMINUM, ELECTRIC |
| 514985 | | FURNACE, CRUCIBLE, ALUMINUM, ELECTRIC |

NOTE: EQUIPMENT LISTED ABOVE THAT HAVE NO CORRESPONDING PERMITS TO OPERATE NUMBER ARE ISSUED PERMITS TO CONSTRUCT. THE ISSUANCE OR DENIAL OF THEIR PERMITS TO OPERATE IS SUBJECT TO ENGINEERING FINAL REVIEW. ANY OTHER APPLICATIONS THAT ARE STILL BEING PROCESSED AND HAVE NOT BEEN ISSUED PERMITS TO CONSTRUCT OR PERMITS TO OPERATE WILL NOT BE FOUND IN THIS TITLE V PERMIT.



FACILITY PERMIT TO OPERATE CONSOLIDATED FOUNDRIES - POMONA

FACILITY WIDE CONDITION(S)

Condition(s):

1. EXCEPT FOR OPEN ABRASIVE BLASTING OPERATIONS, THE OPERATOR SHALL NOT DISCHARGE INTO THE ATMOSPHERE FROM ANY SINGLE SOURCE OF EMISSIONS WHATSOEVER ANY AIR CONTAMINANT FOR A PERIOD OR PERIODS AGGREGATING MORE THAN THREE MINUTES IN ANY ONE HOUR WHICH IS:
 - A. AS DARK OR DARKER IN SHADE AS THAT DESIGNATED NO. 1 ON THE RINGLEMANN CHART, AS PUBLISHED BY THE UNITED STATES BUREAU OF MINES; OR
 - B. OF SUCH OPACITY AS TO OBSCURE AN OBSERVER'S VIEW TO A DEGREE EQUAL TO OR GREATER THAN DOES SMOKE DESCRIBED IN SUBPARAGRAPH (A) OF THIS CONDITION.
[RULE 401]

2. RULE 1407 COMPLIANCE PLAN REQUIREMENTS AS FOLLOWS:
 - A. ONLY MATERIAL TESTING METHODS SPECIFIED BY RULE 1407 OR ALTERNATE TESTING METHODS APPROVED BY THE EXECUTIVE OFFICER SHALL BE USED IN THE DETERMINATION OF COMPLIANCE.
 - I. FOR CADMIUM CONTENT DETERMINATION OF ALUMINUM ALLOYS, THE RULE 1407 METHODS ARE:

ASTM E 227-67 (1982), "STANDARD METHOD FOR OPTICAL EMISSION SPECTROMETRIC ANALYSIS OF ALUMINUM AND ALUMINUM ALLOYS BY THE POINT-TO-PLANE TECHNIQUE".

ASTM E 607-90, "STANDARD METHOD FOR OPTICAL EMISSION SPECTROMETRIC ANALYSIS OF ALUMINUM AND ALUMINUM ALLOYS BY THE POINT-TO-PLANE TECHNIQUE, NITROGEN ATMOSPHERE".

ASTM E 1251-88, "STANDARD METHOD FOR OPTICAL EMISSION SPECTROMETRIC ANALYSIS OF ALUMINUM AND ALUMINUM ALLOYS BY THE ARGON ATMOSPHERE, POINT-TO-PLANE UNIPOLAR SELF-INITIATING CAPACITOR DISCHARGE".
 - II. FOR ARSENIC CONTENT DETERMINATION OF ALUMINUM ALLOYS, THE RULE 1407 METHODS ARE:

US-EPA METHOD 7061 (REVISION 1, DECEMBER 1987), "ARSENIC (ATOMIC ABSORPTION, GASEOUS HYDRIDE)," U.S. EPA TEST METHODS FOR EVALUATING SOLID WASTE PHYSICAL AND CHEMICAL METHODS, FIRST UPDATE (3RD EDITION), JANUARY 1988: EPA/530/SW-846.3-1: PB 89-14876.

SAMPLE DIGESTION SHALL EMPLOY THE HYDROXIDE DIGESTION TECHNIQUE LISTED IN ATTACHMENT A OF RULE 1407.



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- B. ALL RECORDS REQUIRED BY RULE 1407, PARAGRAPH (g)(2), SHALL BE KEPT FOR AT LEAST FIVE YEARS AND MADE AVAILABLE TO DISTRICT PERSONNEL UPON REQUEST. RECORDS SHALL INCLUDE:
- I. THE COMPLIANCE PLAN APPLICATION NUMBER
 - II. RECORDKEEPING AS SPECIFIED IN RULE 1407(g)(2)
- C. THIS FACILITY SHALL ONLY MELT MATERIALS THAT CONTAIN LESS THAN 0.004 PERCENT CADMIUM AND LESS THAN 0.002 PERCENT ARSENIC.
- D. NO SCRAP OTHER THAN CLEAN ALUMINUM SCRAP OR RERUN SCRAP SHALL BE MELTED AT THIS FACILITY.
- E. THE OWNER OR OPERATOR SHALL APPLY FOR AND RECEIVE SCAQMD APPROVAL OF ALL REVISIONS TO THEIR RULE 1407 COMPLIANCE PLAN.
[RULE 1407]
3. ALL RECORDS REQUIRED BY THIS PERMIT SHALL BE PREPARED IN A FORMAT WHICH IS ACCEPTABLE TO THE DISTRICT, RETAINED AT THE FACILITY FOR FIVE YEARS, AND MADE AVAILABLE TO ANY DISTRICT REPRESENTATIVE UPON REQUEST.



**FACILITY PERMIT TO OPERATE
CONSOLIDATED FOUNDRIES - POMONA**

PERMIT TO OPERATE

**Permit No. F38902
A/N 379880**

Equipment Description:

CORE CURING-GASSING CABINET NO. 7, CONSOLIDATED FOUNDRIES, 2'-0" W. X 3'-0" L. X 6'-6 H.

Conditions:

1. OPERATION OF THIS EQUIPMENT MUST BE CONDUCTED IN COMPLIANCE WITH ALL DATA AND SPECIFICATIONS SUBMITTED WITH THE APPLICATION UNDER WHICH THIS PERMIT IS ISSUED UNLESS OTHERWISE NOTED BELOW.
[RULE 204]
2. THIS EQUIPMENT MUST BE PROPERLY MAINTAINED AND KEPT IN GOOD OPERATING CONDITION AT ALL TIMES.
[RULE 204]
3. THIS EQUIPMENT MUST NOT BE OPERATED UNLESS IT IS VENTED ONLY TO AIR POLLUTION CONTROL EQUIPMENT WHICH IS IN FULL USE AND WHICH HAS BEEN ISSUED AN OPERATING PERMIT BY THE EXECUTIVE OFFICER.
[RULE 1303(a)(1)-BACT]



**FACILITY PERMIT TO OPERATE
CONSOLIDATED FOUNDRIES - POMONA**

PERMIT TO OPERATE

**Permit No. F38900
A/N 379878**

Equipment Description:

CORE CURING-GASSING CABINET NO. 8, TELEDYNE CAST PRODUCTS, 2'-0" W. X 3'-0" L. X 6'-6" H.

Conditions:

1. OPERATION OF THIS EQUIPMENT MUST BE CONDUCTED IN COMPLIANCE WITH ALL DATA AND SPECIFICATIONS SUBMITTED WITH THE APPLICATION UNDER WHICH THIS PERMIT IS ISSUED UNLESS OTHERWISE NOTED BELOW.
[RULE 204]
2. THIS EQUIPMENT MUST BE PROPERLY MAINTAINED AND KEPT IN GOOD OPERATING CONDITION AT ALL TIMES.
[RULE 204]
3. THIS EQUIPMENT MUST NOT BE OPERATED UNLESS IT IS VENTED ONLY TO AIR POLLUTION CONTROL EQUIPMENT WHICH IS IN FULL USE AND WHICH HAS BEEN ISSUED AN OPERATING PERMIT BY THE EXECUTIVE OFFICER.
[RULE 1303(a)(1)-BACT]



**FACILITY PERMIT TO OPERATE
CONSOLIDATED FOUNDRIES - POMONA**

PERMIT TO OPERATE

**Permit No. F38933
A/N 379874**

Equipment Description:

1. CLEANING TANK, SULFURIC ACID, 3'-0" W X 6'-0" L X 4'-0" H, AND UNHEATED.
2. ASSOCIATED RINSE TANKS.

Conditions:

1. OPERATION OF THIS EQUIPMENT SHALL BE CONDUCTED IN COMPLIANCE WITH ALL DATA AND SPECIFICATIONS SUBMITTED WITH THE APPLICATION UNDER WHICH THIS PERMIT IS ISSUED UNLESS OTHERWISE NOTED BELOW.
[RULE 204]
2. THIS EQUIPMENT SHALL BE PROPERLY MAINTAINED AND KEPT IN GOOD OPERATING CONDITION AT ALL TIMES.
[RULE 204]
3. SULFURIC ACID PICKLE TANK SHALL NOT BE HEATED.
[RULE 1303(b)(2)-OFFSET]



**FACILITY PERMIT TO OPERATE
CONSOLIDATED FOUNDRIES - POMONA**

PERMIT TO OPERATE

**Permit No. F39209
A/N 379849**

Equipment Description:

- 1 SURFACE PREPARATION TANK, CHROMIC ACID-NITRIC ACID-AMMONIUM BIFLUORIDE, 3'-0" W X 4' -0" H, UNHEATED, AND VENTED TO AN AIR POLLUTION CONTROL EQUIPMENT.
2. ASSOCIATED RINSE TANK.

Conditions:

1. OPERATION OF THIS EQUIPMENT SHALL BE CONDUCTED IN COMPLIANCE WITH ALL DATA AND SPECIFICATIONS SUBMITTED WITH THE APPLICATION UNDER WHICH THIS PERMIT IS ISSUED UNLESS OTHERWISE NOTED BELOW.
[RULE 204]
2. THIS EQUIPMENT SHALL BE PROPERLY MAINTAINED AND KEPT IN GOOD OPERATING CONDITION AT ALL TIMES.
[RULE 204]
3. CHROMIC-NITRIC FLUORIDE-PICKLE (SOLUTION 5) TANK SHALL NOT BE HEATED.
[RULE 1303(b)(2)-OFFSET]
4. THE EQUIPMENT AS SPECIFIED IN THE PERMIT DESCRIPTION SHALL NOT BE OPERATED UNLESS IT IS VENTED TO AIR POLLUTION CONTROL EQUIPMENT WHICH IS IN FULL USE AND WHICH HAS BEEN GRANTED A PERMIT TO OPERATE BY THE EXECUTIVE OFFICER.
[RULE 1303(a)(1)-BACT]



FACILITY PERMIT TO OPERATE CONSOLIDATED FOUNDRIES - POMONA

PERMIT TO OPERATE

Permit No.F39029
A/N 379822

Equipment Description:

FURNACE, ALUMINUM MELTING, CUSTOM MADE, CRUCIBLE TYPE, 2,250,000 BTU PER HOUR NATURAL GAS OR LPG FIRED, 900 POUNDS CAPACITY, AND A 1/2 HP COMBUSTION AIR BLOWER.

Conditions:

1. OPERATION OF THIS EQUIPMENT SHALL BE CONDUCTED IN COMPLIANCE WITH ALL DATA AND SPECIFICATIONS SUBMITTED WITH THE APPLICATION UNDER WHICH THIS PERMIT IS ISSUED UNLESS OTHERWISE NOTIFIED BELOW.
[RULE 204]
2. THIS EQUIPMENT SHALL BE PROPERLY MAINTAINED AND KEPT IN GOOD OPERATING CONDITION AT ALL TIMES.
[RULE 204]
3. METAL CONTAMINATED WITH RUBBER, PLASTICS, PAPER, RAGS, OIL, GREASE, OR SIMILAR SMOKE PRODUCING MATERIAL SHALL, NOT BE CHARGED TO THIS FURNACE.
[RULE 401, 1303(a)(1)-BACT]

Periodic Monitoring:

4. 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 SEMI-ANNUAL BASIS, AT LEAST, UNLESS THE EQUIPMENT DID NOT OPERATE DURING THE ENTIRE SEMI-ANNUAL PERIOD. THE ROUTINE SEMI-ANNUAL 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 EITHER:
 - A. 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;
 - B. 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
 - C. 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:



**FACILITY PERMIT TO OPERATE
CONSOLIDATED FOUNDRIES - POMONA**

- A. STACK OR EMISSION POINT IDENTIFICATION;
- B. DESCRIPTION OF ANY CORRECTIVE ACTIONS TAKEN TO ABATE VISIBLE EMISSIONS;
- C. DATE AND TIME VISIBLE EMISSION WAS ABATED; AND
- D. VISIBLE EMISSION OBSERVATION RECORDED BY A CERTIFIED SMOKE READER.
[RULE 3004 (a)(4)]

Emissions And Requirements:

- 5. THIS EQUIPMENT IS SUBJECT TO THE APPLICABLE REQUIREMENTS OF THE FOLLOWING RULES AND REGULATIONS:

CO: 2000 PPMV, RULE 407
PM: 0.1 GR/SCF, RULE 409
PM: RULE 405, SEE APPENDIX B FOR EMISSION LIMITS



FACILITY PERMIT TO OPERATE CONSOLIDATED FOUNDRIES - POMONA

PERMIT TO OPERATE

Permit No. F39030
A/N 379824

Equipment Description:

FURNACE, ALUMINUM MELTING, CUSTOM MADE, CRUCIBLE TYPE, 2,250,000 BTU PER HOUR NATURAL GAS OR LPG FIRED, 900 POUNDS CAPACITY, AND A 1/2 HP COMBUSTION AIR BLOWER.

Conditions:

1. OPERATION OF THIS EQUIPMENT SHALL BE CONDUCTED IN COMPLIANCE WITH ALL DATA AND SPECIFICATIONS SUBMITTED WITH THE APPLICATION UNDER WHICH THIS PERMIT IS ISSUED UNLESS OTHERWISE NOTED BELOW.
[RULE 204]
2. THIS EQUIPMENT SHALL BE PROPERLY MAINTAINED AND KEPT IN GOOD OPERATING CONDITION AT ALL TIMES.
[RULE 204]
3. METAL CONTAMINATED WITH RUBBER, PLASTICS, PAPER, RAGS, OIL, GREASE, OR SIMILAR SMOKE PRODUCING MATERIAL SHALL NOT BE CHARGED TO THIS FURNACE.
[RULE 401, 1303(a)(1)-BACT]

Periodic Monitoring:

4. 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 SEMI-ANNUAL BASIS, AT LEAST, UNLESS THE EQUIPMENT DID NOT OPERATE DURING THE ENTIRE SEMI-ANNUAL PERIOD. THE ROUTINE SEMI-ANNUAL 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 EITHER:
 - A. 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;
 - B. 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
 - C. 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:



FACILITY PERMIT TO OPERATE CONSOLIDATED FOUNDRIES - POMONA

- A. STACK OR EMISSION POINT IDENTIFICATION;
- B. DESCRIPTION OF ANY CORRECTIVE ACTIONS TAKEN TO ABATE VISIBLE EMISSIONS;
- C. DATE AND TIME VISIBLE EMISSION WAS ABATED; AND
- D. VISIBLE EMISSION OBSERVATION RECORDED BY A CERTIFIED SMOKE READER.
[RULE 3004 (a)(4)]

Emissions And Requirements:

- 5. THIS EQUIPMENT IS SUBJECT TO THE APPLICABLE REQUIREMENTS OF THE FOLLOWING RULES AND REGULATIONS:
 - CO: 2000 PPMV, RULE 407
 - PM: 0.1 GR/SCF, RULE 409
 - PM: RULE 405, SEE APPENDIX B FOR EMISSION LIMITS



**FACILITY PERMIT TO OPERATE
CONSOLIDATED FOUNDRIES - POMONA**

PERMIT TO OPERATE

**Permit No. F38928
A/N 379833**

Equipment Description:

FURNACE, ALUMINUM HOLDING, CUSTOM MADE, CRUCIBLE TYPE, 1,000,000 BTU PER HOUR NATURAL GAS OR LPG FIRED, 600 POUNDS CAPACITY, AND A 1/4 HP COMBUSTION AIR BLOWER.

Conditions:

1. OPERATION OF THIS EQUIPMENT SHALL BE CONDUCTED IN COMPLIANCE WITH ALL DATA AND SPECIFICATIONS SUBMITTED WITH THE APPLICATION UNDER WHICH THIS PERMIT IS ISSUED UNLESS OTHERWISE NOTED BELOW.
[RULE 204]
2. THIS EQUIPMENT SHALL BE PROPERLY MAINTAINED AND KEPT IN GOOD OPERATING CONDITION AT ALL TIMES.
[RULE 204]
3. METAL CONTAMINATED WITH RUBBER, PLASTICS, PAPER, RAGS, OIL, GREASE, OR SIMILAR SMOKE PRODUCING MATERIAL SHALL NOT BE CHARGED TO THIS FURNACE.
[RULE 401, 1303(a)(1)-BACT]

Periodic Monitoring:

4. 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 SEMI-ANNUAL BASIS, AT LEAST, UNLESS THE EQUIPMENT DID NOT OPERATE DURING THE ENTIRE SEMI-ANNUAL PERIOD. THE ROUTINE SEMI-ANNUAL 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 EITHER:
 - A. 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;
 - B. 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
 - C. 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.



**FACILITY PERMIT TO OPERATE
CONSOLIDATED FOUNDRIES - POMONA**

THE OPERATOR SHALL KEEP THE RECORDS IN ACCORDANCE WITH THE RECORDKEEPING REQUIREMENTS IN SECTION K OF THIS PERMIT AND THE FOLLOWING RECORDS:

- A. STACK OR EMISSION POINT IDENTIFICATION;
- B. DESCRIPTION OF ANY CORRECTIVE ACTIONS TAKEN TO ABATE VISIBLE EMISSIONS;
- C. DATE AND TIME VISIBLE EMISSION WAS ABATED; AND
- D. VISIBLE EMISSION OBSERVATION RECORDED BY A CERTIFIED SMOKE READER.
[RULE 3004 (a)(4)]

Emissions And Requirements:

- 5. THIS EQUIPMENT IS SUBJECT TO THE APPLICABLE REQUIREMENTS OF THE FOLLOWING RULES AND REGULATIONS:

CO: 2000 PPMV, RULE 407
PM: 0.1 GR/SCF, RULE 409
PM: RULE 405, SEE APPENDIX B FOR EMISSION LIMITS



FACILITY PERMIT TO OPERATE CONSOLIDATED FOUNDRIES - POMONA

PERMIT TO OPERATE

Permit No. F38944
A/N 379807

Equipment Description:

FURNACE, ALUMINUM HOLDING CUSTOM MADE, CRUCIBLE TYPE, 1,000,000 BTU PER HOUR NATURAL GAS OR LPG FIRED, 300 POUNDS CAPACITY, AND A 1/4 HP COMBUSTION AIR BLOWER.

Conditions:

1. OPERATION OF THIS EQUIPMENT SHALL BE CONDUCTED IN COMPLIANCE WITH ALL DATA AND SPECIFICATIONS SUBMITTED WITH THE APPLICATION UNDER WHICH THIS PERMIT IS ISSUED UNLESS OTHERWISE NOTED BELOW.
[RULE 204]
2. THIS EQUIPMENT SHALL BE PROPERLY MAINTAINED AND KEPT IN GOOD OPERATING CONDITION AT ALL TIMES.
[RULE 204]
3. METAL CONTAMINATED WITH RUBBER, PLASTICS, PAPER, RAGS, OIL, GREASE, OR SIMILAR SMOKE PRODUCING MATERIAL SHALL NOT BE CHARGED TO THIS FURNACE.
[RULE 401, 1303(a)(1)-BACT]

Periodic Monitoring:

4. 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 SEMI-ANNUAL BASIS, AT LEAST, UNLESS THE EQUIPMENT DID NOT OPERATE DURING THE ENTIRE SEMI-ANNUAL PERIOD. THE ROUTINE SEMI-ANNUAL 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 EITHER:
 - A. 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;
 - B. 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
 - C. 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:



**FACILITY PERMIT TO OPERATE
CONSOLIDATED FOUNDRIES - POMONA**

- A. STACK OR EMISSION POINT IDENTIFICATION;
- B. DESCRIPTION OF ANY CORRECTIVE ACTIONS TAKEN TO ABATE VISIBLE EMISSIONS;
- C. DATE AND TIME VISIBLE EMISSION WAS ABATED; AND
- D. VISIBLE EMISSION OBSERVATION RECORDED BY A CERTIFIED SMOKE READER.
[RULE 3004 (a)(4)]

Emissions And Requirements:

- 5. THIS EQUIPMENT IS SUBJECT TO THE APPLICABLE REQUIREMENTS OF THE FOLLOWING RULES AND REGULATIONS:

CO: 2000 PPMV, RULE 407
PM: 0.1 GR/SCF, RULE 409
PM: RULE 405, SEE APPENDIX B FOR EMISSION LIMITS



FACILITY PERMIT TO OPERATE CONSOLIDATED FOUNDRIES - POMONA

PERMIT TO OPERATE

Permit No. F38960
A/N 379819

Equipment Description:

FURNACE, ALUMINUM MELTING, CUSTOM MADE, CRUCIBLE TYPE, 2,250,000 BTU PER HOUR NATURAL GAS OR LPG FIRED, 900 POUNDS CAPACITY, AND A 1/2 HP COMBUSTION AIR BLOWER.

Conditions:

1. OPERATION OF THIS EQUIPMENT SHALL BE CONDUCTED IN COMPLIANCE WITH ALL DATA AND SPECIFICATIONS SUBMITTED WITH THE APPLICATION UNDER WHICH THIS PERMIT IS ISSUED UNLESS OTHERWISE NOTED BELOW.
[RULE 204]
2. THIS EQUIPMENT SHALL BE PROPERLY MAINTAINED AND KEPT IN GOOD OPERATING CONDITION AT ALL TIMES.
[RULE 204]
3. METAL CONTAMINATED WITH RUBBER, PLASTICS, PAPER, RAGS, OIL, GREASE, OR SIMILAR SMOKE PRODUCING MATERIAL SHALL NOT BE CHARGED TO THIS FURNACE.
[RULE 401, 1303(a)(1)-BACT]

Periodic Monitoring:

4. 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 SEMI-ANNUAL BASIS, AT LEAST, UNLESS THE EQUIPMENT DID NOT OPERATE DURING THE ENTIRE SEMI-ANNUAL PERIOD. THE ROUTINE SEMI-ANNUAL 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 EITHER:
 - A. 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;
 - B. 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
 - C. 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:



**FACILITY PERMIT TO OPERATE
CONSOLIDATED FOUNDRIES - POMONA**

- A. STACK OR EMISSION POINT IDENTIFICATION;
- B. DESCRIPTION OF ANY CORRECTIVE ACTIONS TAKEN TO ABATE VISIBLE EMISSIONS;
- C. DATE AND TIME VISIBLE EMISSION WAS ABATED; AND
- D. VISIBLE EMISSION OBSERVATION RECORDED BY A CERTIFIED SMOKE READER.
[RULE 3004 (a)(4)]

Emissions And Requirements:

- 5. THIS EQUIPMENT IS SUBJECT TO THE APPLICABLE REQUIREMENTS OF THE FOLLOWING RULES AND REGULATIONS:

CO: 2000 PPMV, RULE 407
PM: 0.1 GR/SCF, RULE 409
PM: RULE 405, SEE APPENDIX B FOR EMISSION LIMITS



FACILITY PERMIT TO OPERATE CONSOLIDATED FOUNDRIES - POMONA

PERMIT TO OPERATE

Permit No. F38958
A/N 379817

Equipment Description:

FURNACE, ALUMINUM HOLDING, CUSTOM MADE, CRUCIBLE TYPE, 1,000,000 BTU PER HOUR NATURAL GAS OR LPG FIRED, 300 POUNDS CAPACITY, AND A 1/4 HP COMBUSTION AIR BLOWER.

Conditions:

1. OPERATION OF THIS EQUIPMENT SHALL BE CONDUCTED IN COMPLIANCE WITH ALL DATA AND SPECIFICATIONS SUBMITTED WITH THE APPLICATION UNDER WHICH THIS PERMIT IS ISSUED UNLESS OTHERWISE NOTED BELOW.
[RULE 204]
2. THIS EQUIPMENT SHALL BE PROPERLY MAINTAINED AND KEPT IN GOOD OPERATING CONDITION AT ALL TIMES.
[RULE 204]
3. METAL CONTAMINATED WITH RUBBER, PLASTICS, PAPER, RAGS, OIL, GREASE, OR SIMILAR SMOKE PRODUCING MATERIAL SHALL NOT BE CHARGED TO THIS FURNACE.
[RULE 401, 1303(a)(1)-BACT]

Periodic Monitoring:

4. 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 SEMI-ANNUAL BASIS, AT LEAST, UNLESS THE EQUIPMENT DID NOT OPERATE DURING THE ENTIRE SEMI-ANNUAL PERIOD. THE ROUTINE SEMI-ANNUAL 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 EITHER:
 - A. 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;
 - B. 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
 - C. 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:



**FACILITY PERMIT TO OPERATE
CONSOLIDATED FOUNDRIES - POMONA**

- A. STACK OR EMISSION POINT IDENTIFICATION;
- B. DESCRIPTION OF ANY CORRECTIVE ACTIONS TAKEN TO ABATE VISIBLE EMISSIONS;
- C. DATE AND TIME VISIBLE EMISSION WAS ABATED; AND
- D. VISIBLE EMISSION OBSERVATION RECORDED BY A CERTIFIED SMOKE READER.
[RULE 3004 (a)(4)]

Emissions And Requirements:

- 5. THIS EQUIPMENT IS SUBJECT TO THE APPLICABLE REQUIREMENTS OF THE FOLLOWING RULES AND REGULATIONS:

CO: 2000 PPMV, RULE 407
PM: 0.1 GR/SCF, RULE 409
PM: RULE 405, SEE APPENDIX B FOR EMISSION LIMITS



FACILITY PERMIT TO OPERATE CONSOLIDATED FOUNDRIES - POMONA

PERMIT TO OPERATE

Permit No. F38957
A/N 379816

Equipment Description:

FURNACE, ALUMINUM MELTING, CUSTOM MADE, CRUCIBLE TYPE, 2,250,000 BTU PER HOUR NATURAL GAS OR LPG FIRED, 900 POUNDS CAPACITY, AND A 1/2 HP COMBUSTION AIR BLOWER.

Conditions:

1. OPERATION OF THIS EQUIPMENT SHALL BE CONDUCTED IN COMPLIANCE WITH ALL DATA AND SPECIFICATIONS SUBMITTED WITH THE APPLICATION UNDER WHICH THIS PERMIT IS ISSUED UNLESS OTHERWISE NOTED BELOW.
[RULE 204]
2. THIS EQUIPMENT SHALL BE PROPERLY MAINTAINED AND KEPT IN GOOD OPERATING CONDITION AT ALL TIMES.
[RULE 204]
3. METAL CONTAMINATED WITH RUBBER, PLASTICS, PAPER, RAGS, OIL, GREASE, OR SIMILAR SMOKE PRODUCING MATERIAL SHALL NOT BE CHARGED TO THIS FURNACE.
[RULE 401, 1303(a)(1)-BACT]

Periodic Monitoring:

4. 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 SEMI-ANNUAL BASIS, AT LEAST, UNLESS THE EQUIPMENT DID NOT OPERATE DURING THE ENTIRE SEMI-ANNUAL PERIOD. THE ROUTINE SEMI-ANNUAL 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 EITHER:
 - A. 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;
 - B. 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
 - C. 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:



**FACILITY PERMIT TO OPERATE
CONSOLIDATED FOUNDRIES - POMONA**

- A. STACK OR EMISSION POINT IDENTIFICATION;
- B. DESCRIPTION OF ANY CORRECTIVE ACTIONS TAKEN TO ABATE VISIBLE EMISSIONS;
- C. DATE AND TIME VISIBLE EMISSION WAS ABATED; AND
- D. VISIBLE EMISSION OBSERVATION RECORDED BY A CERTIFIED SMOKE READER.
[RULE 3004 (a)(4)]

Emissions And Requirements:

- 5. THIS EQUIPMENT IS SUBJECT TO THE APPLICABLE REQUIREMENTS OF THE FOLLOWING RULES AND REGULATIONS:

CO: 2000 PPMV, RULE 407
PM: 0.1 GR/SCF, RULE 409
PM: RULE 405, SEE APPENDIX B FOR EMISSION LIMITS



**FACILITY PERMIT TO OPERATE
CONSOLIDATED FOUNDRIES - POMONA**

PERMIT TO OPERATE

**Permit No. F38972
A/N 379838**

Equipment Description:

CORE CURING-GASSING CABINET NO. 13, 3'-0"W. X 4'-0" L. X 7'-6" H.

Conditions:

1. OPERATION OF THIS EQUIPMENT SHALL BE CONDUCTED IN COMPLIANCE WITH ALL DATA AND SPECIFICATIONS SUBMITTED WITH THE APPLICATION UNDER WHICH THIS PERMIT IS ISSUED UNLESS OTHERWISE NOTED BELOW.
[RULE 204]
2. THIS EQUIPMENT SHALL BE PROPERLY MAINTAINED AND KEPT IN GOOD OPERATING CONDITION AT ALL TIMES.
[RULE 204]
3. THIS EQUIPMENT SHALL NOT BE OPERATED UNLESS IT IS VENTED ONLY TO AIR POLLUTION CONTROL EQUIPMENT WHICH IS IN FULL USE AND WHICH HAS BEEN ISSUED AN OPERATING PERMIT BY THE EXECUTIVE OFFICER.
[RULE 1303(a)(1)-BACT]



**FACILITY PERMIT TO OPERATE
CONSOLIDATED FOUNDRIES - POMONA**

PERMIT TO OPERATE

**Permit No. F38974
A/N 379840**

Equipment Description:

CORE CURING-GASSING CABINET NO. 14, 3'-0"W. X 4'-0" L. X 7'-6" H.

Conditions:

1. OPERATION OF THIS EQUIPMENT SHALL BE CONDUCTED IN COMPLIANCE WITH ALL DATA AND SPECIFICATIONS SUBMITTED WITH THE APPLICATION UNDER WHICH THIS PERMIT IS ISSUED UNLESS OTHERWISE NOTED BELOW.
[RULE 204]
2. THIS EQUIPMENT SHALL BE PROPERLY MAINTAINED AND KEPT IN GOOD OPERATING CONDITION AT ALL TIMES.
[RULE 204]
3. THIS EQUIPMENT SHALL NOT BE OPERATED UNLESS IT IS VENTED ONLY TO AIR POLLUTION CONTROL EQUIPMENT WHICH IS IN FULL USE AND WHICH HAS BEEN ISSUED AN OPERATING PERMIT BY THE EXECUTIVE OFFICER.
[RULE 1303(a)(1)-BACT]



**FACILITY PERMIT TO OPERATE
CONSOLIDATED FOUNDRIES - POMONA**

PERMIT TO OPERATE

**Permit No. F38973
A/N 379839**

Equipment Description:

CORE CURING-GASSING CABINET NO. 15, 6'-0" W. X 7'-0" L. X 7'-0" H.

Conditions:

1. OPERATION OF THIS EQUIPMENT SHALL BE CONDUCTED IN COMPLIANCE WITH ALL DATA AND SPECIFICATIONS SUBMITTED WITH THE APPLICATION UNDER WHICH THIS PERMIT IS ISSUED UNLESS OTHERWISE NOTED BELOW.
[RULE 204]
2. THIS EQUIPMENT SHALL BE PROPERLY MAINTAINED AND KEPT IN GOOD OPERATING CONDITION AT ALL TIMES.
[RULE 204]
3. THIS EQUIPMENT SHALL NOT BE OPERATED UNLESS IT IS VENTED ONLY TO AIR POLLUTION CONTROL EQUIPMENT WHICH IS IN FULL USE AND WHICH HAS BEEN ISSUED AN OPERATING PERMIT BY THE EXECUTIVE OFFICER.
[RULE 1303(a)(1)-BACT]



FACILITY PERMIT TO OPERATE CONSOLIDATED FOUNDRIES - POMONA

PERMIT TO OPERATE

Permit No. F38934
A/N 379875

Equipment Description:

OVEN, CORE BURN-OUT, 11'-1" W X 15'-10" L X 9'-4" H, 164 KW, ELECTRIC INDUCTION HEATED, WITH TWO 40 H.P. CIRCULATING FANS.

Conditions:

1. OPERATION OF THIS EQUIPMENT SHALL BE CONDUCTED IN COMPLIANCE WITH ALL DATA AND SPECIFICATIONS SUBMITTED WITH THE APPLICATION UNDER WHICH THIS PERMIT IS ISSUED UNLESS OTHERWISE NOTED BELOW.
[RULE 204]
2. THIS EQUIPMENT SHALL BE PROPERLY MAINTAINED AND KEPT IN GOOD OPERATING CONDITION AT ALL TIMES.
[RULE 204]

Periodic Monitoring:

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 A SEMI-ANNUAL BASIS, AT LEAST, UNLESS THE EQUIPMENT DID NOT OPERATE DURING THE ENTIRE SEMI-ANNUAL PERIOD. THE ROUTINE SEMI-ANNUAL 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 EITHER:
 - A. 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;
 - B. 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
 - C. 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:

- A. STACK OR EMISSION POINT IDENTIFICATION;
- B. DESCRIPTION OF ANY CORRECTIVE ACTIONS TAKEN TO ABATE VISIBLE EMISSIONS;
- C. DATE AND TIME VISIBLE EMISSION WAS ABATED; AND



**FACILITY PERMIT TO OPERATE
CONSOLIDATED FOUNDRIES - POMONA**

D. VISIBLE EMISSION OBSERVATION RECORDED BY A CERTIFIED SMOKE READER.
[RULE 3004 (a)(4)]

Emissions And Requirements:

4. THIS EQUIPMENT IS SUBJECT TO THE APPLICABLE REQUIREMENTS OF THE FOLLOWING RULES AND REGULATIONS:

PM: RULE 405, SEE APPENDIX B FOR EMISSION LIMITS



**FACILITY PERMIT TO OPERATE
CONSOLIDATED FOUNDRIES - POMONA**

PERMIT TO OPERATE

**Permit No. F38979
A/N 379844**

Equipment Description:

CORE CURING-GASSING CABINET NO. 1, GAYLORD FOUNDRIES, MODEL LCC-G75T, 3'-0" W. X 2'-0" D. X 8'-0" H. OUTSIDE DIMENSIONS WITH A REDFORD AIR-TRIETHYLAMINE MIXER.

Conditions:

1. OPERATION OF THIS EQUIPMENT SHALL BE CONDUCTED IN COMPLIANCE WITH ALL DATA AND SPECIFICATIONS SUBMITTED WITH THE APPLICATION UNDER WHICH THIS PERMIT IS ISSUED UNLESS OTHERWISE NOTED BELOW.
[RULE 204]
2. THIS EQUIPMENT SHALL BE PROPERLY MAINTAINED AND KEPT IN GOOD OPERATING CONDITION AT ALL TIMES.
[RULE 204]
3. THIS EQUIPMENT SHALL NOT BE OPERATED UNLESS IT IS VENTED ONLY TO AIR POLLUTION CONTROL EQUIPMENT WHICH IS IN FULL USE AND WHICH HAS BEEN ISSUED AN OPERATING PERMIT BY THE EXECUTIVE OFFICER.
[RULE 1303(a)(1)-BACT]



**FACILITY PERMIT TO OPERATE
CONSOLIDATED FOUNDRIES - POMONA**

PERMIT TO OPERATE

**Permit No. F38976
A/N 379843**

Equipment Description:

CORE CURING-GASSING CABINET NO. 4, GAYLORD FOUNDRIES, MODEL LCC-G75T, 3'-0" W. X 2'-0" D. X 8'-0" H. OUTSIDE DIMENSIONS WITH A REDFORD AIR-TRIETHYLAMINE MIXER.

Conditions:

1. OPERATION OF THIS EQUIPMENT SHALL BE CONDUCTED IN COMPLIANCE WITH ALL DATA AND SPECIFICATIONS SUBMITTED WITH THE APPLICATION UNDER WHICH THIS PERMIT IS ISSUED UNLESS OTHERWISE NOTED BELOW.
[RULE 204]
2. THIS EQUIPMENT SHALL BE PROPERLY MAINTAINED AND KEPT IN GOOD OPERATING CONDITION AT ALL TIMES.
[RULE 204]
3. THIS EQUIPMENT SHALL NOT BE OPERATED UNLESS IT IS VENTED ONLY TO AIR POLLUTION CONTROL EQUIPMENT WHICH IS IN FULL USE AND WHICH HAS BEEN ISSUED AN OPERATING PERMIT BY THE EXECUTIVE OFFICER.
[RULE 1303(a)(1)-BACT]



**FACILITY PERMIT TO OPERATE
CONSOLIDATED FOUNDRIES - POMONA**

PERMIT TO OPERATE

**Permit No. F38980
A/N 379846**

Equipment Description:

CORE CURING-GASSING CABINET NO. 6, 6'-8" W X 10'-0" D X 10'-0" H OUTSIDE DIMENSIONS WITH A REDFORD AIR-TRIETHYLAMINE MIXER.

Conditions:

1. OPERATION OF THIS EQUIPMENT SHALL BE CONDUCTED IN COMPLIANCE WITH ALL DATA AND SPECIFICATIONS SUBMITTED WITH THE APPLICATION UNDER WHICH THIS PERMIT IS ISSUED UNLESS OTHERWISE NOTED BELOW.
[RULE 204]
2. THIS EQUIPMENT SHALL BE PROPERLY MAINTAINED AND KEPT IN GOOD OPERATING CONDITION AT ALL TIMES.
[RULE 204]
3. THIS EQUIPMENT SHALL NOT BE OPERATED UNLESS IT IS VENTED ONLY TO AIR POLLUTION CONTROL EQUIPMENT WHICH IS IN FULL USE AND WHICH HAS BEEN ISSUED AN OPERATING PERMIT BY THE EXECUTIVE OFFICER.
[RULE 1303(a)(1)-BACT]



FACILITY PERMIT TO OPERATE CONSOLIDATED FOUNDRIES - POMONA

PERMIT TO OPERATE

Permit No. F38654
A/N 379792

Equipment Description:

CARBON DEPOSITION SYSTEM CONSISTING OF:

1. ACETYLENE TORCH.
2. FILTER, AERCOLOGY, MODEL FDV-30, 2' -0" W. X 3' -4" L. X 7' -5" H., WITH A PREFILTER, A CARBON TRAY, A MIST IMPINGER, A PRIMARY VEE BAG AIR FILTER, AND A 2 HP BLOWER VENTING AN ACETYLENE TORCH.

Conditions:

- 1 OPERATION OF THIS EQUIPMENT SHALL BE CONDUCTED IN COMPLIANCE WITH ALL DATA AND SPECIFICATIONS SUBMITTED WITH THE APPLICATION UNDER WHICH THIS PERMIT IS ISSUED UNLESS OTHERWISE NOTED BELOW.
[RULE 204]
2. THIS EQUIPMENT SHALL BE PROPERLY MAINTAINED AND KEPT IN GOOD OPERATING CONDITION AT ALL TIMES.
[RULE 204]

Periodic Monitoring:

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 DID NOT OPERATE DURING THE ENTIRE ANNUAL PERIOD. THE ROUTINE ANNUAL 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 EITHER:
 - A. 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;
 - B. 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
 - C. 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



FACILITY PERMIT TO OPERATE CONSOLIDATED FOUNDRIES - POMONA

REQUIREMENTS IN SECTION K OF THIS PERMIT AND THE FOLLOWING RECORDS:

- A. STACK OR EMISSION POINT IDENTIFICATION;
- B. DESCRIPTION OF ANY CORRECTIVE ACTIONS TAKEN TO ABATE VISIBLE EMISSIONS;
- C. DATE AND TIME VISIBLE EMISSION WAS ABATED; AND
- D. VISIBLE EMISSION OBSERVATION RECORDED BY A CERTIFIED SMOKE READER.
[RULE 3004 (a)(4)]

Emissions And Requirements:

- 4. THIS EQUIPMENT IS SUBJECT TO THE APPLICABLE REQUIREMENTS OF THE FOLLOWING RULES AND REGULATIONS:

PM: RULE 405, SEE APPENDIX B FOR EMISSION LIMITS



**FACILITY PERMIT TO OPERATE
CONSOLIDATED FOUNDRIES - POMONA**

PERMIT TO OPERATE

**Permit No. F38918
A/N 379826**

Equipment Description:

SAND MIXING SYSTEM CONSISTING OF:

1. FEED BIN, 1100 POUNDS CAPACITY.
2. MIXER, OMCO, MODEL MSI, SERIAL NO. 89M1001, 7.5-HP, 66 POUNDS CAPACITY, WITH TWO 1/3-HP BINDER FEED PUMPS.

Conditions:

1. OPERATION OF THIS EQUIPMENT SHALL BE CONDUCTED IN COMPLIANCE WITH ALL DATA AND SPECIFICATIONS SUBMITTED WITH THE APPLICATION UNDER WHICH THIS PERMIT IS ISSUED UNLESS OTHERWISE NOTED BELOW.
[RULE 204]
2. THIS EQUIPMENT SHALL BE PROPERTY MAINTAINED AND KEPT IN GOOD OPERATING CONDITION AT ALL TIMES.
[RULE 204]
3. THE TOTAL QUANTITY OF SAND USED IN THE MIXING SYSTEM SHALL NOT EXCEED 12,000 POUNDS PER DAY.
[RULE 1303(b)(2)-OFFSET]
4. THE TOTAL QUANTITY OF BINDER USED IN THE MIXING SYSTEM SHALL NOT EXCEED 84 POUNDS PER DAY.
[RULE 1303(b)(2)-OFFSET]
5. A DAILY LOG LISTING THE HOURLY AMOUNT OF SAND AND BINDER, IN POUNDS, SHALL BE KEPT. THE LOG SHALL BE MAINTAINED ON FILE FOR A MINIMUM OF FIVE YEARS AND MADE AVAILABLE TO DISTRICT PERSONNEL UPON REQUEST.
[RULE 1303(b)(2)-OFFSET]

Periodic Monitoring:

6. 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 DID NOT OPERATE DURING THE ENTIRE ANNUAL PERIOD. THE ROUTINE ANNUAL 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 EITHER:



FACILITY PERMIT TO OPERATE CONSOLIDATED FOUNDRIES - POMONA

- A. 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;
- B. 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
- C. 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:

- A. STACK OR EMISSION POINT IDENTIFICATION;
 - B. DESCRIPTION OF ANY CORRECTIVE ACTIONS TAKEN TO ABATE VISIBLE EMISSIONS;
 - C. DATE AND TIME VISIBLE EMISSION WAS ABATED; AND
 - D. VISIBLE EMISSION OBSERVATION RECORDED BY A CERTIFIED SMOKE READER.
- [RULE 3004 (a)(4)]

Emissions And Requirements:

7. THIS EQUIPMENT IS SUBJECT TO THE APPLICABLE REQUIREMENTS OF THE FOLLOWING RULES AND REGULATIONS:

PM: RULE 405, SEE APPENDIX B FOR EMISSION LIMITS



FACILITY PERMIT TO OPERATE CONSOLIDATED FOUNDRIES - POMONA

PERMIT TO OPERATE

Permit No. F38652
A/N 379790

Equipment Description:

OVEN, CORE BURN-OUT, PACIFIC KILN, 9'-2" W. X 9'-4" L. X 4'-10" H., WITH 66.8 KW ELECTRIC ELEMENTS AND A 5 HP CIRCULATING FAN.

Conditions:

1. OPERATION OF THIS EQUIPMENT SHALL BE CONDUCTED IN COMPLIANCE WITH ALL DATA AND SPECIFICATIONS SUBMITTED WITH THE APPLICATION UNDER WHICH THIS PERMIT ISSUED UNLESS OTHERWISE NOTED BELOW.
[RULE 204]
2. THIS EQUIPMENT SHALL BE PROPERLY MAINTAINED AND KEPT IN GOOD OPERATING CONDITION AT ALL TIMES.
[RULE 204]

Periodic Monitoring:

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 A SEMI-ANNUAL BASIS, AT LEAST, UNLESS THE EQUIPMENT DID NOT OPERATE DURING THE ENTIRE SEMI-ANNUAL PERIOD. THE ROUTINE SEMI-ANNUAL 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 EITHER:
 - A. 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;
 - B. 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
 - C. 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:

- A. STACK OR EMISSION POINT IDENTIFICATION;
- B. DESCRIPTION OF ANY CORRECTIVE ACTIONS TAKEN TO ABATE VISIBLE EMISSIONS;
- C. DATE AND TIME VISIBLE EMISSION WAS ABATED; AND



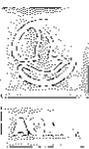
**FACILITY PERMIT TO OPERATE
CONSOLIDATED FOUNDRIES - POMONA**

D. VISIBLE EMISSION OBSERVATION RECORDED BY A CERTIFIED SMOKE READER.
[RULE 3004 (a)(4)]

Emissions And Requirements:

4. THIS EQUIPMENT IS SUBJECT TO THE APPLICABLE REQUIREMENTS OF THE FOLLOWING RULES AND REGULATIONS:

PM: RULE 405, SEE APPENDIX B FOR EMISSION LIMITS



FACILITY PERMIT TO OPERATE CONSOLIDATED FOUNDRIES - POMONA

PERMIT TO OPERATE

Permit No. F38650
A/N 379783

Equipment Description:

FOUNDRY SAND RECLAMATION SYSTEM CONSISTING OF:

1. BUCKET ELEVATOR, ¼-HP.
2. SURGE BIN, 5'-6" W. X 5'-6" L. X 8'-1" H., 6-TON CAPACITY.
3. SCREW CONVEYOR, 1-HP.
4. MAGNETIC SEPARATOR, ½-HP.
5. THERMO-SCRUBBER, GMD, MODEL 103.00, WITH 3,900,000 BTU PER HOUR NATURAL GAS OR LPG BURNER, 30-HP COMBUSTION AIR BLOWER, 15-HP FLUIDIZING BLOWER, AND A RECUPERATOR.
6. SAND COOLER, FLUIDIZED BED TYPE, 15-HP, WITH COOLING TOWER, AND 2-HP RECIRCULATING WATER PUMP.
7. PNEUMATIC CONVEYOR PLANT AIR OPERATED.

Conditions:

1. OPERATION OF THIS EQUIPMENT SHALL BE CONDUCTED IN COMPLIANCE WITH ALL DATA AND SPECIFICATIONS SUBMITTED WITH THE APPLICATION UNDER WHICH THIS PERMIT IS ISSUED UNLESS OTHERWISE NOTED BELOW.
[RULE 204]
2. THIS EQUIPMENT SHALL BE PROPERLY MAINTAINED AND KEPT IN GOOD OPERATING CONDITION AT ALL TIMES.
[RULE 204]
3. THIS EQUIPMENT SHALL NOT BE OPERATED UNLESS THE BUCKET ELEVATOR, SURGE BIN, MAGNETIC SEPARATOR, TWO CONVEYORS, THERMO-SCRUBBER, AND SAND COOLER ARE VENTED ONLY TO AIR POLLUTION CONTROL EQUIPMENT WHICH IS IN FULL USE AND WHICH HAS BEEN ISSUED A PERMIT TO OPERATE BY THE EXECUTIVE OFFICER.
[RULE 1303(a)(1)-BACT]
4. THE TOTAL WEIGHT OF SAND CHARGED TO THIS SAND RECLAMATION SYSTEM SHALL NOT EXCEED 72 TONS PER DAY.
[RULE 1303(b)(2)-OFFSET]



FACILITY PERMIT TO OPERATE CONSOLIDATED FOUNDRIES - POMONA

5. A DAILY LOG LISTING THE AMOUNT, IN POUNDS OF SAND CHARGED TO THIS SAND RECLAMATION SYSTEM, SHALL BE KEPT AND MAINTAINED ON FILE FOR A MINIMUM PERIOD OF TWO YEARS AND MADE AVAILABLE TO DISTRICT PERSONNEL UPON REQUEST.
[RULE 1303(b)(2)-OFFSET]

Periodic Monitoring:

6. 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 DID NOT OPERATE DURING THE ENTIRE ANNUAL PERIOD. THE ROUTINE ANNUAL 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 EITHER:
- A. 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;
 - B. 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
 - C. 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:

- A. STACK OR EMISSION POINT IDENTIFICATION;
 - B. DESCRIPTION OF ANY CORRECTIVE ACTIONS TAKEN TO ABATE VISIBLE EMISSIONS;
 - C. DATE AND TIME VISIBLE EMISSION WAS ABATED; AND
 - D. VISIBLE EMISSION OBSERVATION RECORDED BY A CERTIFIED SMOKE READER.
- [RULE 3004 (a)(4)]

Emissions And Requirements:

7. THIS EQUIPMENT IS SUBJECT TO THE APPLICABLE REQUIREMENTS OF THE FOLLOWING RULES AND REGULATIONS:

PM: RULE 405, SEE APPENDIX B FOR EMISSION LIMITS



FACILITY PERMIT TO OPERATE CONSOLIDATED FOUNDRIES - POMONA

PERMIT TO OPERATE

Permit No. F38651
A/N 379784

Equipment Description:

AIR POLLUTION CONTROL SYSTEM CONSISTING OF:

1. BAGHOUSE, GMD, MODEL NO. 225-10-6 RA, 10'-4" W. X 13'- 8" L., X 31'-6" H., WITH 225 BAGS, 6" DIA. X 10'-0" L. EACH, REVERSE PULSE CLEANING, AND ROTARY AIR LOCK 3/4- HP.
2. EXHAUST SYSTEM WITH 40-HP BLOWER VENTING A BUCKET ELEVATOR, A SURGE BIN, A MAGNETIC SEPARATOR, TWO CONVEYORS, A THERMO-SCRUBBER AND A SAND COOLER.

Conditions:

1. OPERATION OF THIS EQUIPMENT SHALL BE CONDUCTED IN COMPLIANCE WITH ALL DATA AND SPECIFICATIONS SUBMITTED WITH THE APPLICATION UNDER WHICH THIS PERMIT IS ISSUED UNLESS OTHERWISE NOTED BELOW.
[RULE 204]
2. THIS EQUIPMENT SHALL BE PROPERLY MAINTAINED AND KEPT IN GOOD OPERATING CONDITION AT ALL TIMES.
[RULE 204]
3. A MECHANICAL GAUGE SHALL BE INSTALLED AS TO INDICATE, IN INCHES WATER COLUMN, THE STATIC PRESSURE DIFFERENTIAL ACROSS THE BAGS.
[RULE 1303(a)(1)-BACT]
4. DUSTS COLLECTED IN THE DUST COLLECTOR SHALL BE DISCHARGED ONLY INTO CLOSED CONTAINERS.
[RULE 401, 1303(a)(1)-BACT]

Periodic Monitoring:

5. THE OPERATOR SHALL PERFORM AN ANNUAL INSPECTION OF THE EQUIPMENT AND FILTER MEDIA FOR LEAKS, BROKEN OR TORN FILTER MEDIA AND IMPROPERLY INSTALLED FILTER MEDIA. 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 RESULTING FROM THE INSPECTION.[RULE 3004 (a)(4)]
6. THE OPERATOR SHALL CONDUCT AN INSPECTION FOR VISIBLE EMISSIONS FROM ALL STACKS



FACILITY PERMIT TO OPERATE CONSOLIDATED FOUNDRIES - POMONA

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:

- A. STACK OR EMISSION POINT IDENTIFICATION;
- B. DESCRIPTION OF ANY CORRECTIVE ACTIONS TAKEN TO ABATE VISIBLE EMISSIONS; AND
- C. DATE AND TIME VISIBLE EMISSION WAS ABATED.

[RULE 3004 (a)(4)]

Emissions And Requirements:

7. THIS EQUIPMENT IS SUBJECT TO THE APPLICABLE REQUIREMENTS OF THE FOLLOWING RULES AND REGULATIONS:

PM: RULE 404, SEE APPENDIX B FOR EMISSION LIMITS



FACILITY PERMIT TO OPERATE CONSOLIDATED FOUNDRIES - POMONA

PERMIT TO OPERATE

Permit No. F38970
A/N 379836

Equipment Description:

AIR POLLUTION CONTROL DEVICE CONSISTING OF:

1. DUST COLLECTOR, TORIT, NO. 1, MODEL TD 486, CARTRIDGE TYPE; 2'-6" W. X 2'-6" L. X 10'-9.5" H., WITH NINE FILTER CARTRIDGES, 486 SQ. FT. OF FILTER AREA AND A PULSE JET CLEANING SYSTEM.
2. EXHAUST SYSTEM WITH A 3-H.P. BLOWER VENTING AN ABRASIVE BLASTING MACHINE.

Conditions:

1. OPERATION OF THIS EQUIPMENT SHALL BE CONDUCTED IN COMPLIANCE WITH ALL DATA AND SPECIFICATIONS SUBMITTED WITH THE APPLICATION UNDER WHICH THIS PERMIT IS ISSUED UNLESS OTHERWISE NOTED BELOW.
[RULE 204]
2. THIS EQUIPMENT SHALL BE PROPERLY MAINTAINED AND KEPT IN GOOD OPERATING CONDITION AT ALL TIMES.
[RULE 204]
3. DUST COLLECTED IN THE BAGHOUSE SHALL BE DISCHARGED ONLY INTO CLOSED CONTAINERS.
[RULE 401, 1303(a)(1)-BACT]
4. A MECHANICAL GAUGE MUST BE INSTALLED AND MAINTAINED SO AS TO INDICATE, IN INCHES WATER MINIMUM, THE STATIC PRESSURE DIFFERENTIAL ACROSS THE BAGS.
[RULE 1303(a)(1)-BACT]

Periodic Monitoring:

5. THE OPERATOR SHALL PERFORM AN ANNUAL INSPECTION OF THE EQUIPMENT AND FILTER MEDIA FOR LEAKS, BROKEN OR TORN FILTER MEDIA AND IMPROPERLY INSTALLED FILTER MEDIA. 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 RESULTING FROM THE INSPECTION.[RULE 3004 (a)(4)]
6. THE OPERATOR SHALL CONDUCT AN INSPECTION FOR VISIBLE EMISSIONS FROM ALL STACKS



FACILITY PERMIT TO OPERATE CONSOLIDATED FOUNDRIES - POMONA

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 DID NOT OPERATE DURING THE ENTIRE ANNUAL PERIOD. THE ROUTINE ANNUAL 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:

- A. STACK OR EMISSION POINT IDENTIFICATION;
- B. DESCRIPTION OF ANY CORRECTIVE ACTIONS TAKEN TO ABATE VISIBLE EMISSIONS; AND
- C. DATE AND TIME VISIBLE EMISSION WAS ABATED.

[RULE 3004 (a)(4)]

Emissions And Requirements:

7. THIS EQUIPMENT IS SUBJECT TO THE APPLICABLE REQUIREMENTS OF THE FOLLOWING RULES AND REGULATIONS:

PM: RULE 404, SEE APPENDIX B FOR EMISSION LIMITS



**FACILITY PERMIT TO OPERATE
CONSOLIDATED FOUNDRIES - POMONA**

PERMIT TO OPERATE

**Permit No. F38932
A/N 379835**

Equipment Description:

ABRASIVE BLASTING MACHINE, VIKING CORPORATION, SWEDEBRATOR, NO. 1, MODEL 301, 4'-0" W. X 3'-0" L. X 6'-8" H., WITH ONE 10 H.P. IMPELLER AND ONE ABRASIVE POT, 500 LB CAPACITY.

Conditions:

1. OPERATION OF THIS EQUIPMENT SHALL BE CONDUCTED IN COMPLIANCE WITH ALL DATA AND SPECIFICATIONS SUBMITTED WITH THE APPLICATION UNDER WHICH THIS PERMIT IS ISSUED UNLESS OTHERWISE NOTED BELOW.
[RULE 204]
2. THIS EQUIPMENT SHALL BE PROPERLY MAINTAINED AND KEPT IN GOOD OPERATING CONDITION AT ALL TIMES.
[RULE 204]
3. THIS EQUIPMENT SHALL NOT BE OPERATED UNLESS IT IS VENTED ONLY TO AIR POLLUTION CONTROL EQUIPMENT WHICH IS IN FULL USE AND WHICH HAS BEEN ISSUED A PERMIT TO CONSTRUCT/OPERATE BY THE EXECUTIVE OFFICER.
[RULE 1303(a)(1)-BACT]

Periodic Monitoring:

4. 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 DID NOT OPERATE DURING THE ENTIRE ANNUAL PERIOD. THE ROUTINE ANNUAL 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 EITHER:
 - A. 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;
 - B. 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
 - C. 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



FACILITY PERMIT TO OPERATE CONSOLIDATED FOUNDRIES - POMONA

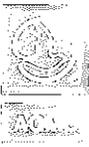
REQUIREMENTS IN SECTION K OF THIS PERMIT AND THE FOLLOWING RECORDS:

- A. STACK OR EMISSION POINT IDENTIFICATION;
- B. DESCRIPTION OF ANY CORRECTIVE ACTIONS TAKEN TO ABATE VISIBLE EMISSIONS;
- C. DATE AND TIME VISIBLE EMISSION WAS ABATED; AND
- D. VISIBLE EMISSION OBSERVATION RECORDED BY A CERTIFIED SMOKE READER.
[RULE 3004 (a)(4)]

Emissions And Requirements:

- 5. THIS EQUIPMENT IS SUBJECT TO THE APPLICABLE REQUIREMENTS OF THE FOLLOWING RULES AND REGULATIONS:

PM: RULE 405, SEE APPENDIX B FOR EMISSION LIMITS
PM: RULE 1140, SEE APPENDIX B FOR EMISSION LIMITS



**FACILITY PERMIT TO OPERATE
CONSOLIDATED FOUNDRIES - POMONA**

PERMIT TO CONSTRUCT/OPERATE

**Permit No. G20792
A/N 540771**

Equipment Description:

WARMING OVEN, DISPATCH OVEN CO., SPECIAL "S" TYPE, 8'-1" W. X 14'-0" L. X 6'-10" H. (INTERNAL DIMENSIONS), 100-KW ELECTRIC HEATER, WITH A 10-H.P. CIRCULATING BLOWER, AND 1-H.P. EXHAUST BLOWER.

Conditions

1. OPERATION OF THIS EQUIPMENT SHALL BE CONDUCTED IN COMPLIANCE WITH ALL DATA AND SPECIFICATIONS SUBMITTED WITH THE APPLICATION UNDER WHICH THIS PERMIT IS ISSUED UNLESS OTHERWISE NOTED BELOW.
[RULE 204]
2. THIS EQUIPMENT SHALL BE PROPERLY MAINTAINED AND KEPT IN GOOD OPERATING CONDITION AT ALL TIMES.
[RULE 204]
3. THIS OVEN SHALL BE USED ONLY TO REMOVE THE MOISTURE FROM THE CORES.
[RULE 1303(b)(2)-OFFSET]
4. A TEMPERATURE GAUGE, INDICATING DEGREES FAHRENHEIT, SHALL BE INSTALLED AND MAINTAINED IN THIS EQUIPMENT TO MEASURE THE TEMPERATURE OF THE OVEN CHAMBER. THE SCALE ON THE GAGE SHALL NOT EXCEED 1,050 DEGREES FAHRENHEIT.
[RULE 401]
5. THE TEMPERATURE OF THE OVEN CHAMBER SHALL NOT EXCEED 350 DEGREES FAHRENHEIT.
[RULE 401]

Emissions And Requirements:

6. THIS EQUIPMENT IS SUBJECT TO THE APPLICABLE REQUIREMENTS OF THE FOLLOWING RULES AND REGULATIONS:

PM: 0.1 GR/SCF, RULE 409

PM: RULE 405, SEE APPENDIX B FOR EMISSION LIMITS



**FACILITY PERMIT TO OPERATE
CONSOLIDATED FOUNDRIES - POMONA**

PERMIT TO CONSTRUCT/OPERATE

**Permit No. G20791
A/N 540770**

Equipment Description:

WARMING OVEN, DESPATCH OVEN CO., SPECIAL "S" TYPE, 8'-1" W. X 14'-0" L. X 6'-10" H. (INTERNAL DIMENSIONS), 100-KW ELECTRIC HEATER, WITH A 10-H.P. CIRCULATING BLOWER, AND 1-H.P. EXHAUST BLOWER.

Conditions

1. OPERATION OF THIS EQUIPMENT SHALL BE CONDUCTED IN COMPLIANCE WITH ALL DATA AND SPECIFICATIONS SUBMITTED WITH THE APPLICATION UNDER WHICH THIS PERMIT IS ISSUED UNLESS OTHERWISE NOTED BELOW.
[RULE 204]
2. THIS EQUIPMENT SHALL BE PROPERLY MAINTAINED AND KEPT IN GOOD OPERATING CONDITION AT ALL TIMES.
[RULE 204]
3. THIS OVEN SHALL BE USED ONLY TO REMOVE THE MOISTURE FROM THE CORES.
[RULE 1303(b)(2)-OFFSET]
4. A TEMPERATURE GAUGE, INDICATING DEGREES FAHRENHEIT, SHALL BE INSTALLED AND MAINTAINED IN THIS EQUIPMENT TO MEASURE THE TEMPERATURE OF THE OVEN CHAMBER. THE SCALE ON THE GAGE SHALL NOT EXCEED 1,050 DEGREES FAHRENHEIT.
[RULE 401]
5. THE TEMPERATURE OF THE OVEN CHAMBER SHALL NOT EXCEED 350 DEGREES FAHRENHEIT.
[RULE 401]

Emissions And Requirements:

6. THIS EQUIPMENT IS SUBJECT TO THE APPLICABLE REQUIREMENTS OF THE FOLLOWING RULES AND REGULATIONS:

PM: 0.1 GR/SCF, RULE 409
PM: RULE 405, SEE APPENDIX B FOR EMISSION LIMITS



**FACILITY PERMIT TO OPERATE
CONSOLIDATED FOUNDRIES - POMONA**

PERMIT TO OPERATE

**Permit No. F39027
A/N 379803**

Equipment Description:

FURNACE, HEAT TREATING, NATIONAL FURNACE, MODEL NO. GFCB, SERIAL NO. 2780, 13'-3" W. X 16'-4" L. X 10'-3" H., WITH FOUR NATURAL GAS OR LPG BURNERS 3,550,000 BTU PER HOUR TOTAL, A 2-HP COMBUSTION AIR BLOWER, AND THREE 15-HP CIRCULATING FANS.

Conditions:

1. OPERATION OF THIS EQUIPMENT SHALL BE CONDUCTED IN ACCORDANCE WITH ALL DATA AND SPECIFICATIONS SUBMITTED WITH THE APPLICATION UNDER WHICH THIS PERMIT IS ISSUED UNLESS OTHERWISE NOTED BELOW.
[RULE 204]
2. THIS EQUIPMENT SHALL BE PROPERLY MAINTAINED AND KEPT IN GOOD OPERATING CONDITION AT ALL TIMES.
[RULE 204]
3. METAL CONTAMINATED WITH RUBBER, PLASTICS, PAPER, RAGS, OIL, GREASE OR SIMILAR SMOKE PRODUCING MATERIAL SHALL NOT BE CHARGED TO THIS FURNACE.
[RULE 401, 1303(a)(1)-BACT]
4. LPG SHALL NOT BE FIRED IN THE FURNACE EXCEPT DURING NATURAL GAS CURTAILMENT PERIODS.
[RULE 1303(a)(1)-BACT]

Emissions And Requirements:

5. THIS EQUIPMENT IS SUBJECT TO THE APPLICABLE REQUIREMENTS OF THE FOLLOWING RULES AND REGULATIONS:

CO: 2000 PPMV, RULE 407
PM: 0.1 GR/SCF, RULE 409
PM: RULE 404, SEE APPENDIX B FOR EMISSION LIMITS



**FACILITY PERMIT TO OPERATE
CONSOLIDATED FOUNDRIES - POMONA**

PERMIT TO OPERATE

**Permit No. F38939
A/N 379802**

Equipment Description:

FURNACE, HEAT TREATING, NATIONAL FURNACE, MODEL NO. GFCB, SERIAL NO. 2781, 13'-3" W. X 16'-4" L. X 10'-3" H., WITH FOUR NATURAL GAS OR LPG BURNERS 3,550,000 BTU PER HOUR TOTAL, A 2-HP COMBUSTION AIR BLOWER, AND THREE 15-HP CIRCULATING FANS.

Conditions:

1. OPERATION OF THIS EQUIPMENT SHALL BE CONDUCTED IN ACCORDANCE WITH ALL DATA AND SPECIFICATIONS SUBMITTED WITH THE APPLICATION UNDER WHICH THIS PERMIT IS ISSUED UNLESS OTHERWISE NOTED BELOW.
[RULE 204]
2. THIS EQUIPMENT SHALL BE PROPERLY MAINTAINED AND KEPT IN GOOD OPERATING CONDITION AT ALL TIMES.
[RULE 204]
3. METAL CONTAMINATED WITH RUBBER, PLASTICS, PAPER, RAGS, OIL, GREASE OR SIMILAR SMOKE PRODUCING MATERIAL SHALL NOT BE CHARGED TO THIS FURNACE.
[RULE 401, 1303(a)(1)-BACT]
4. LPG SHALL NOT BE FIRED IN THE FURNACE EXCEPT DURING NATURAL GAS CURTAILMENT PERIODS.
[RULE 1303(a)(1)-BACT]

Emissions And Requirements:

5. THIS EQUIPMENT IS SUBJECT TO THE APPLICABLE REQUIREMENTS OF THE FOLLOWING RULES AND REGULATIONS:

CO: 2000 PPMV, RULE 407
PM: 0.1 GR/SCF, RULE 409
PM: RULE 405, SEE APPENDIX B FOR EMISSION LIMITS



**FACILITY PERMIT TO OPERATE
CONSOLIDATED FOUNDRIES - POMONA**

PERMIT TO CONSTRUCT/OPERATE

**Permit No. G20793
A/N 540772**

Equipment Description:

OVEN, CORE BURN-OUT, MICHIGAN OVEN COMPANY, 20'-6" W. X 21'-4" L. X 21'-0" H., 4 MMBTU/HR NATURAL GAS FIRED, ECLIPSE, MODEL WX0400, LOW NOX BURNER, WITH A 5-HP COMBUSTION AIR BLOWER, TWO 15-HP CIRCULATING FANS, AND A 3-HP EXHAUST BLOWER.

Conditions:

1. OPERATION OF THIS EQUIPMENT SHALL BE CONDUCTED IN ACCORDANCE WITH ALL DATA AND SPECIFICATIONS SUBMITTED WITH THE APPLICATION UNDER WHICH THIS PERMIT IS ISSUED UNLESS OTHERWISE NOTED BELOW.
[RULE 204]
2. THIS EQUIPMENT SHALL BE PROPERLY MAINTAINED AND KEPT IN GOOD OPERATING CONDITION AT ALL TIMES.
[RULE 204]
3. NATURAL GAS SUPPLIED TO THE OVEN SHALL NOT EXCEED 2.07 MMCF PER MONTH.
[RULE 1303(b)(2)-OFFSET]
4. A FLOW METER, INDICATING IN CUBIC FEET OF NATURAL GAS, SHALL BE MAINTAINED IN THE NATURAL GAS SUPPLY LINE TO THE OVEN.
[RULE 1303(b)(2)-OFFSET]
5. A DAILY LOG LISTING THE GAS CONSUMPTION, IN CUBIC FEET, SHALL BE KEPT. THE LOG SHALL BE MAINTAINED ON FILE FOR A MINIMUM OF FIVE YEARS AND MADE AVAILABLE TO DISTRICT PERSONNEL UPON REQUEST.
[RULE 1303(b)(2)-OFFSET]
6. THE NOX EMISSIONS FROM THE OPERATION OF THIS EQUIPMENT SHALL NOT EXCEED 30 PPMV AT 3 PERCENT OXYGEN.
[RULE 1303(a)(1)-BACT, RULE 1147]
7. THE OPERATOR SHALL CONDUCT SOURCE TEST(S) IN ACCORDANCE WITH THE FOLLOWING SPECIFICATIONS:
 - A. THE TEST(S) SHALL BE CONDUCTED AS REQUIRED BY RULE 1147.
 - B. THE TEST(S) SHALL BE CONDUCTED TO DETERMINE NOX AND CO EMISSIONS AT THE OUTLET.
 - C. THE TEST PROTOCOL(S) SHALL BE APPROVED BY THE DISTRICT PRIOR TO THE TEST(S).
 - D. THE TEST PROTOCOL(S) AND TEST REPORT(S) SHALL BE SUBMITTED TO THE DISTRICT FOR REVIEW AND APPROVAL, TO THE FOLLOWING ADDRESS:
SCAQMD, P.O. BOX 4941, DIAMOND BAR, CA 91765[RULE 1147]



FACILITY PERMIT TO OPERATE CONSOLIDATED FOUNDRIES - POMONA

8. THE OPERATOR SHALL PROVIDE TO THE DISTRICT A SOURCE TEST REPORT IN ACCORDANCE WITH THE FOLLOWING SPECIFICATIONS:
- A. TEST RESULTS, THAT VALIDATE COMPLIANCE WITH THE ALTERNATE COMPLIANCE PLAN UNDER RULE 1147, INCLUDING CO EMISSIONS, SHALL BE PROVIDED TO THE DISTRICT NO LATER THAN DECEMBER 31, 2012.
 - B. EMISSION DATA SHALL BE EXPRESSED, IN ADDITION TO RULE 1147 REQUIREMENTS, AS FOLLOWS:
 - i. ALL MOISTURE CONCENTRATION SHALL BE EXPRESSED IN TERMS OF PERCENT CORRECTED TO 3% OXYGEN, DRY BASIS.
 - ii. EXHAUST FLOW RATE SHALL BE EXPRESSED IN DRY STANDARD CUBIC FEET PER MINUTE (DSCFM) AND DRY ACTUAL CUBIC FEET PER MINUTE (DACFM).
 - iii. EMISSION DATA SHALL ALSO BE EXPRESSED IN TERMS OF LBS/MMCF OF NATURAL GAS

[RULE 1147]

Periodic Monitoring:

9. 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 SEMI-ANNUAL BASIS, AT LEAST, UNLESS THE EQUIPMENT DID NOT OPERATE DURING THE ENTIRE SEMI-ANNUAL PERIOD. THE ROUTINE SEMI-ANNUAL 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 EITHER:
- A. 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;
 - B. 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
 - C. 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:

- A. STACK OR EMISSION POINT IDENTIFICATION;
- B. DESCRIPTION OF ANY CORRECTIVE ACTIONS TAKEN TO ABATE VISIBLE EMISSIONS;
- C. DATE AND TIME VISIBLE EMISSION WAS ABATED; AND
- D. VISIBLE EMISSION OBSERVATION RECORDED BY A CERTIFIED SMOKE READER.

[RULE 3004 (a)(4)]



FACILITY PERMIT TO OPERATE CONSOLIDATED FOUNDRIES - POMONA

Emissions And Requirements:

10. THIS EQUIPMENT IS SUBJECT TO THE APPLICABLE REQUIREMENTS OF THE FOLLOWING RULES AND REGULATIONS:

CO: 2000 PPMV, RULE 407

NOx: 30 PPMV, RULE 1147

PM: 0.1 GR/SCF, RULE 409

PM: RULE 405, SEE APPENDIX B FOR EMISSION LIMITS



**FACILITY PERMIT TO OPERATE
CONSOLIDATED FOUNDRIES - POMONA**

PERMIT TO OPERATE

**Permit No. F39045
A/N 379767**

Equipment Description:

ALUMINUM CASTING ETCHING LINE CONSISTING OF:

1. TANK, ALKALINE, 4'-0" W. X 8'-0" L. X 4'-0" H., 897 GALLONS CAPACITY, 15 K.W. ELECTRICALLY HEATED.
2. TANK, DILUTE CHROMIC ACID (DEOX/DESMUT), 4'-0" W. X 8'-0" L. X 4'-0" H.

Conditions:

1. OPERATION OF THIS EQUIPMENT SHALL BE CONDUCTED IN ACCORDANCE WITH ALL DATA AND SPECIFICATIONS SUBMITTED WITH THE APPLICATION UNDER WHICH THIS PERMIT IS ISSUED UNLESS OTHERWISE NOTED BELOW.
[RULE 204]
2. THIS EQUIPMENT SHALL BE PROPERLY MAINTAINED AND KEPT IN GOOD OPERATING CONDITION AT ALL TIMES.
[RULE 204]
3. THIS EQUIPMENT SHALL NOT BE OPERATED UNLESS IT IS VENTED ONLY TO AN AIR POLLUTION CONTROL DEVICE WHICH IS IN FULL USE AND WHICH HAS BEEN GRANTED A PERMIT TO OPERATE BY THE EXECUTIVE OFFICER.
[RULE 1303(a)(1)-BACT]



**FACILITY PERMIT TO OPERATE
CONSOLIDATED FOUNDRIES - POMONA**

PERMIT TO OPERATE

**Permit No. F39046
A/N 379766**

Equipment Description:

TANK, HYDROCHLORIC ACID, 4'-0" W X 8'-0" L X 4'-0" H, 897 GALLONS CAPACITY..

Conditions:

1. OPERATION OF THIS EQUIPMENT SHALL BE CONDUCTED IN ACCORDANCE WITH ALL DATA AND SPECIFICATIONS SUBMITTED WITH THE APPLICATION UNDER WHICH THIS PERMIT IS ISSUED UNLESS OTHERWISE NOTED BELOW.
[RULE 204]
2. THIS EQUIPMENT SHALL BE PROPERLY MAINTAINED AND KEPT IN GOOD OPERATING CONDITION AT ALL TIMES.
[RULE 204]
3. THIS EQUIPMENT SHALL NOT BE OPERATED UNLESS IT IS VENTED ONLY TO AN AIR POLLUTION CONTROL DEVICE WHICH IS IN FULL USE AND WHICH HAS BEEN GRANTED A PERMIT TO OPERATE BY THE EXECUTIVE OFFICER.
[RULE 1303(a)(1)-BACT]



**FACILITY PERMIT TO OPERATE
CONSOLIDATED FOUNDRIES - POMONA**

PERMIT TO OPERATE

**Permit No. F39048
A/N 379763**

Equipment Description:

AIR POLLUTION CONTROL SYSTEM CONSISTING OF:

1. SCRUBBER, KEMP, HORIZONTAL PACKED TYPE, 6'-6.5" W. X 15'-1" L, X 6'-6.5" H. OVERALL, WITH TWO RECIRCULATION PUMPS, 2 HP. AND 3/4 HP.
2. EXHAUST SYSTEM WITH A 15 HP. BLOWER VENTING A HYDROCHLORIC ACID MILLING TANK, AN ALUMINUM ETCHING LINE (ALKALINE ETCHING TANK AND DEOX/DESMUT SOLUTION TANK), AND A SOLUTION 5 (CHROMIC- NITRIC-FLUORIDE PICKLE) TANK.

Conditions:

1. OPERATION OF THIS EQUIPMENT SHALL BE CONDUCTED IN ACCORDANCE WITH ALL DATA AND SPECIFICATIONS SUBMITTED WITH THE APPLICATION UNDER WHICH THIS PERMIT IS ISSUED UNLESS OTHERWISE NOTED BELOW.
[RULE 204]
2. THIS EQUIPMENT SHALL BE PROPERLY MAINTAINED AND KEPT IN GOOD OPERATING CONDITION AT ALL TIMES.
[RULE 204]
3. NOT LESS THAN 61 GALLONS PER MINUTE OF SCRUBBING SOLUTION SHALL BE SUPPLIED TO THE SCRUBBER WHEN THE EQUIPMENT IT SERVES IS IN OPERATION.
[RULE 1303(a)(1)-BACT]
4. A FLOWMETER, INDICATING GALLONS PER MINUTE (GPM), SHALL BE MAINTAINED IN THE FRESH MAKE-UP WATER SUPPLY LINE TO THE SCRUBBER.
[RULE 1303(a)(1)-BACT]
5. A FLOWMETER, INDICATING GALLONS PER MINUTE (GPM), AND A PRESSURE GAUGE, INDICATING POUNDS PER SQUARE INCH GAUGE (PSIG), SHALL BE MAINTAINED IN THE SCRUBBING SOLUTION LINE TO THE SCRUBBER.
[RULE 1303(a)(1)-BACT]
6. THE pH INDICATOR-CONTROLLER SHALL BE MAINTAINED IN THE SUMP NEAR THE RECIRCULATING PUMP INLET. NaOH SOLUTION SHALL BE INJECTED AT THE OPPOSITE END OF THE SUMP FROM THE RECIRCULATING PUMP.
[RULE 1303(a)(1)-BACT]
7. THE pH OF THE SCRUBBING SOLUTION SHALL BE MAINTAINED AT 6-9.
[RULE 1303(a)(1)-BACT]
8. THE OPERATOR SHALL USE THIS EQUIPMENT IN SUCH A MANNER THAT THE PRESSURE



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ACROSS THE SCRUBBER IS NOT LESS THAN 1 INCHES WATER COLUMN. TO COMPLY WITH THIS CONDITION THE OPERATOR SHALL INSTALL AND MAINTAIN A DIFFERENTIAL PRESSURE GAUGE TO ACCURATELY INDICATE THE DIFFERENTIAL PRESSURE ACROSS THE SCRUBBER. THE OPERATOR SHALL DETERMINE AND RECORD THE PARAMETER BEING MONITORED ONCE EVERY DAY.

[RULE 1469, 3004(a)(4)]

9. A DAILY LOG LISTING THE pH OF THE SCRUBBING SOLUTION SHALL BE MAINTAINED FOR A MINIMUM OF FIVE YEARS AND MADE AVAILABLE TO DISTRICT PERSONNEL UPON REQUEST.
[RULE 1303(a)(1)-BACT]

Emissions And Requirements:

10. THIS EQUIPMENT IS SUBJECT TO THE APPLICABLE REQUIREMENTS OF THE FOLLOWING RULES AND REGULATIONS:

PM: RULE 404, SEE APPENDIX B FOR EMISSION LIMITS



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PERMIT TO OPERATE

Permit No. F39047
A/N 379764

Equipment Description:

FURNACE NO. 3, ALUMINUM MELTING, PYRO SYSTEMS, MODEL NO. 300 MRH, REVERBERATORY, 2500 POUND CAPACITY, 600,000 BTU PER HOUR, NATURAL GAS OR LPG FIRED, WITH A 1 HP. COMBUSTION AIR BLOWER.

Conditions:

1. OPERATION OF THIS EQUIPMENT SHALL BE CONDUCTED IN ACCORDANCE WITH ALL DATA AND SPECIFICATIONS SUBMITTED WITH THE APPLICATION UNDER WHICH THIS PERMIT IS ISSUED UNLESS OTHERWISE NOTED BELOW.
[RULE 204]
2. THIS EQUIPMENT SHALL BE PROPERLY MAINTAINED AND KEPT IN GOOD OPERATING CONDITION AT ALL TIMES.
[RULE 204]
3. THIS FURNACE SHALL NOT BE FIRED ON LPG UNLESS THERE IS A NATURAL GAS CURTAILMENT.
[RULE 1303(a)(1)-BACT]
4. MATERIALS CHARGED TO THIS FURNACE SHALL NOT EXCEED 66 TONS IN ANY ONE CALENDAR MONTH.
[RULE 1303(b)(2)-OFFSET]
5. A DAILY LOG INDICATING THE TOTAL WEIGHT, IN TONS, OF MATERIALS CHARGED TO THIS FURNACE SHALL BE KEPT. THIS LOG SHALL BE MAINTAINED FOR A MINIMUM OF FIVE YEARS AND MADE AVAILABLE TO DISTRICT PERSONNEL UPON REQUEST.
[RULE 1303(b)(2)-OFFSET]
6. FLUORIDES, CHLORINE, OR ALUMINUM CHLORIDE SHALL NOT BE USED IN THIS FURNACE.
[RULE 1303(a)(1)-BACT]
7. FLUXING AND REFINING SHALL NOT BE CONDUCTED IN THIS FURNACE.
[RULE 1303(a)(1)-BACT]
8. METAL CONTAMINATED WITH RUBBER, PLASTICS, PAPER, RAGS, OIL, GREASE, OR SIMILAR SMOKE PRODUCING MATERIAL SHALL NOT BE CHARGED TO THIS FURNACE.
[RULE 401, 1303(a)(1)-BACT]

Periodic Monitoring:

9. THE OPERATOR SHALL CONDUCT AN INSPECTION FOR VISIBLE EMISSIONS FROM ALL STACKS



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AND OTHER EMISSION POINTS OF THIS EQUIPMENT WHENEVER THERE IS A PUBLIC COMPLAINT OF VISIBLE EMISSIONS, WHENEVER VISIBLE EMISSIONS ARE OBSERVED, AND ON A SEMI-ANNUAL BASIS, AT LEAST, UNLESS THE EQUIPMENT DID NOT OPERATE DURING THE ENTIRE SEMI-ANNUAL PERIOD. THE ROUTINE SEMI-ANNUAL 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 EITHER:

- A. 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;
- B. 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
- C. 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:

- A. STACK OR EMISSION POINT IDENTIFICATION;
 - B. DESCRIPTION OF ANY CORRECTIVE ACTIONS TAKEN TO ABATE VISIBLE EMISSIONS;
 - C. DATE AND TIME VISIBLE EMISSION WAS ABATED; AND
 - D. VISIBLE EMISSION OBSERVATION RECORDED BY A CERTIFIED SMOKE READER.
- [RULE 3004 (a)(4)]

Emissions And Requirements:

10. THIS EQUIPMENT IS SUBJECT TO THE APPLICABLE REQUIREMENTS OF THE FOLLOWING RULES AND REGULATIONS:

CO: 2000 PPMV, RULE 407
PM: 0.1 GR/SCF, RULE 409
PM: RULE 405, SEE APPENDIX B FOR EMISSION LIMITS



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PERMIT TO OPERATE

Permit No. F38643
A/N 379782

Equipment Description:

SAND BLENDING SYSTEM CONSISTING OF:

1. FEED BIN, 9'-0" W. X 6'-10" L. X 6'-10" H., 12 TONS CAPACITY, WITH A FILTER VENT AND A 1 H.P. ELEVATOR.
2. HOPPER, 1 CUBIC FOOT CAPACITY, WITH A FILTER VENT, 1/8 H.P.
3. MIXER, DEPENDABLE FOUNDRY, MODEL 300 SA, 4'-0" W. X 8'-4" L. X 8'-0" H., WITH TWO 2 H.P. PRIMARY IMPELLERS, A 7-1/2 H.P. IMPELLER, AND THREE 1/2 H.P. PUMPS.

Conditions:

1. OPERATION OF THIS EQUIPMENT SHALL BE CONDUCTED IN COMPLIANCE WITH ALL DATA AND SPECIFICATIONS SUBMITTED WITH THE APPLICATION UNDER WHICH THIS PERMIT IS ISSUED UNLESS OTHERWISE NOTED BELOW.
[RULE 204]
2. THIS EQUIPMENT SHALL BE PROPERLY MAINTAINED AND KEPT IN GOOD OPERATING CONDITION AT ALL TIMES.
[RULE 204]
3. AMOUNT OF SAND PROCESSED BY THIS EQUIPMENT SHALL NOT EXCEED 264,000 POUNDS IN ANY ONE CALENDAR MONTH.
[RULE 1303(b)(2)-OFFSET]
4. AMOUNT OF BINDER USED SHALL NOT EXCEED 0.7 WEIGHT PERCENT OF SAND PROCESSED BY THIS EQUIPMENT.
[RULE 1303(b)(2)-OFFSET]
5. A DAILY LOG LISTING THE AMOUNT OF SAND PROCESSED BY THIS EQUIPMENT, IN POUNDS, AND THE AMOUNT OF BINDER USED, IN POUNDS, SHALL BE KEPT. THE LOG SHALL BE MAINTAINED ON FILE FOR A MINIMUM PERIOD OF FIVE YEARS AND MADE AVAILABLE TO DISTRICT PERSONNEL UPON REQUEST.
[RULE 1303(b)(2)-OFFSET]
6. THE SAND RESIDENCE (MIXING) TIME SETTING SHALL NOT EXCEED 60 SECONDS.
[RULE 1303(b)(2)-OFFSET]

Periodic Monitoring:

7. THE OPERATOR SHALL CONDUCT AN INSPECTION FOR VISIBLE EMISSIONS FROM ALL STACKS AND OTHER EMISSION POINTS OF THIS EQUIPMENT WHENEVER THERE IS A PUBLIC



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COMPLAINT OF VISIBLE EMISSIONS, WHENEVER VISIBLE EMISSIONS ARE OBSERVED, AND ON AN ANNUAL BASIS, AT LEAST, UNLESS THE EQUIPMENT DID NOT OPERATE DURING THE ENTIRE ANNUAL PERIOD. THE ROUTINE ANNUAL 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 EITHER:

- D. 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;
- E. 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
- F. 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:

- E. STACK OR EMISSION POINT IDENTIFICATION;
- F. DESCRIPTION OF ANY CORRECTIVE ACTIONS TAKEN TO ABATE VISIBLE EMISSIONS;
- G. DATE AND TIME VISIBLE EMISSION WAS ABATED; AND
- H. VISIBLE EMISSION OBSERVATION RECORDED BY A CERTIFIED SMOKE READER.
[RULE 3004 (a)(4)]

Emissions And Requirements:

- 8. THIS EQUIPMENT IS SUBJECT TO THE APPLICABLE REQUIREMENTS OF THE FOLLOWING RULES AND REGULATIONS:
 - PM: RULE 404, SEE APPENDIX B FOR EMISSION LIMITS
 - PM: RULE 405, SEE APPENDIX B FOR EMISSION LIMITS



**FACILITY PERMIT TO OPERATE
CONSOLIDATED FOUNDRIES - POMONA**

PERMIT TO OPERATE

**Permit No. F39041
A/N 379779**

Equipment Description:

CORE BLOWING MACHINE, CHM MANUFACTURING COMPANY, ROTARY 5 POSITION TYPE, MODEL CS-00183, 6'-4" DIA. X 6'-2" H., WITH A 15 HP HYDRAULIC DRIVE AND A 2 HP BRAKE MOTOR.

Conditions:

1. OPERATION OF THIS EQUIPMENT SHALL BE CONDUCTED IN ACCORDANCE WITH ALL DATA AND SPECIFICATIONS SUBMITTED WITH THE APPLICATION UNDER WHICH THIS PERMIT IS ISSUED UNLESS OTHERWISE NOTED BELOW.
[RULE 204]
2. THIS EQUIPMENT SHALL BE PROPERLY MAINTAINED AND KEPT IN GOOD OPERATING CONDITION AT ALL TIMES.
[RULE 204]
3. THIS EQUIPMENT SHALL NOT BE OPERATED UNLESS IT IS VENTED ONLY TO AIR POLLUTION CONTROL EQUIPMENT WHICH IS IN FULL USE AND WHICH HAS BEEN ISSUED AN OPERATING PERMIT BY THE EXECUTIVE OFFICER.
[RULE 1303(a)(1)-BACT]



FACILITY PERMIT TO OPERATE CONSOLIDATED FOUNDRIES - POMONA

PERMIT TO OPERATE

Permit No. G17668
A/N 527494

Equipment Description:

SAND MIXING SYSTEM CONSISTING OF:

1. RECEIVING BIN, WITH ONE 1-HP DISCHARGING BUCKET ELEVATOR.
2. SURGE BIN.
3. MIXER, PALMER MANUFACTURING & SUPPLY INC., MODEL M500, CONTINUOUS TYPE, 15-HP.
4. TANK NO. 1, BINDER/CATALYST, 330 GALLON CAPACITY OR SMALLER.
5. TANK NO. 2, BINDER/CATALYST, 330 GALLON CAPACITY OR SMALLER.
6. TANK NO. 3, BINDER/CATALYST, 330 GALLON CAPACITY OR SMALLER.

Conditions:

1. OPERATION OF THIS EQUIPMENT SHALL BE CONDUCTED IN ACCORDANCE WITH ALL DATA AND SPECIFICATIONS SUBMITTED WITH THE APPLICATION UNDER WHICH THIS PERMIT IS ISSUED UNLESS OTHERWISE NOTED BELOW.
[RULE 204]
2. THIS EQUIPMENT SHALL BE PROPERLY MAINTAINED AND KEPT IN GOOD OPERATING CONDITION AT ALL TIMES.
[RULE 204]
3. A COVER SHALL BE MAINTAINED OVER THE TOP OF THE MIXER AT ALL TIMES EXCEPT DURING THE CHARGING OPERATION.
[RULE 1303(b)(2)-OFFSET]
4. THE TOTAL AMOUNT OF SAND CHARGED INTO THIS SYSTEM SHALL NOT EXCEED 1,500 TONS IN ANY ONE MONTH.
[RULE 1303(b)(2)-OFFSET]
5. THE TOTAL AMOUNT OF BINDERS CHARGED INTO THIS SYSTEM SHALL NOT EXCEED 12 TONS IN ANY ONE MONTH.
[RULE 1303(b)(2)-OFFSET]
6. THE TOTAL AMOUNT OF CATALYST CHARGED INTO THIS SYSTEM SHALL NOT EXCEED 660 POUNDS IN ANY ONE MONTH.
[RULE 1303(b)(2)-OFFSET]
7. THE OPERATOR SHALL NOT PROCESS ANY MATERIALS THROUGH THIS EQUIPMENT THAT CONTAIN ANY MATERIAL IDENTIFIED AS A TOXIC AIR CONTAMINANT IN RULE 1401 AS AMENDED SEPTEMBER 10, 2010, EXCEPT AS FOLLOWS:
 - BENZENE (CAS# 71-43-2)
 - ETHYL BENZENE (CAS# 100-41-4)
 - FORMALDEHYDE (CAS# 50-00-0)



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- METHYLENE PHENYL DIISOYANATE (CAS# 101-68-8)
 - NAPHTHALENE (CAS# 91-20-3)
 - PHENOL (CAS# 108-95-2)
 - TOLUENE (CAS# 108-88-3)
 - XYLENE (CAS# 1330-20-7)
- [RULE 1401]
8. THE TOTAL AMOUNT OF RULE 1401 COMPOUNDS PROCESSED THROUGH THIS SYSTEM SHALL NOT EXCEED THE FOLLOWING LIMITS:
- BENZENE – 0.2465 LB/MON.
 - ETHYL BENZENE – 69.5 LBS/MON.
 - FORMALDEHYDE – 24 LBS/MON.
 - METHYLENE PHENYL DIISOCYANATE – 5,400 LBS/MON.
 - NAPHTHALENE – 301.5 LBS/MON.
 - PHENOL – 1,320 LBS/MON.
 - TOLUENE – 0.2465 LB/MON.
 - XYLENE – 7.45 LBS/MON.
- [RULE 1401]
9. THE OPERATOR SHALL KEEP DAILY RECORDS TO VERIFY THE AMOUNT OF SAND, BINDER, AND CATALYST USAGE. SUCH RECORDS SHALL BE MAINTAINED ON FILE FOR A MINIMUM OF FIVE YEARS AND SHALL BE MADE AVAILABLE TO THE EXECUTIVE OFFICER UPON REQUEST.
- [RULE 1303(b)(2)-OFFSET]
10. MATERIAL SAFETY DATA SHEETS FOR ALL CATALYSTS AND BINDERS USED AT THIS FACILITY SHALL BE KEPT CURRENT AND MADE AVAILABLE TO DISTRICT PERSONNEL UPON REQUEST.
- [RULE 1303(b)(2)-OFFSET, 1401]
11. THIS EQUIPMENT SHALL NOT BE OPERATED UNLESS THE BIN IS VENTED ONLY TO AIR POLLUTION CONTROL EQUIPMENT WHICH IS IN FULL USE AND WHICH HAS BEEN ISSUED AN OPERATING PERMIT BY THE EXECUTIVE OFFICER.
- [RULE 1303(a)(1)-BACT]

Periodic Monitoring:

12. 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 DID NOT OPERATE DURING THE ENTIRE ANNUAL PERIOD. THE ROUTINE ANNUAL 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 EITHER:
- A. 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;
 - B. TAKE CORRECTIVE ACTION(S) THAT ELIMINATES THE VISIBLE EMISSIONS WITHIN 24 HOURS AND REPORT THE VISIBLE EMISSIONS AS A POTENTIAL DEVIATION IN



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- ACCORDANCE WITH THE REPORTING REQUIREMENTS IN SECTION K OF THIS PERMIT; OR
- C. 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:

- A. STACK OR EMISSION POINT IDENTIFICATION;
- B. DESCRIPTION OF ANY CORRECTIVE ACTIONS TAKEN TO ABATE VISIBLE EMISSIONS;
- C. DATE AND TIME VISIBLE EMISSION WAS ABATED; AND
- D. VISIBLE EMISSION OBSERVATION RECORDED BY A CERTIFIED SMOKE READER.
- [RULE 3004 (a)(4)]

Emissions And Requirements:

13. THIS EQUIPMENT IS SUBJECT TO THE APPLICABLE REQUIREMENTS OF THE FOLLOWING RULES AND REGULATIONS:

PM: RULE 405, SEE APPENDIX B FOR EMISSION LIMITS



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PERMIT TO OPERATE

Permit No. F39049
A/N 379762

Equipment Description:

AIR POLLUTION CONTROL SYSTEM CONSISTING OF:

1. SCRUBBER, SANTEC, PACKED TOWER TYPE, MODEL 4000A-3, 11'-0" W. X 5'-8" L. X 13'-2" H., WITH A 3 HP CIRCULATING PUMP, A 3 HP CIRCULATING SPARE PUMP AND A pH MONITORING SYSTEM.
2. EXHAUST SYSTEM WITH A 15 HP BLOWER VENTING FOUR CORE CURING GASSING CABINETS.

Conditions:

1. OPERATION OF THIS EQUIPMENT SHALL BE CONDUCTED IN ACCORDANCE WITH ALL DATA AND SPECIFICATIONS SUBMITTED WITH THE APPLICATION UNDER WHICH THIS PERMIT IS ISSUED UNLESS OTHERWISE NOTED BELOW.
[RULE 204]
2. THIS EQUIPMENT SHALL BE PROPERLY MAINTAINED AND KEPT IN GOOD OPERATING CONDITION AT ALL TIMES.
[RULE 204]
3. THE ACID SOLUTION SUPPLIED TO THE SCRUBBER SHALL BE CONTINUOUSLY MONITORED AND MAINTAINED AT A pH RANGING BETWEEN 0 AND 4.5.
[RULE 1303(a)(1)-BACT]
4. A DAILY OPERATING LOG OF SCRUBBING SOLUTION pH SHALL BE KEPT AND MAINTAINED FOR A MINIMUM OF FIVE YEARS AND MADE AVAILABLE UPON REQUEST OF DISTRICT PERSONNEL.
[RULE 1303(a)(1)-BACT, 3004(a)(4)]

Emissions And Requirements:

5. THIS EQUIPMENT IS SUBJECT TO THE APPLICABLE REQUIREMENTS OF THE FOLLOWING RULES AND REGULATIONS:

PM: RULE 404, SEE APPENDIX B FOR EMISSION LIMITS



FACILITY PERMIT TO OPERATE CONSOLIDATED FOUNDRIES - POMONA

PERMIT TO OPERATE

Permit No. F39050
A/N 379760

Equipment Description:

AIR POLLUTION CONTROL SYSTEM CONSISTING OF:

1. SCRUBBER, SANTEC, PACKED TOWER TYPE, MODEL 4000A-3, 11'-0" W. X 5'-8" L. X 13'-2" H., WITH A 3 HP CIRCULATING PUMP, A 3 HP CIRCULATING SPARE PUMP AND A pH MONITORING SYSTEM.
2. EXHAUST SYSTEM WITH A 15 HP BLOWER VENTING TWO ROTARY CORE BLOWING MACHINES AND TWO CORE CURING GASSING CABINETS.

Conditions:

1. OPERATION OF THIS EQUIPMENT SHALL BE CONDUCTED IN ACCORDANCE WITH ALL DATA AND SPECIFICATIONS SUBMITTED WITH THE APPLICATION UNDER WHICH THIS PERMIT IS ISSUED UNLESS OTHERWISE NOTED BELOW.
[RULE 204]
2. THIS EQUIPMENT SHALL BE PROPERLY MAINTAINED AND KEPT IN GOOD OPERATING CONDITION AT ALL TIMES.
[RULE 204]
3. THE ACID SOLUTION SUPPLIED TO THE SCRUBBER SHALL BE CONTINUOUSLY MONITORED AND MAINTAINED AT A pH RANGING BETWEEN 0 AND 4.5.
[RULE 1303(a)(1)-BACT]
4. A DAILY OPERATING LOG OF SCRUBBING SOLUTION pH SHALL BE KEPT AND MAINTAINED FOR A MINIMUM OF FIVE YEARS AND MADE AVAILABLE UPON REQUEST OF DISTRICT PERSONNEL.
[RULE 1303(a)(1)-BACT, 3004(a)(4)]

Emissions And Requirements:

5. THIS EQUIPMENT IS SUBJECT TO THE APPLICABLE REQUIREMENTS OF THE FOLLOWING RULES AND REGULATIONS:

PM: RULE 404, SEE APPENDIX B FOR EMISSION LIMITS



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PERMIT TO OPERATE

Permit No. F39058
A/N 379759

Equipment Description:

AIR POLLUTION CONTROL SYSTEM CONSISTING OF:

1. FILTER BOX, 1'-2" W. X 1'-6" L. X 1'-2" H.
2. SCRUBBER, DU-ALL, PACKED TOWER TYPE, MODEL FW-300-1000, 2'-0" DIA X 14'-0" H., WITH A 3/4 HP CIRCULATING PUMP, AND A pH MONITORING SYSTEM.
2. EXHAUST SYSTEM WITH A 1 1/2 HP BLOWER VENTING CORE CURING GASSING CABINETS NO. 5 AND 6.

Conditions:

1. OPERATION OF THIS EQUIPMENT SHALL BE CONDUCTED IN ACCORDANCE WITH ALL DATA AND SPECIFICATIONS SUBMITTED WITH THE APPLICATION UNDER WHICH THIS PERMIT IS ISSUED UNLESS OTHERWISE NOTED BELOW.
[RULE 204]
2. THIS EQUIPMENT SHALL BE PROPERLY MAINTAINED AND KEPT IN GOOD OPERATING CONDITION AT ALL TIMES.
[RULE 204]
3. THE ACID SOLUTION SUPPLIED TO THE SCRUBBER SHALL BE CONTINUOUSLY MONITORED AND MAINTAINED AT A pH RANGING BETWEEN 0 AND 4.5.
[RULE 1303(a)(1)-BACT]
4. A DAILY OPERATING LOG OF SCRUBBING SOLUTION pH SHALL BE KEPT AND MAINTAINED FOR A MINIMUM OF FIVE YEARS AND MADE AVAILABLE UPON REQUEST OF DISTRICT PERSONNEL.
[RULE 1303(a)(1)-BACT, 3004(a)(4)]

Emissions And Requirements:

5. THIS EQUIPMENT IS SUBJECT TO THE APPLICABLE REQUIREMENTS OF THE FOLLOWING RULES AND REGULATIONS:

PM: RULE 404, SEE APPENDIX B FOR EMISSION LIMITS



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PERMIT TO OPERATE

**Permit No. F39057
A/N 379758**

Equipment Description:

AIR POLLUTION CONTROL SYSTEM CONSISTING OF:

1. FILTER BOX, 1'-2" W. X 1'-6" L. X 1'-2" H.
2. SCRUBBER, DU-ALL, PACKED TOWER TYPE, MODEL FW-300-1000, 2'-0" DIA X 14'-0" H., WITH A 3/4 HP CIRCULATING PUMP, AND A pH MONITORING SYSTEM.
2. EXHAUST SYSTEM WITH A 1 1/2 HP BLOWER VENTING CORE CURING GASSING CABINETS NO. 4 AND 7.

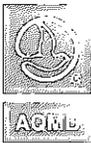
Conditions:

1. OPERATION OF THIS EQUIPMENT SHALL BE CONDUCTED IN ACCORDANCE WITH ALL DATA AND SPECIFICATIONS SUBMITTED WITH THE APPLICATION UNDER WHICH THIS PERMIT IS ISSUED UNLESS OTHERWISE NOTED BELOW.
[RULE 204]
2. THIS EQUIPMENT SHALL BE PROPERLY MAINTAINED AND KEPT IN GOOD OPERATING CONDITION AT ALL TIMES.
[RULE 204]
3. THE ACID SOLUTION SUPPLIED TO THE SCRUBBER SHALL BE CONTINUOUSLY MONITORED AND MAINTAINED AT A pH RANGING BETWEEN 0 AND 4.5.
[RULE 1303(a)(1)-BACT]
4. A DAILY OPERATING LOG OF SCRUBBING SOLUTION pH SHALL BE KEPT AND MAINTAINED FOR A MINIMUM OF FIVE YEARS AND MADE AVAILABLE UPON REQUEST OF DISTRICT PERSONNEL.
[RULE 1303(a)(1)-BACT, 3004(a)(4)]

Emissions And Requirements:

5. THIS EQUIPMENT IS SUBJECT TO THE APPLICABLE REQUIREMENTS OF THE FOLLOWING RULES AND REGULATIONS:

PM: RULE 404, SEE APPENDIX B FOR EMISSION LIMITS



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PERMIT TO OPERATE

Permit No. F39104
A/N 379757

Equipment Description:

AIR POLLUTION CONTROL SYSTEM CONSISTING OF:

1. FILTER BOX, 1'-2" W. X 1'-6" L. X 1'-2" H.
2. SCRUBBER, DU-ALL, PACKED TOWER TYPE, MODEL FW-300-1000, 2'-0" DIA X 14'-0" H., WITH A 3/4 HP CIRCULATING PUMP, AND A pH MONITORING SYSTEM.
3. EXHAUST SYSTEM WITH A 1 1/2 HP BLOWER VENTING CORE CURING GASSING CABINETS NO. 8 AND 9.

Conditions:

1. OPERATION OF THIS EQUIPMENT SHALL BE CONDUCTED IN ACCORDANCE WITH ALL DATA AND SPECIFICATIONS SUBMITTED WITH THE APPLICATION UNDER WHICH THIS PERMIT IS ISSUED UNLESS OTHERWISE NOTED BELOW.
[RULE 204]
2. THIS EQUIPMENT SHALL BE PROPERLY MAINTAINED AND KEPT IN GOOD OPERATING CONDITION AT ALL TIMES.
[RULE 204]
3. THE ACID SOLUTION SUPPLIED TO THE SCRUBBER SHALL BE CONTINUOUSLY MONITORED AND MAINTAINED AT A pH RANGING BETWEEN 0 AND 4.5.
[RULE 1303(a)(1)-BACT]
4. A DAILY OPERATING LOG OF SCRUBBING SOLUTION pH SHALL BE KEPT AND MAINTAINED FOR A MINIMUM OF FIVE YEARS AND MADE AVAILABLE UPON REQUEST OF DISTRICT PERSONNEL.
[RULE 1303(a)(1)-BACT, 3004(a)(4)]

Emissions And Requirements:

5. THIS EQUIPMENT IS SUBJECT TO THE APPLICABLE REQUIREMENTS OF THE FOLLOWING RULES AND REGULATIONS:

PM: RULE 404, SEE APPENDIX B FOR EMISSION LIMITS



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PERMIT TO OPERATE

Permit No. F39103
A/N 379752

Equipment Description:

AIR POLLUTION CONTROL SYSTEM CONSISTING OF:

1. FILTER BOX, 1'-6" W. X 2'-0" L. X 2'-0" H.
2. SCRUBBER, DU-ALL, PACKED TOWER TYPE, MODEL FW-300-2000, 3'-0" DIA X 21'-6" H., WITH A 1 HP CIRCULATING PUMP, AND A pH MONITORING SYSTEM.
3. EXHAUST SYSTEM WITH A 3 HP BLOWER VENTING A DISPENSING ROOM AND CORE CURING GASSING CABINETS NO. 1 AND 2.

Conditions:

1. OPERATION OF THIS EQUIPMENT SHALL BE CONDUCTED IN ACCORDANCE WITH ALL DATA AND SPECIFICATIONS SUBMITTED WITH THE APPLICATION UNDER WHICH THIS PERMIT IS ISSUED UNLESS OTHERWISE NOTED BELOW.
[RULE 204]
2. THIS EQUIPMENT SHALL BE PROPERLY MAINTAINED AND KEPT IN GOOD OPERATING CONDITION AT ALL TIMES.
[RULE 204]
3. THE ACID SOLUTION SUPPLIED TO THE SCRUBBER SHALL BE CONTINUOUSLY MONITORED AND MAINTAINED AT A pH RANGING BETWEEN 0 AND 4.5.
[RULE 1303(a)(1)-BACT]
4. A DAILY OPERATING LOG OF SCRUBBING SOLUTION pH SHALL BE KEPT AND MAINTAINED FOR A MINIMUM OF FIVE YEARS AND MADE AVAILABLE UPON REQUEST OF DISTRICT PERSONNEL.
[RULE 1303(a)(1)-BACT, 3004(a)(4)]

Emissions And Requirements:

5. THIS EQUIPMENT IS SUBJECT TO THE APPLICABLE REQUIREMENTS OF THE FOLLOWING RULES AND REGULATIONS:

PM: RULE 404, SEE APPENDIX B FOR EMISSION LIMITS



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PERMIT TO OPERATE

**Permit No. F39102
A/N 379751**

Equipment Description:

ABRASIVE BLASTING SYSTEM CONSISTING OF:

1. ROOM, CLEMCO, 10' W. X 17' L. X 8' H.
2. PRESSURE POT, CLEMCO, 2' DIA. X 2'-8" H.
3. ONE NOZZLE WITH AN INTERNAL DIAMETER OF 1/4 INCHES.
5. PLANT AIR AT 90 PSIG.
6. CYCLONE SEPARATOR, ICM, MODEL UC2000.

Conditions:

1. OPERATION OF THIS EQUIPMENT SHALL BE CONDUCTED IN ACCORDANCE WITH ALL DATA AND SPECIFICATIONS SUBMITTED WITH THE APPLICATION UNDER WHICH THIS PERMIT IS ISSUED UNLESS OTHERWISE NOTED BELOW.
[RULE 204]
2. THIS EQUIPMENT SHALL BE PROPERLY MAINTAINED AND KEPT IN GOOD OPERATING CONDITION AT ALL TIMES.
[RULE 204]
3. THIS EQUIPMENT SHALL NOT BE OPERATED UNLESS IT IS VENTED ONLY TO AIR POLLUTION CONTROL EQUIPMENT WHICH IS IN FULL USE AND WHICH HAS BEEN ISSUED AN OPERATING PERMIT BY THE EXECUTIVE OFFICER.
[RULE 1303(a)(1)-BACT]
4. THIS EQUIPMENT SHALL COMPLY WITH RULE 1140.
[RULE 1140]

Periodic Monitoring:

5. 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 DID NOT OPERATE DURING THE ENTIRE ANNUAL PERIOD. THE ROUTINE ANNUAL 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 EITHER:



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- A. 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;
- B. 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
- C. 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:

- A. STACK OR EMISSION POINT IDENTIFICATION;
- B. DESCRIPTION OF ANY CORRECTIVE ACTIONS TAKEN TO ABATE VISIBLE EMISSIONS;
- C. DATE AND TIME VISIBLE EMISSION WAS ABATED; AND
- D. VISIBLE EMISSION OBSERVATION RECORDED BY A CERTIFIED SMOKE READER.
[RULE 3004 (a)(4)]

Emissions And Requirements:

6. THIS EQUIPMENT IS SUBJECT TO THE APPLICABLE REQUIREMENTS OF THE FOLLOWING RULES AND REGULATIONS:

PM: RULE 405, SEE APPENDIX B FOR EMISSION LIMITS
PM: RULE 1140, SEE APPENDIX B FOR EMISSION LIMITS



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PERMIT TO OPERATE

Permit No. F39101
A/N 379750

Equipment Description:

AIR POLLUTION CONTROL SYSTEM CONSISTING OF:

1. BAGHOUSE, ICM, MODEL HB400E, PULSE JET CLEANED, 3:1 AIR TO CLOTH RATIO, 400 SQ.FT. TOTAL FILTER AREA.
2. EXHAUST SYSTEM WITH A 5 HP BLOWER VENTING AN ABRASIVE BLASTING ROOM.

Conditions:

1. OPERATION OF THIS EQUIPMENT SHALL BE CONDUCTED IN ACCORDANCE WITH ALL DATA AND SPECIFICATIONS SUBMITTED WITH THE APPLICATION UNDER WHICH THIS PERMIT IS ISSUED UNLESS OTHERWISE NOTED BELOW.
[RULE 204]
2. THIS EQUIPMENT SHALL BE PROPERLY MAINTAINED AND KEPT IN GOOD OPERATING CONDITION AT ALL TIMES.
[RULE 204]
3. DUST COLLECTED IN THE BAGHOUSE SHALL BE DISCHARGED ONLY INTO CLOSED CONTAINERS OR RETURNED TO THE PROCESS.
[RULE 1303(a)(1)-BACT]
4. A MECHANICAL GAUGE SHALL BE INSTALLED SO AS TO INDICATE IN INCHES WATER COLUMN, THE STATIC PRESSURE DIFFERENTIAL ACROSS THE BAGS.
[RULE 1303(a)(1)-BACT]

Periodic Monitoring:

5. THE OPERATOR SHALL PERFORM AN ANNUAL INSPECTION OF THE EQUIPMENT AND FILTER MEDIA FOR LEAKS, BROKEN OR TORN FILTER MEDIA AND IMPROPERLY INSTALLED FILTER MEDIA. 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 RESULTING FROM THE INSPECTION.[RULE 3004 (a)(4)]
6. THE OPERATOR SHALL CONDUCT AN INSPECTION FOR VISIBLE EMISSIONS FROM ALL STACKS AND OTHER EMISSION POINTS OF THIS EQUIPMENT WHENEVER THERE IS A PUBLIC



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COMPLAINT OF VISIBLE EMISSIONS, WHENEVER VISIBLE EMISSIONS ARE OBSERVED, AND ON AN ANNUAL BASIS, AT LEAST, UNLESS THE EQUIPMENT DID NOT OPERATE DURING THE ENTIRE ANNUAL PERIOD. THE ROUTINE ANNUAL 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:

- A. STACK OR EMISSION POINT IDENTIFICATION;
- B. DESCRIPTION OF ANY CORRECTIVE ACTIONS TAKEN TO ABATE VISIBLE EMISSIONS; AND
- C. DATE AND TIME VISIBLE EMISSION WAS ABATED.

[RULE 3004 (a)(4)]

Emissions And Requirements:

7. THIS EQUIPMENT IS SUBJECT TO THE APPLICABLE REQUIREMENTS OF THE FOLLOWING RULES AND REGULATIONS:

PM: RULE 404, SEE APPENDIX B FOR EMISSION LIMITS



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PERMIT TO OPERATE

Permit No. F39080
A/N 379748

Equipment Description:

AIR POLLUTION CONTROL SYSTEM CONSISTING OF:

1. BAGHOUSE, PANGBORN, MODEL 180 M-10CP-3, PULSE JET, 10'-0" W X 14'-10" L X 27'-10" H, WITH 180 FILTER BAGS, 2830 SQ.FT. TOTAL FILTER AREA, AND A 1 HP SCREW CONVEYOR.
2. EXHAUST SYSTEM WITH A 50 HP BLOWER VENTING A SAND REDUCER/RECLAIMER, THREE SILOS, A 6-TON SURGE HOPPER, A 10 TON BUCKET ELEVATOR, A HOPPER, A CLASSIFIER, AND A 15 HP BUCKET ELEVATOR.

Conditions:

1. OPERATION OF THIS EQUIPMENT SHALL BE CONDUCTED IN ACCORDANCE WITH ALL DATA AND SPECIFICATIONS SUBMITTED WITH THE APPLICATION UNDER WHICH THIS PERMIT IS ISSUED UNLESS OTHERWISE NOTED BELOW.
[RULE 204]
2. THIS EQUIPMENT SHALL BE PROPERLY MAINTAINED AND KEPT IN GOOD OPERATING CONDITION AT ALL TIMES.
[RULE 204]
3. DUST COLLECTED IN THE BAGHOUSE SHALL BE DISCHARGED ONLY INTO CLOSED CONTAINERS OR RETURNED TO THE PROCESS.
[RULE 1303(a)(1)-BACT]
4. A MECHANICAL GAUGE SHALL BE INSTALLED SO AS TO INDICATE IN INCHES WATER COLUMN, THE STATIC PRESSURE DIFFERENTIAL ACROSS THE BAGS.
[RULE 1303(a)(1)-BACT]

Periodic Monitoring:

5. THE OPERATOR SHALL PERFORM AN ANNUAL INSPECTION OF THE EQUIPMENT AND FILTER MEDIA FOR LEAKS, BROKEN OR TORN FILTER MEDIA AND IMPROPERLY INSTALLED FILTER MEDIA. 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 RESULTING FROM THE INSPECTION.[RULE 3004 (a)(4)]



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6. 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:
- A. STACK OR EMISSION POINT IDENTIFICATION;
 - B. DESCRIPTION OF ANY CORRECTIVE ACTIONS TAKEN TO ABATE VISIBLE EMISSIONS; AND
 - C. DATE AND TIME VISIBLE EMISSION WAS ABATED.
- [RULE 3004 (a)(4)]

Emissions And Requirements:

7. THIS EQUIPMENT IS SUBJECT TO THE APPLICABLE REQUIREMENTS OF THE FOLLOWING RULES AND REGULATIONS:
- PM: RULE 404, SEE APPENDIX B FOR EMISSION LIMITS



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PERMIT TO OPERATE

Permit No. F39077
A/N 379747

Equipment Description:

AIR POLLUTION CONTROL SYSTEM CONSISTING OF:

1. BAGHOUSE, CLEMCO, MODEL NO. 2160, 7'-6" W X 8'-0" L X 21'-11" H WITH 108 FILTER BAGS, EACH 6" DIA. X 12'-9" L, 2160 SQ.FT. TOTAL FILTER AREA, AND A 3/4-HP MECHANICAL SHAKER.
2. EXHAUST SYSTEM WITH A 10 HP BLOWER VENTING A SAND REDUCER/RECLAIMER, TWO 55 GALLON DRUMS, TWO SURGE BINS, AND TWO BUCKET ELEVATORS.

Conditions:

1. OPERATION OF THIS EQUIPMENT SHALL BE CONDUCTED IN ACCORDANCE WITH ALL DATA AND SPECIFICATIONS SUBMITTED WITH THE APPLICATION UNDER WHICH THIS PERMIT IS ISSUED UNLESS OTHERWISE NOTED BELOW.
[RULE 204]
2. THIS EQUIPMENT SHALL BE PROPERLY MAINTAINED AND KEPT IN GOOD OPERATING CONDITION AT ALL TIMES.
[RULE 204]
3. DUST COLLECTED IN THE BAGHOUSE SHALL BE DISCHARGED ONLY INTO CLOSED CONTAINERS OR RETURNED TO THE PROCESS.
[RULE 1303(a)(1)-BACT]
4. A MECHANICAL GAUGE SHALL BE INSTALLED SO AS TO INDICATE IN INCHES WATER COLUMN, THE STATIC PRESSURE DIFFERENTIAL ACROSS THE BAGS.
[RULE 1303(a)(1)-BACT]

Periodic Monitoring:

5. THE OPERATOR SHALL PERFORM AN ANNUAL INSPECTION OF THE EQUIPMENT AND FILTER MEDIA FOR LEAKS, BROKEN OR TORN FILTER MEDIA AND IMPROPERLY INSTALLED FILTER MEDIA. 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 RESULTING FROM THE INSPECTION.[RULE 3004 (a)(4)]
6. THE OPERATOR SHALL CONDUCT AN INSPECTION FOR VISIBLE EMISSIONS FROM ALL STACKS



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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:

- A. STACK OR EMISSION POINT IDENTIFICATION;
 - B. DESCRIPTION OF ANY CORRECTIVE ACTIONS TAKEN TO ABATE VISIBLE EMISSIONS; AND
 - C. DATE AND TIME VISIBLE EMISSION WAS ABATED.
- [RULE 3004 (a)(4)]

Emissions And Requirements:

7. THIS EQUIPMENT IS SUBJECT TO THE APPLICABLE REQUIREMENTS OF THE FOLLOWING RULES AND REGULATIONS:

PM: RULE 404, SEE APPENDIX B FOR EMISSION LIMITS



**FACILITY PERMIT TO OPERATE
CONSOLIDATED FOUNDRIES - POMONA**

PERMIT TO OPERATE

**Permit No. G17664
A/N 514161**

Equipment Description:

SAND MIXING SYSTEM, NO. 2, CONSISTING OF:

1. RECEIVING HOPPER, 6' W. X 4'-4" L. X 8' H, WITH A 1 H.P. BUCKET ELEVATOR.
2. SURGE BIN, 6' DIA. X 9'-8" H.
3. SAND HEATER, CAST INDUSTRIAL PRODUCTS, 60-KW.
4. MIXER, DEPENDABLE, CONTINUOUS TYPE, CENTURION 6-2B E.R., TWIN SPEED MIXING HEAD, WITH ONE 5-HP MOTOR, AND ONE 1-HP BELT FEED MOTOR.
5. FOUR STORAGE DRUMS, BINDERS AND CATALYSTS, EACH 55 GALLON CAPACITY, OR 300-GALLON CAPACITY TOTE.

Conditions:

1. OPERATION OF THIS EQUIPMENT SHALL BE CONDUCTED IN ACCORDANCE WITH ALL DATA AND SPECIFICATIONS SUBMITTED WITH THE APPLICATION UNDER WHICH THIS PERMIT IS ISSUED UNLESS OTHERWISE NOTED BELOW.
[RULE 204]
2. THIS EQUIPMENT SHALL BE PROPERLY MAINTAINED AND KEPT IN GOOD OPERATING CONDITION AT ALL TIMES.
[RULE 204]
3. THIS EQUIPMENT SHALL NOT BE OPERATED UNLESS THE RECEIVING HOPPER IS VENTED ONLY TO AIR POLLUTION CONTROL EQUIPMENT WHICH IS IN FULL USE AND WHICH HAS BEEN ISSUED AN OPERATING PERMIT BY THE EXECUTIVE OFFICER.
[RULE 1303(a)(1)-BACT]
4. THE TOTAL AMOUNT OF SAND CHARGED INTO THIS SYSTEM SHALL NOT EXCEED 1,210 TONS IN ANY ONE MONTH.
[RULE 1303(b)(2)-OFFSET]
5. THE TOTAL AMOUNT OF BINDERS CHARGED INTO THIS SYSTEM SHALL NOT EXCEED 12.1 TONS IN ANY ONE MONTH.
[RULE 1303(b)(2)-OFFSET]
6. THE TOTAL AMOUNT OF CATALYST CHARGED INTO THIS SYSTEM SHALL NOT EXCEED 1,276 POUNDS IN ANY ONE MONTH.
[RULE 1303(b)(2)-OFFSET]

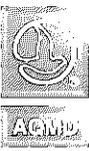


FACILITY PERMIT TO OPERATE CONSOLIDATED FOUNDRIES - POMONA

7. THE OPERATOR SHALL NOT PROCESS ANY MATERIALS THROUGH THIS EQUIPMENT THAT CONTAIN ANY MATERIAL IDENTIFIED AS A TOXIC AIR CONTAMINANT IN RULE 1401 AS AMENDED SEPTEMBER 10, 2010, EXCEPT AS FOLLOWS:
- BENZENE (CAS# 71-43-2)
 - ETHYL BENZENE (CAS# 100-41-4)
 - FORMALDEHYDE (CAS# 50-00-0)
 - METHYLENE PHENYL DIISOYANATE (CAS# 101-68-8)
 - NAPHTHALENE (CAS# 91-20-3)
 - PHENOL (CAS# 108-95-2)
 - TOLUENE (CAS# 108-88-3)
 - XYLENE (CAS# 1330-20-7)
- [RULE 1401]
8. THE TOTAL AMOUNT OF RULE 1401 COMPOUNDS PROCESSED THROUGH THIS SYSTEM SHALL NOT EXCEED THE FOLLOWING LIMITS:
- BENZENE – 0.26 LB/MON.
 - ETHYL BENZENE – 73 LBS/MON.
 - FORMALDEHYDE – 24.3 LBS/MON.
 - METHYLENE PHENYL DIISOCYANATE – 5,450 LBS/MON.
 - NAPHTHALENE – 322 LBS/MON.
 - PHENOL – 1,380 LBS/MON.
 - TOLUENE – 0.26 LB/MON.
 - XYLENE – 14.4 LBS/MON.
- [RULE 1401]
9. THE OPERATOR SHALL KEEP DAILY RECORDS TO VERIFY THE AMOUNT OF SAND, BINDER, AND CATALYST USAGE. SUCH RECORDS SHALL BE MAINTAINED ON FILE FOR A MINIMUM OF FIVE YEARS AND SHALL BE MADE AVAILABLE TO THE EXECUTIVE OFFICER UPON REQUEST.
- [RULE 1303(b)(2)-OFFSET]

Periodic Monitoring:

10. 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 DID NOT OPERATE DURING THE ENTIRE ANNUAL PERIOD. THE ROUTINE ANNUAL 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 EITHER:
- A. 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;
 - B. 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
 - C. HAVE A CARB-CERTIFIED SMOKE READER DETERMINE COMPLIANCE WITH THE OPACITY STANDARD, USING EPA METHOD 9 OR THE PROCEDURES IN THE CARB MANUAL "VISIBLE



**FACILITY PERMIT TO OPERATE
CONSOLIDATED FOUNDRIES - POMONA**

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:

- A. STACK OR EMISSION POINT IDENTIFICATION;
- B. DESCRIPTION OF ANY CORRECTIVE ACTIONS TAKEN TO ABATE VISIBLE EMISSIONS;
- C. DATE AND TIME VISIBLE EMISSION WAS ABATED; AND
- D. VISIBLE EMISSION OBSERVATION RECORDED BY A CERTIFIED SMOKE READER.
[RULE 3004 (a)(4)]

Emissions And Requirements:

- 11. THIS EQUIPMENT IS SUBJECT TO THE APPLICABLE REQUIREMENTS OF THE FOLLOWING RULES AND REGULATIONS:

PM: RULE 405, SEE APPENDIX B FOR EMISSION LIMITS



**FACILITY PERMIT TO OPERATE
CONSOLIDATED FOUNDRIES - POMONA**

PERMIT TO OPERATE

**Permit No. F39072
A/N 379739**

Equipment Description:

SAND RECLAMATION SYSTEM CONSISTING OF:

A. SAND SIZE REDUCTION SYSTEM NO. 1

1. SAND REDUCER/RECLAIMER, G.I.W. MODEL NO. BFR-4150, SERIAL NO. 039, 50 HP.
2. SCREW CONVEYOR.
3. BUCKET ELEVATOR, UNIVERSAL INDUSTRIES, MODEL U2-1500, 25 TON PER HOUR CAPACITY, 2 HP.
4. SURGE BIN, 4'W. X 4'L. X 4'-10"H.
5. SHAKER SCREEN, MODEL NO. T.E.A. 60, SERIAL NO. SAB-95-16-47, 2.5 HP, WITH TWO 55 GAL DRUMS.
6. BUCKET ELEVATOR, 3/4 HP.
7. SURGE BIN, 2 TON CAPACITY.
8. PNEUMATIC CONVEYOR, PLANT OPERATED.
9. PNEUMATIC CONVEYOR, BOOTHE, MODEL 4CF24, 4 CUBIC FOOT CAPACITY.
10. SURGE HOPPER, 6 TON CAPACITY.
11. BUCKET ELEVATOR, PANGBORN, 10 TON PER HOUR CAPACITY, 2 HP.
12. HOPPER.
13. CLASSIFIER, DEPENDABLE, FLUID BED TYPE, 12 TON PER HOUR CAPACITY, 40 HP.
14. PNEUMATIC CONVEYOR, BOOTHE, MODEL 4CF24, 4 CUBIC FEET CAPACITY.
15. PNEUMATIC CONVEYOR, MACAWBAR, MODEL S8/6.
16. NINE SCREW CONVEYORS, EACH 5 TON PER HOUR CAPACITY, 3 HP.
17. THREE SCREW CONVEYORS, EACH 15 TON PER HOUR CAPACITY, 5HP.



**FACILITY PERMIT TO OPERATE
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18. BUCKET ELEVATOR, 15 HP.
- B. SAND SIZE REDUCTION SYSTEM NO. 2
1. VIBRATORY HOPPER, LUMPREDUCER, DEPENDABLE, SERIAL NO. 240-10TPH-HLD, WITH A BANK OF 3 SCREENING DECKS, 12 TON PER HOUR RATED CAPACITY.
2. SURGE BIN, 2'-11"W. X 2'-11"L. X 2'-6"H.
3. PNEUMATIC TRANSPORTER SYSTEM, DEPENDAVEYOR, MODEL DFT-2, SERIES II.
- C. SAND STORAGE SYSTEM
1. THREE SILOS, EACH 12'-0" DIA. X 30'-0"H., 150 TON CAPACITY.

Conditions:

- 1) OPERATION OF THIS EQUIPMENT SHALL BE CONDUCTED IN ACCORDANCE WITH ALL DATA AND SPECIFICATIONS SUBMITTED WITH THE APPLICATION UNDER WHICH THIS PERMIT IS ISSUED UNLESS OTHERWISE NOTED BELOW.
[RULE 204]
- 2) THIS EQUIPMENT SHALL BE PROPERLY MAINTAINED AND KEPT IN GOOD OPERATING CONDITION AT ALL TIMES.
[RULE 204]
- 3) THIS EQUIPMENT SHALL NOT BE OPERATED UNLESS IT IS VENTED ONLY TO AIR POLLUTION CONTROL EQUIPMENT WHICH IS IN FULL USE AND HAS BEEN ISSUED A PERMIT TO OPERATE BY THE EXECUTIVE OFFICER.
[RULE 1303(a)(1)-BACT]
- 4) THE TOTAL QUANTITY OF SAND CHARGED TO THE SAND RECLAMATION SYSTEM SHALL NOT EXCEED 160 TONS PER DAY.
[RULE 1303(b)(2)-OFFSET]
- 5) THE OPERATOR SHALL KEEP DAILY RECORDS TO VERIFY THE QUANTITY OF SAND LOADED TO THE SAND RECLAMATION SYSTEM. SUCH RECORDS SHALL BE MAINTAINED ON FILE FOR A MINIMUM OF FIVE YEARS AND SHALL BE MADE AVAILABLE TO THE EXECUTIVE OFFICER UPON REQUEST.
[RULE 1303(b)(2)-OFFSET]

Periodic Monitoring:

- 6) 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 DID NOT OPERATE DURING THE ENTIRE ANNUAL PERIOD. THE ROUTINE ANNUAL INSPECTION SHALL BE CONDUCTED WHILE THE EQUIPMENT IS IN OPERATION AND DURING DAYLIGHT HOURS. IF ANY VISIBLE



FACILITY PERMIT TO OPERATE CONSOLIDATED FOUNDRIES - POMONA

EMISSIONS (NOT INCLUDING CONDENSED WATER VAPOR) ARE DETECTED THAT LAST MORE THAN THREE MINUTES IN ANY ONE-HOUR, THE OPERATOR SHALL EITHER:

- A. 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;
- B. 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
- C. 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:

- A. STACK OR EMISSION POINT IDENTIFICATION;
- B. DESCRIPTION OF ANY CORRECTIVE ACTIONS TAKEN TO ABATE VISIBLE EMISSIONS;
- C. DATE AND TIME VISIBLE EMISSION WAS ABATED; AND
- D. VISIBLE EMISSION OBSERVATION RECORDED BY A CERTIFIED SMOKE READER.

[RULE 3004 (a)(4)]

Emissions And Requirements:

7. THIS EQUIPMENT IS SUBJECT TO THE APPLICABLE REQUIREMENTS OF THE FOLLOWING RULES AND REGULATIONS:

PM: RULE 405, SEE APPENDIX B FOR EMISSION LIMITS



FACILITY PERMIT TO OPERATE CONSOLIDATED FOUNDRIES - POMONA

PERMIT TO OPERATE

Permit No. F84922
A/N 456878

Equipment Description:

AIR POLLUTION CONTROL SYSTEM CONSISTING OF:

1. DUST COLLECTOR, TORIT, MODEL PJD, PULSE JET CLEANED, WITH FORTY NINE FILTER BAGS, 580 SQ. FT. TOTAL FILTER AREA.
2. EXHAUST SYSTEM WITH A 7.5 HP BLOWER VENTING A SAND HEATER.

Conditions:

- 1) OPERATION OF THIS EQUIPMENT SHALL BE CONDUCTED IN ACCORDANCE WITH ALL DATA AND SPECIFICATIONS SUBMITTED WITH THE APPLICATION UNDER WHICH THIS PERMIT IS ISSUED UNLESS OTHERWISE NOTED BELOW.
[RULE 204]
- 2) THIS EQUIPMENT SHALL BE PROPERLY MAINTAINED AND KEPT IN GOOD OPERATING CONDITION AT ALL TIMES.
[RULE 204]
- 3) A MECHANICAL GAUGE SHALL BE INSTALLED SO AS TO INDICATE, IN INCHES WATER COLUMN, THE STATIC PRESSURE DIFFERENTIAL ACROSS THE CARTRIDGES.
[RULE 1303(a)(1)-BACT]
- 4) DUST COLLECTED IN THE DUST COLLECTOR SHALL BE DISCHARGED ONLY INTO CLOSED CONTAINERS.
[RULE 1303(a)(1)-BACT]

Periodic Monitoring:

- 5) THE OPERATOR SHALL PERFORM AN ANNUAL INSPECTION OF THE EQUIPMENT AND FILTER MEDIA FOR LEAKS, BROKEN OR TORN FILTER MEDIA AND IMPROPERLY INSTALLED FILTER MEDIA. 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 RESULTING FROM THE INSPECTION.[RULE 3004 (a)(4)]
- 6) THE OPERATOR SHALL CONDUCT AN INSPECTION FOR VISIBLE EMISSIONS FROM ALL STACKS AND OTHER EMISSION POINTS OF THIS EQUIPMENT WHENEVER THERE IS A PUBLIC



FACILITY PERMIT TO OPERATE CONSOLIDATED FOUNDRIES - POMONA

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:

- A. STACK OR EMISSION POINT IDENTIFICATION;
- B. DESCRIPTION OF ANY CORRECTIVE ACTIONS TAKEN TO ABATE VISIBLE EMISSIONS; AND
- C. DATE AND TIME VISIBLE EMISSION WAS ABATED.

[RULE 3004 (a)(4)]

Emissions And Requirements:

- 7) THIS EQUIPMENT IS SUBJECT TO THE APPLICABLE REQUIREMENTS OF THE FOLLOWING RULES AND REGULATIONS:

PM: RULE 404, SEE APPENDIX B FOR EMISSION LIMITS



FACILITY PERMIT TO OPERATE CONSOLIDATED FOUNDRIES - POMONA

PERMIT TO OPERATE

Permit No. G17665
A/N 514164

Equipment Description:

SAND MIXING SYSTEM, NO. 3 CONSISTING OF

1. SURGE BIN, 9' W. X 13' L. X 7' H.
2. SAND HEATER, DF, MODEL DSSH-80KW-25, SERIAL NO. 463, 80 KW ELECTRICALLY HEATED.
3. MIXER, COLECTA-FLO, CONTINUOUS TYPE, MODEL ARCEL 600, 1 H.P.
4. THREE STORAGE TANKS, BINDERS AND CATALYSTS, EACH 330 GALLONS OR SMALLER.

Conditions:

1. OPERATION OF THIS EQUIPMENT SHALL BE CONDUCTED IN ACCORDANCE WITH ALL DATA AND SPECIFICATIONS SUBMITTED WITH THE APPLICATION UNDER WHICH THIS PERMIT IS ISSUED UNLESS OTHERWISE NOTED BELOW.
[RULE 204]
2. THIS EQUIPMENT SHALL BE PROPERLY MAINTAINED AND KEPT IN GOOD OPERATING CONDITION AT ALL TIMES.
[RULE 204]
3. THIS EQUIPMENT SHALL NOT BE OPERATED UNLESS THE SAND HEATER IS VENTED ONLY TO AIR POLLUTION CONTROL EQUIPMENT WHICH IS IN FULL USE AND WHICH HAS BEEN ISSUED A PERMIT TO OPERATE BY THE EXECUTIVE OFFICER.
[RULE 1303(a)(1)-BACT]
4. THE TOTAL AMOUNT OF SAND CHARGED INTO THIS SYSTEM SHALL NOT EXCEED 1,540 TONS IN ANY ONE MONTH.
[RULE 1303(b)(2)-OFFSET]
5. THE TOTAL AMOUNT OF BINDERS CHARGED INTO THIS SYSTEM SHALL NOT EXCEED 15.3 TONS IN ANY ONE MONTH.
[RULE 1303(b)(2)-OFFSET]
6. THE TOTAL AMOUNT OF CATALYST CHARGED INTO THIS SYSTEM SHALL NOT EXCEED 1,535 POUNDS IN ANY ONE MONTH.
[RULE 1303(b)(2)-OFFSET]
7. THE OPERATOR SHALL NOT PROCESS ANY MATERIALS THROUGH THIS EQUIPMENT THAT CONTAIN ANY MATERIAL IDENTIFIED AS A TOXIC AIR CONTAMINANT IN RULE 1401 AS AMENDED SEPTEMBER 10, 2010, EXCEPT AS FOLLOWS:
- BENZENE (CAS# 71-43-2)



FACILITY PERMIT TO OPERATE CONSOLIDATED FOUNDRIES - POMONA

- ETHYL BENZENE (CAS# 100-41-4)
- FORMALDEHYDE (CAS# 50-00-0)
- METHYLENE PHENYL DIISOYANATE (CAS# 101-68-8)
- NAPHTHALENE (CAS# 91-20-3)
- PHENOL (CAS# 108-95-2)
- TOLUENE (CAS# 108-88-3)
- XYLENE (CAS# 1330-20-7)

[RULE 1401]

8. THE TOTAL AMOUNT OF RULE 1401 COMPOUNDS PROCESSED THROUGH THIS SYSTEM SHALL NOT EXCEED THE FOLLOWING LIMITS:

- BENZENE – 0.32 LB/MON.
- ETHYL BENZENE – 92 LBS/MON.
- FORMALDEHYDE – 30.6 LBS/MON.
- METHYLENE PHENYL DIISOCYANATE – 6,900 LBS/MON.
- NAPHTHALENE – 405 LBS/MON.
- PHENOL – 1,685 LBS/MON.
- TOLUENE – 0.32 LB/MON.
- XYLENE – 17.3 LBS/MON.

[RULE 1401]

9. THE OPERATOR SHALL KEEP DAILY RECORDS TO VERIFY THE AMOUNT OF SAND, BINDER, AND CATALYST USAGE. SUCH RECORDS SHALL BE MAINTAINED ON FILE FOR A MINIMUM OF FIVE YEARS AND SHALL BE MADE AVAILABLE TO THE EXECUTIVE OFFICER UPON REQUEST.

[RULE 1303(b)(2)-OFFSET]

Periodic Monitoring:

10. 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 DID NOT OPERATE DURING THE ENTIRE ANNUAL PERIOD. THE ROUTINE ANNUAL 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 EITHER:
- A. 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;
 - B. 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
 - C. 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



FACILITY PERMIT TO OPERATE CONSOLIDATED FOUNDRIES - POMONA

REQUIREMENTS IN SECTION K OF THIS PERMIT AND THE FOLLOWING RECORDS:

- A. STACK OR EMISSION POINT IDENTIFICATION;
- B. DESCRIPTION OF ANY CORRECTIVE ACTIONS TAKEN TO ABATE VISIBLE EMISSIONS;
- C. DATE AND TIME VISIBLE EMISSION WAS ABATED; AND
- D. VISIBLE EMISSION OBSERVATION RECORDED BY A CERTIFIED SMOKE READER.
[RULE 3004 (a)(4)]

Emissions And Requirements:

11. THIS EQUIPMENT IS SUBJECT TO THE APPLICABLE REQUIREMENTS OF THE FOLLOWING RULES AND REGULATIONS:

PM: RULE 405, SEE APPENDIX B FOR EMISSION LIMITS



FACILITY PERMIT TO OPERATE CONSOLIDATED FOUNDRIES - POMONA

PERMIT TO OPERATE

Permit No. F84921
A/N 456876

Equipment Description:

AIR POLLUTION CONTROL SYSTEM CONSISTING OF:

1. DUST COLLECTOR, TORIT, MODEL TD 486, REVERSE PULSE JET CLEANED, WITH 9 CARTRIDGE FILTERS, EACH 7-7/8" OD X 16" L., 486 SQ. FT. TOTAL FILTER AREA.
2. EXHAUST SYSTEM WITH A 2 H.P. BLOWER VENTING A BIN.

Conditions:

- 1) OPERATION OF THIS EQUIPMENT SHALL BE CONDUCTED IN ACCORDANCE WITH ALL DATA AND SPECIFICATIONS SUBMITTED WITH THE APPLICATION UNDER WHICH THIS PERMIT IS ISSUED UNLESS OTHERWISE NOTED BELOW.
[RULE 204]
- 2) THIS EQUIPMENT SHALL BE PROPERLY MAINTAINED AND KEPT IN GOOD OPERATING CONDITION AT ALL TIMES.
[RULE 204]
- 3) A MECHANICAL GAUGE SHALL BE INSTALLED SO AS TO INDICATE, IN INCHES WATER COLUMN, THE STATIC PRESSURE DIFFERENTIAL ACROSS THE CARTRIDGES.
[RULE 1303(a)(1)-BACT]
- 4) DUST COLLECTED IN THE DUST COLLECTOR SHALL BE DISCHARGED ONLY INTO CLOSED CONTAINERS.
[RULE 1303(a)(1)-BACT]

Periodic Monitoring:

- 5) THE OPERATOR SHALL PERFORM AN ANNUAL INSPECTION OF THE EQUIPMENT AND FILTER MEDIA FOR LEAKS, BROKEN OR TORN FILTER MEDIA AND IMPROPERLY INSTALLED FILTER MEDIA. 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 RESULTING FROM THE INSPECTION.[RULE 3004 (a)(4)]
- 6) THE OPERATOR SHALL CONDUCT AN INSPECTION FOR VISIBLE EMISSIONS FROM ALL STACKS AND OTHER EMISSION POINTS OF THIS EQUIPMENT WHENEVER THERE IS A PUBLIC



FACILITY PERMIT TO OPERATE CONSOLIDATED FOUNDRIES - POMONA

COMPLAINT OF VISIBLE EMISSIONS, WHENEVER VISIBLE EMISSIONS ARE OBSERVED, AND ON AN ANNUAL BASIS, AT LEAST, UNLESS THE EQUIPMENT DID NOT OPERATE DURING THE ENTIRE ANNUAL PERIOD. THE ROUTINE ANNUAL 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:

- A. STACK OR EMISSION POINT IDENTIFICATION;
- B. DESCRIPTION OF ANY CORRECTIVE ACTIONS TAKEN TO ABATE VISIBLE EMISSIONS; AND
- C. DATE AND TIME VISIBLE EMISSION WAS ABATED.

[RULE 3004 (a)(4)]

Emissions And Requirements:

- 7) THIS EQUIPMENT IS SUBJECT TO THE APPLICABLE REQUIREMENTS OF THE FOLLOWING RULES AND REGULATIONS:

PM: RULE 404, SEE APPENDIX B FOR EMISSION LIMITS



FACILITY PERMIT TO OPERATE CONSOLIDATED FOUNDRIES - POMONA

PERMIT TO OPERATE

Permit No. G19733
A/N 532905

Equipment Description:

OVEN, E.J. ENGINEERING, MODEL EJ 6610, 6'-8" W X 13'-2" L X 7'-3" H, 36-KW ELECTRIC HEATER, WITH ONE 5-HP CIRCULATING BLOWER.

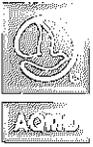
Conditions:

1. OPERATION OF THIS EQUIPMENT SHALL BE CONDUCTED IN ACCORDANCE WITH ALL DATA AND SPECIFICATIONS SUBMITTED WITH THE APPLICATION UNDER WHICH THIS PERMIT IS ISSUED UNLESS OTHERWISE NOTED BELOW.
[RULE 204]
2. THIS EQUIPMENT SHALL BE PROPERLY MAINTAINED AND KEPT IN GOOD OPERATING CONDITION AT ALL TIMES.
[RULE 204]
3. THE OPERATION OF THIS EQUIPMENT SHALL BE SUBJECT TO THE REQUIREMENTS OF RULE 1124.
[RULE 1124]

Periodic Monitoring:

4. 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 DID NOT OPERATE DURING THE ENTIRE ANNUAL PERIOD. THE ROUTINE ANNUAL 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 EITHER:
 - A. 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;
 - B. 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
 - C. 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:



**FACILITY PERMIT TO OPERATE
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- A. STACK OR EMISSION POINT IDENTIFICATION;
- B. DESCRIPTION OF ANY CORRECTIVE ACTIONS TAKEN TO ABATE VISIBLE EMISSIONS;
- C. DATE AND TIME VISIBLE EMISSION WAS ABATED; AND
- D. VISIBLE EMISSION OBSERVATION RECORDED BY A CERTIFIED SMOKE READER.
[RULE 3004 (a)(4)]



FACILITY PERMIT TO OPERATE CONSOLIDATED FOUNDRIES - POMONA

PERMIT TO OPERATE

Permit No. F38905
A/N 379885

Equipment Description:

SAND RECEIVING AND STORAGE SYSTEM CONSISTING OF:

1. BUCKET ELEVATOR, 3 HP, WITH A 2 HP CHARGING BELT CONVEYOR AND A 3-WAY MANUALLY OPERATED DISCHARGE VALVE.
2. THREE STORAGE BINS, EACH 175 TONS CAPACITY.

Conditions:

1. OPERATION OF THIS EQUIPMENT SHALL BE CONDUCTED IN ACCORDANCE WITH ALL DATA AND SPECIFICATIONS SUBMITTED WITH THE APPLICATION UNDER WHICH THIS PERMIT IS ISSUED UNLESS OTHERWISE NOTED BELOW.
[RULE 204]
2. THIS EQUIPMENT SHALL BE PROPERLY MAINTAINED AND KEPT IN GOOD OPERATING CONDITION AT ALL TIMES.
[RULE 204]

Periodic Monitoring:

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 DID NOT OPERATE DURING THE ENTIRE ANNUAL PERIOD. THE ROUTINE ANNUAL 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 EITHER:
 - A. 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;
 - B. 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
 - C. 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.



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THE OPERATOR SHALL KEEP THE RECORDS IN ACCORDANCE WITH THE RECORDKEEPING REQUIREMENTS IN SECTION K OF THIS PERMIT AND THE FOLLOWING RECORDS:

- A. STACK OR EMISSION POINT IDENTIFICATION;
- B. DESCRIPTION OF ANY CORRECTIVE ACTIONS TAKEN TO ABATE VISIBLE EMISSIONS;
- C. DATE AND TIME VISIBLE EMISSION WAS ABATED; AND
- D. VISIBLE EMISSION OBSERVATION RECORDED BY A CERTIFIED SMOKE READER.
[RULE 3004 (a)(4)]

Emissions And Requirements:

- 4. THIS EQUIPMENT IS SUBJECT TO THE APPLICABLE REQUIREMENTS OF THE FOLLOWING RULES AND REGULATIONS:

PM: RULE 405, SEE APPENDIX B FOR EMISSION LIMITS



FACILITY PERMIT TO OPERATE CONSOLIDATED FOUNDRIES - POMONA

PERMIT TO OPERATE

Permit No. F39491
A/N 379884

Equipment Description:

AIR POLLUTION CONTROL SYSTEM CONSISTING OF:

1. SCRUBBER, AMERICAN AIR FILTER, ROTOCLONE, TYPE N, DESIGN 4, SIZE 16, SERIAL NO. M-770092, WITH A ¼ HP SLUDGE EJECTOR.
2. EXHAUST SYSTEM, WITH A 60 HP BLOWER VENTING TWO ABRASIVE BLASTING ROOMS AND TWO BUCKET ELEVATORS.

Conditions:

1. OPERATION OF THIS EQUIPMENT SHALL BE CONDUCTED IN ACCORDANCE WITH ALL DATA AND SPECIFICATIONS SUBMITTED WITH THE APPLICATION UNDER WHICH THIS PERMIT IS ISSUED UNLESS OTHERWISE NOTED BELOW.
[RULE 204]
2. THIS EQUIPMENT SHALL BE PROPERLY MAINTAINED AND KEPT IN GOOD OPERATING CONDITION AT ALL TIMES.
[RULE 204]

Periodic Monitoring:

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 DID NOT OPERATE DURING THE ENTIRE ANNUAL PERIOD. THE ROUTINE ANNUAL 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 EITHER:
 - A. 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;
 - B. 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
 - C. 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



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REQUIREMENTS IN SECTION K OF THIS PERMIT AND THE FOLLOWING RECORDS:

- A. STACK OR EMISSION POINT IDENTIFICATION;
- B. DESCRIPTION OF ANY CORRECTIVE ACTIONS TAKEN TO ABATE VISIBLE EMISSIONS;
- C. DATE AND TIME VISIBLE EMISSION WAS ABATED; AND
- D. VISIBLE EMISSION OBSERVATION RECORDED BY A CERTIFIED SMOKE READER.
[RULE 3004 (a)(4)]

Emissions And Requirements:

- 4. THIS EQUIPMENT IS SUBJECT TO THE APPLICABLE REQUIREMENTS OF THE FOLLOWING RULES AND REGULATIONS:

PM: RULE 404, SEE APPENDIX B FOR EMISSION LIMITS



**FACILITY PERMIT TO OPERATE
CONSOLIDATED FOUNDRIES - POMONA**

PERMIT TO CONSTRUCT/OPERATE

**Permit No. G20794
A/N 540773**

Equipment Description:

FURNACE NO.1, ALUMINUM MELTING, THERMTRONIX, MODEL GS-2000, CRUCIBLE TYPE, 2,000 POUNDS CAPACITY, WITH ONE LOW NOX BURNER, ECLIPSE, MODEL RA0200, NATURAL GAS FIRED, 2.0 MMBTU/HR.

Conditions:

1. OPERATION OF THIS EQUIPMENT SHALL BE CONDUCTED IN ACCORDANCE WITH ALL DATA AND SPECIFICATIONS SUBMITTED WITH THE APPLICATION UNDER WHICH THIS PERMIT IS ISSUED UNLESS OTHERWISE NOTED BELOW.
[RULE 204]
2. THIS EQUIPMENT SHALL BE PROPERLY MAINTAINED AND KEPT IN GOOD OPERATING CONDITION AT ALL TIMES.
[RULE 204]
3. THE TOTAL QUANTITY OF ALUMINUM CHARGED TO THE FURNACE SHALL NOT EXCEED 158,400 POUNDS IN ANY ONE MONTH.
[RULE 1303(b)(2)-OFFSET]
4. THE NATURAL GAS CONSUMPTION OF THIS EQUIPMENT SHALL NOT EXCEED 1,344,520 CUBIC FEET IN ANY ONE MONTH.
[RULE 1303(b)(2)-OFFSET]
5. A NON-RESETABLE, TOTALIZING METER SHALL BE INSTALLED ON THE FUEL SUPPLY LINE.
[RULE 1303(b)(2)-OFFSET]
6. THE OPERATOR SHALL KEEP AN OPERATING LOG LISTING THE AMOUNT OF MATERIAL CHARGED TO THE FURNACE, IN POUNDS, AND NATURAL GAS CONSUMPTION, IN CUBIC FEET. THE LOG SHALL BE MAINTAINED ON FILE FOR A MINIMUM PERIOD OF FIVE YEARS AND BE MADE AVAILABLE TO THE EXECUTIVE OFFICER UPON REQUEST.
[RULE 1303(b)(2)-OFFSET]
7. FLUORIDES, CHLORINE, OR ALUMINUM CHLORIDE SHALL NOT BE USED IN THIS EQUIPMENT.
[RULE 1303(a)(1)-BACT]
8. FLUXING OR REFINING SHALL NOT BE CONDUCTED IN THIS EQUIPMENT.
[RULE 1303(a)(1)-BACT]
9. METALS CONTAMINATED WITH RUBBER, PLASTICS, PAPER, RAGS, OIL, GREASE, OR SIMILAR SMOKE PRODUCING MATERIALS SHALL NOT BE CHARGED INTO THIS FURNACE.
[RULE 401, 1303(a)(1)-BACT]



FACILITY PERMIT TO OPERATE CONSOLIDATED FOUNDRIES - POMONA

10. THE NOX EMISSIONS FROM THE OPERATION OF THIS EQUIPMENT SHALL NOT EXCEED 60 PPMV AT 3 PERCENT OXYGEN.
[RULE 1303(a)(1)-BACT, RULE 1147]
11. THE OPERATOR SHALL CONDUCT SOURCE TEST(S) IN ACCORDANCE WITH THE FOLLOWING SPECIFICATIONS:
- A. THE TEST(S) SHALL BE CONDUCTED AS REQUIRED BY RULE 1147.
 - B. THE TEST(S) SHALL BE CONDUCTED TO DETERMINE NOX AND CO EMISSIONS AT THE OUTLET.
 - C. THE TEST PROTOCOL(S) SHALL BE APPROVED BY THE DISTRICT PRIOR TO THE TEST(S).
 - D. THE TEST PROTOCOL(S) AND TEST REPORT(S) SHALL BE SUBMITTED TO THE DISTRICT FOR REVIEW AND APPROVAL, TO THE FOLLOWING ADDRESS:
SCAQMD, P.O. BOX 4941, DIAMOND BAR, CA 91765
- [RULE 1147]
12. THE OPERATOR SHALL PROVIDE TO THE DISTRICT A SOURCE TEST REPORT IN ACCORDANCE WITH THE FOLLOWING SPECIFICATIONS:
- A. TEST RESULTS, THAT VALIDATE COMPLIANCE WITH THE ALTERNATE COMPLIANCE PLAN UNDER RULE 1147, INCLUDING CO EMISSIONS, SHALL BE PROVIDED TO THE DISTRICT NO LATER THAN DECEMBER 31, 2012.
 - B. EMISSION DATA SHALL BE EXPRESSED, IN ADDITION TO RULE 1147 REQUIREMENTS, AS FOLLOWS:
 - i. ALL MOISTURE CONCENTRATION SHALL BE EXPRESSED IN TERMS OF PERCENT CORRECTED TO 3% OXYGEN, DRY BASIS.
 - ii. EXHAUST FLOW RATE SHALL BE EXPRESSED IN DRY STANDARD CUBIC FEET PER MINUTE (DSCFM) AND DRY ACTUAL CUBIC FEET PER MINUTE (DACFM).
 - iii. EMISSION DATA SHALL ALSO BE EXPRESSED IN TERMS OF LBS/MMCF OF NATURAL GAS
- [RULE 1147]

Periodic Monitoring:

13. 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 SEMI-ANNUAL BASIS, AT LEAST, UNLESS THE EQUIPMENT DID NOT OPERATE DURING THE ENTIRE SEMI-ANNUAL PERIOD. THE ROUTINE SEMI-ANNUAL 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 EITHER:
- A. 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;
 - B. 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
 - C. HAVE A CARB-CERTIFIED SMOKE READER DETERMINE COMPLIANCE WITH THE OPACITY STANDARD, USING EPA METHOD 9 OR THE PROCEDURES IN THE CARB MANUAL "VISIBLE



FACILITY PERMIT TO OPERATE CONSOLIDATED FOUNDRIES - POMONA

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:

- A. STACK OR EMISSION POINT IDENTIFICATION;
- B. DESCRIPTION OF ANY CORRECTIVE ACTIONS TAKEN TO ABATE VISIBLE EMISSIONS;
- C. DATE AND TIME VISIBLE EMISSION WAS ABATED; AND
- D. VISIBLE EMISSION OBSERVATION RECORDED BY A CERTIFIED SMOKE READER.
[RULE 3004 (a)(4)]

Emissions And Requirements:

14. THIS EQUIPMENT IS SUBJECT TO THE APPLICABLE REQUIREMENTS OF THE FOLLOWING RULES AND REGULATIONS:

CO: 2000 PPMV, RULE 407
NOx: 60 PPMV, RULE 1147
PM: 0.1 GR/SCF, RULE 409
PM: RULE 405, SEE APPENDIX B FOR EMISSION LIMITS



**FACILITY PERMIT TO OPERATE
CONSOLIDATED FOUNDRIES - POMONA**

PERMIT TO CONSTRUCT/OPERATE

**Permit No. G20795
A/N 540774**

Equipment Description:

FURNACE NO.2, ALUMINUM MELTING, THERMTRONIX, MODEL GS-2000, CRUCIBLE TYPE, 2,000 POUNDS CAPACITY, WITH ONE LOW NOX BURNER, ECLIPSE COMBUSTION, NATURAL GAS FIRED, 2.0 MMBTU/HR.

Conditions:

1. OPERATION OF THIS EQUIPMENT SHALL BE CONDUCTED IN ACCORDANCE WITH ALL DATA AND SPECIFICATIONS SUBMITTED WITH THE APPLICATION UNDER WHICH THIS PERMIT IS ISSUED UNLESS OTHERWISE NOTED BELOW.
[RULE 204]
2. THIS EQUIPMENT SHALL BE PROPERLY MAINTAINED AND KEPT IN GOOD OPERATING CONDITION AT ALL TIMES.
[RULE 204]
3. THE TOTAL QUANTITY OF ALUMINUM CHARGED TO THE FURNACE SHALL NOT EXCEED 158,400 POUNDS IN ANY ONE MONTH.
[RULE 1303(b)(2)-OFFSET]
4. THE NATURAL GAS CONSUMPTION OF THIS EQUIPMENT SHALL NOT EXCEED 1,344,520 CUBIC FEET IN ANY ONE MONTH.
[RULE 1303(b)(2)-OFFSET]
5. A NON-RESETABLE, TOTALIZING METER SHALL BE INSTALLED ON THE FUEL SUPPLY LINE.
[RULE 1303(b)(2)-OFFSET]
6. THE OPERATOR SHALL KEEP AN OPERATING LOG LISTING THE AMOUNT OF MATERIAL CHARGED TO THE FURNACE, IN POUNDS, AND NATURAL GAS CONSUMPTION, IN CUBIC FEET. THE LOG SHALL BE MAINTAINED ON FILE FOR A MINIMUM PERIOD OF FIVE YEARS AND BE MADE AVAILABLE TO THE EXECUTIVE OFFICER UPON REQUEST.
[RULE 1303(b)(2)-OFFSET]
7. FLUORIDES, CHLORINE, OR ALUMINUM CHLORIDE SHALL NOT BE USED IN THIS EQUIPMENT.
[RULE 1303(a)(1)-BACT]
8. FLUXING OR REFINING SHALL NOT BE CONDUCTED IN THIS EQUIPMENT.
[RULE 1303(a)(1)-BACT]
9. METALS CONTAMINATED WITH RUBBER, PLASTICS, PAPER, RAGS, OIL, GREASE, OR SIMILAR SMOKE PRODUCING MATERIALS SHALL NOT BE CHARGED INTO THIS FURNACE.
[RULE 401, 1303(a)(1)-BACT]



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10. THE NOX EMISSIONS FROM THE OPERATION OF THIS EQUIPMENT SHALL NOT EXCEED 60 PPMV AT 3 PERCENT OXYGEN.
[RULE 1303(a)(1)-BACT, RULE 1147]
11. THE OPERATOR SHALL CONDUCT SOURCE TEST(S) IN ACCORDANCE WITH THE FOLLOWING SPECIFICATIONS:
- A. THE TEST(S) SHALL BE CONDUCTED AS REQUIRED BY RULE 1147.
 - B. THE TEST(S) SHALL BE CONDUCTED TO DETERMINE NOX AND CO EMISSIONS AT THE OUTLET.
 - C. THE TEST PROTOCOL(S) SHALL BE APPROVED BY THE DISTRICT PRIOR TO THE TEST(S).
 - D. THE TEST PROTOCOL(S) AND TEST REPORT(S) SHALL BE SUBMITTED TO THE DISTRICT FOR REVIEW AND APPROVAL, TO THE FOLLOWING ADDRESS:
SCAQMD, P.O. BOX 4941, DIAMOND BAR, CA 91765
- [RULE 1147]
12. THE OPERATOR SHALL PROVIDE TO THE DISTRICT A SOURCE TEST REPORT IN ACCORDANCE WITH THE FOLLOWING SPECIFICATIONS:
- A. TEST RESULTS, THAT VALIDATE COMPLIANCE WITH THE ALTERNATE COMPLIANCE PLAN UNDER RULE 1147, INCLUDING CO EMISSIONS, SHALL BE PROVIDED TO THE DISTRICT NO LATER THAN DECEMBER 31, 2012.
 - B. EMISSION DATA SHALL BE EXPRESSED, IN ADDITION TO RULE 1147 REQUIREMENTS, AS FOLLOWS:
 - i. ALL MOISTURE CONCENTRATION SHALL BE EXPRESSED IN TERMS OF PERCENT CORRECTED TO 3% OXYGEN, DRY BASIS.
 - ii. EXHAUST FLOW RATE SHALL BE EXPRESSED IN DRY STANDARD CUBIC FEET PER MINUTE (DSCFM) AND DRY ACTUAL CUBIC FEET PER MINUTE (DACFM).
 - iii. EMISSION DATA SHALL ALSO BE EXPRESSED IN TERMS OF LBS/MMCF OF NATURAL GAS
- [RULE 1147]

Periodic Monitoring:

13. 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 SEMI-ANNUAL BASIS, AT LEAST, UNLESS THE EQUIPMENT DID NOT OPERATE DURING THE ENTIRE SEMI-ANNUAL PERIOD. THE ROUTINE SEMI-ANNUAL 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 EITHER:
- A. 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;
 - B. 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
 - C. HAVE A CARB-CERTIFIED SMOKE READER DETERMINE COMPLIANCE WITH THE OPACITY STANDARD, USING EPA METHOD 9 OR THE PROCEDURES IN THE CARB MANUAL "VISIBLE



FACILITY PERMIT TO OPERATE CONSOLIDATED FOUNDRIES - POMONA

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:

- A. STACK OR EMISSION POINT IDENTIFICATION;
- B. DESCRIPTION OF ANY CORRECTIVE ACTIONS TAKEN TO ABATE VISIBLE EMISSIONS;
- C. DATE AND TIME VISIBLE EMISSION WAS ABATED; AND
- D. VISIBLE EMISSION OBSERVATION RECORDED BY A CERTIFIED SMOKE READER.
[RULE 3004 (a)(4)]

Emissions And Requirements:

14. THIS EQUIPMENT IS SUBJECT TO THE APPLICABLE REQUIREMENTS OF THE FOLLOWING RULES AND REGULATIONS:

CO: 2000 PPMV, RULE 407
NOx: 60 PPMV, RULE 1147
PM: 0.1 GR/SCF, RULE 409
PM: RULE 405, SEE APPENDIX B FOR EMISSION LIMITS



FACILITY PERMIT TO OPERATE CONSOLIDATED FOUNDRIES - POMONA

PERMIT TO OPERATE

Permit No. F38925
A/N 379895

Equipment Description:

SPRAY BOOTH, ALLIED, MODEL AMS-2087, FLOOR TYPE, 20' W. X 10' L. X 8' H., WITH FORTY 20" X 20" EXHAUST FILTERS, FIFTEEN 24" X 24" X 1 1/2" AFTER-FILTERS (HEPA) AND ONE 50 H.P. EXHAUST FAN COMMON WITH ANOTHER SPRAY BOOTH.

Conditions:

1. OPERATION OF THIS EQUIPMENT SHALL BE CONDUCTED IN ACCORDANCE WITH ALL DATA AND SPECIFICATIONS SUBMITTED WITH THE APPLICATION UNDER WHICH THIS PERMIT IS ISSUED UNLESS OTHERWISE NOTED BELOW.
[RULE 204]
2. THIS EQUIPMENT SHALL BE PROPERLY MAINTAINED AND KEPT IN GOOD OPERATING CONDITION AT ALL TIMES.
[RULE 204]
3. THIS SPRAY BOOTH SHALL NOT BE OPERATED UNLESS ALL EXHAUST AIR PASSES THROUGH FILTER MEDIA AT LEAST 2 INCHES THICK.
[RULE 1303(a)(1)-BACT]
4. A GAUGE SHALL BE INSTALLED TO INDICATE, IN INCHES OF WATER, THE STATIC PRESSURE DIFFERENTIAL ACROSS THE EXHAUST FILTERS. IN OPERATION, THE PRESSURE DIFFERENTIAL SHALL NOT EXCEED 0.25 INCH OF WATER.
[RULE 1303(a)(1)-BACT]
5. THE TOTAL AMOUNT OF VOC EMISSIONS DISCHARGED TO THE ATMOSPHERE FROM THIS EQUIPMENT AT THIS FACILITY SHALL NOT EXCEED 20 POUNDS IN ANY ONE DAY AND 433 POUNDS IN ANY CALENDAR MONTH.
[RULE 1303(b)(2)-OFFSET]
6. THIS EQUIPMENT SHALL BE OPERATED IN COMPLIANCE WITH RULE 1124.
[RULE 1124]
7. NO METHYL CHLOROFORM (1,1,1-TRICHLOROETHANE) SOLVENT SHALL BE USED IN THIS EQUIPMENT.
[RULE 1401]
8. THE OPERATOR SHALL COMPLY WITH RULE 109 (RECORDKEEPING FOR VOLATILE ORGANIC COMPOUND EMISSIONS).
[RULE 109, 1303(b)(2)-OFFSET]



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9. IN ADDITION TO THE RECORD KEEPING REQUIREMENTS OF RULE 109, THE OPERATOR SHALL KEEP ADEQUATE RECORDS FOR THIS FACILITY TO VERIFY DAILY VOLATILE ORGANIC COMPOUND (VOC) EMISSIONS IN POUNDS, THE VOC CONTENT OF EACH MATERIAL, AS APPLIED (INCLUDING WATER AND EXEMPT COMPOUNDS), AND THE AMOUNT OF EACH MATERIAL USED. ALL RECORDS SHALL BE PREPARED IN A FORM ACCEPTABLE TO THE DISTRICT.
[1303(b)(2)-OFFSET]
10. WITHIN 14 CALENDAR DAYS AFTER THE END OF EACH MONTH, THE OPERATOR SHALL TOTAL AND RECORD VOC EMISSIONS FOR THE MONTH FROM ALL EQUIPMENT COVERED BY THE MONTHLY LIMIT. THE RECORD SHALL INCLUDE ANY PROCEDURES USED TO ACCOUNT FOR CONTROL DEVICE EFFICIENCIES AND/OR WASTE DISPOSAL. IT SHALL BE SIGNED AND CERTIFIED FOR ACCURACY BY THE HIGHEST RANKING MANAGEMENT OFFICIAL RESPONSIBLE FOR COMPLIANCE WITH DISTRICT RULES.
[RULE 1303(b)(2)-OFFSET]
11. THE OPERATOR SHALL MAINTAIN A SINGLE LIST WHICH INCLUDES ONLY THE NAME AND ADDRESS OF EACH PERSON FROM WHOM THE FACILITY ACQUIRED VOC-CONTAINING MATERIAL REGULATED BY THE DISTRICT THAT WAS USED OR STORED AT THE FACILITY DURING THE PRECEDING 12 MONTHS.
[RULE 1303(b)(2)-OFFSET]
12. THE OPERATOR SHALL RETAIN FOR 5 YEARS ALL PURCHASE INVOICES FOR ALL VOC-CONTAINING MATERIAL USED OR STORED AT THE FACILITY, AND ALL WASTE MANIFESTS FOR ALL WASTE VOC-CONTAINING MATERIAL REMOVED FROM THE FACILITY.
[RULE 1303(b)(2)-OFFSET]
13. MATERIAL SAFETY DATA SHEETS FOR ALL COATINGS AND SOLVENT USED AT THIS FACILITY SHALL BE KEPT CURRENT AND MADE AVAILABLE TO ANY DISTRICT REPRESENTATIVE UPON REQUEST.
[RULE 1124, RULE 1303(b)(2)-OFFSET, RULE 1401]
14. ALL RECORDS REQUIRED BY THIS PERMIT SHALL BE RETAINED AT THE FACILITY FOR 5 YEARS, AND SHALL BE MADE AVAILABLE TO ANY DISTRICT REPRESENTATIVE UPON REQUEST.
[RULE 1124, RULE 1303(b)(2)-OFFSET, RULE 1401]
15. THE OPERATOR SHALL DETERMINE AND RECORD THE PRESSURE DROP ACROSS THE FILTER ONCE EVERY WEEK.
[RULE 3004 (a)(4)]
16. THE OPERATOR SHALL PERFORM A WEEKLY INSPECTION OF THE EQUIPMENT AND FILTER MEDIA FOR LEAKS, BROKEN OR TORN FILTER MEDIA AND IMPROPERLY INSTALLED FILTER MEDIA. 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;

Periodic Monitoring:



FACILITY PERMIT TO OPERATE CONSOLIDATED FOUNDRIES - POMONA

- B. THE DATE, TIME AND RESULTS OF THE INSPECTION; AND
 - C. THE DATE, TIME AND DESCRIPTION OF ANY MAINTENANCE OR REPAIRS RESULTING FROM THE INSPECTION.
- [RULE 3004 (a)(4)]

Emissions And Requirements:

- 17. THIS EQUIPMENT IS SUBJECT TO THE APPLICABLE REQUIREMENTS OF THE FOLLOWING RULES AND REGULATIONS:
 - VOC: RULE 109
 - VOC: RULE 1124, SEE APPENDIX B FOR EMISSION LIMITS
 - VOC: RULE 1171, SEE APPENDIX B FOR EMISSION LIMITS
 - PM: RULE 481
 - PM: RULE 404, SEE APPENDIX B FOR EMISSION LIMITS



**FACILITY PERMIT TO OPERATE
CONSOLIDATED FOUNDRIES - POMONA**

PERMIT TO OPERATE

**Permit No. F38926
A/N 379896**

Equipment Description:

SPRAY BOOTH, AMERICAN AIR, BENCH TYPE, 4' W. X 4' L. X 7' H., WITH FOUR 20" X 20" EXHAUST FILTERS, FIFTEEN 24" X 24" X 11 1/2" AFTER-FILTERS (HEPA) AND ONE 50 H.P. EXHAUST FAN COMMON WITH ANOTHER SPRAY BOOTH.

Conditions:

1. OPERATION OF THIS EQUIPMENT SHALL BE CONDUCTED IN ACCORDANCE WITH ALL DATA AND SPECIFICATIONS SUBMITTED WITH THE APPLICATION UNDER WHICH THIS PERMIT IS ISSUED UNLESS OTHERWISE NOTED BELOW.
[RULE 204]
2. THIS EQUIPMENT SHALL BE PROPERLY MAINTAINED AND KEPT IN GOOD OPERATING CONDITION AT ALL TIMES.
[RULE 204]
3. THIS SPRAY BOOTH SHALL NOT BE OPERATED UNLESS ALL EXHAUST AIR PASSES THROUGH FILTER MEDIA AT LEAST 2 INCHES THICK.
[RULE 1303(a)(1)-BACT]
4. A GAUGE SHALL BE INSTALLED TO INDICATE, IN INCHES OF WATER, THE STATIC PRESSURE DIFFERENTIAL ACROSS THE EXHAUST FILTERS. IN OPERATION, THE PRESSURE DIFFERENTIAL SHALL NOT EXCEED 0.25 INCH OF WATER.
[RULE 1303(a)(1)-BACT]
5. THE TOTAL AMOUNT OF VOC EMISSIONS DISCHARGED TO THE ATMOSPHERE FROM THIS EQUIPMENT AT THIS FACILITY SHALL NOT EXCEED 20 POUNDS IN ANY ONE DAY AND 433 POUNDS IN ANY CALENDAR MONTH.
[RULE 1303(b)(2)-OFFSET]
6. THIS EQUIPMENT SHALL BE OPERATED IN COMPLIANCE WITH RULE 1124.
[RULE 1124]
7. NO METHYL CHLOROFORM (1,1,1-TRICHLOROETHANE) SOLVENT SHALL BE USED IN THIS EQUIPMENT.
[RULE 1401]
8. THE OPERATOR SHALL COMPLY WITH RULE 109 (RECORDKEEPING FOR VOLATILE ORGANIC COMPOUND EMISSIONS).
[RULE 109, 1303(b)(2)-OFFSET]



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9. COATINGS, REDUCERS, THINNERS, AND WASH SOLVENTS USED IN THIS EQUIPMENT SHALL NOT CONTAIN ANY COMPOUNDS IDENTIFIED AS CARCINOGENIC AIR CONTAMINANTS IN RULE 1401, AS AMENDED DECEMBER 7, 1990.
[RULE 1401]
10. IN ADDITION TO THE RECORD KEEPING REQUIREMENTS OF RULE 109, THE OPERATOR SHALL KEEP ADEQUATE RECORDS FOR THIS FACILITY TO VERIFY DAILY VOLATILE ORGANIC COMPOUND (VOC) EMISSIONS IN POUNDS, THE VOC CONTENT OF EACH MATERIAL, AS APPLIED (INCLUDING WATER AND EXEMPT COMPOUNDS), AND THE AMOUNT OF EACH MATERIAL USED. ALL RECORDS SHALL BE PREPARED IN A FORM ACCEPTABLE TO THE DISTRICT.
[1303(b)(2)-OFFSET]
11. WITHIN 14 CALENDAR DAYS AFTER THE END OF EACH MONTH, THE OPERATOR SHALL TOTAL AND RECORD VOC EMISSIONS FOR THE MONTH FROM ALL EQUIPMENT COVERED BY THE MONTHLY LIMIT. THE RECORD SHALL INCLUDE ANY PROCEDURES USED TO ACCOUNT FOR CONTROL DEVICE EFFICIENCIES AND/OR WASTE DISPOSAL. IT SHALL BE SIGNED AND CERTIFIED FOR ACCURACY BY THE HIGHEST RANKING MANAGEMENT OFFICIAL RESPONSIBLE FOR COMPLIANCE WITH DISTRICT RULES.
[RULE 1303(b)(2)-OFFSET]
12. THE OPERATOR SHALL MAINTAIN A SINGLE LIST WHICH INCLUDES ONLY THE NAME AND ADDRESS OF EACH PERSON FROM WHOM THE FACILITY ACQUIRED VOC-CONTAINING MATERIAL REGULATED BY THE DISTRICT THAT WAS USED OR STORED AT THE FACILITY DURING THE PRECEDING 12 MONTHS.
[RULE 1303(b)(2)-OFFSET]
13. THE OPERATOR SHALL RETAIN FOR 5 YEARS ALL PURCHASE INVOICES FOR ALL VOC-CONTAINING MATERIAL USED OR STORED AT THE FACILITY, AND ALL WASTE MANIFESTS FOR ALL WASTE VOC-CONTAINING MATERIAL REMOVED FROM THE FACILITY.
[RULE 1303(b)(2)-OFFSET]
14. MATERIAL SAFETY DATA SHEETS FOR ALL COATINGS AND SOLVENT USED AT THIS FACILITY SHALL BE KEPT CURRENT AND MADE AVAILABLE TO ANY DISTRICT REPRESENTATIVE UPON REQUEST.
[RULE 1124, RULE 1303(b)(2)-OFFSET, RULE 1401]
15. ALL RECORDS REQUIRED BY THIS PERMIT SHALL BE RETAINED AT THE FACILITY FOR 5 YEARS, AND SHALL BE MADE AVAILABLE TO ANY DISTRICT REPRESENTATIVE UPON REQUEST.
[RULE 1124, RULE 1303(b)(2)-OFFSET, RULE 1401]

Periodic Monitoring:

16. THE OPERATOR SHALL DETERMINE AND RECORD THE PRESSURE DROP ACROSS THE FILTER ONCE EVERY WEEK.
[RULE 3004 (a)(4)]
17. THE OPERATOR SHALL PERFORM A WEEKLY INSPECTION OF THE EQUIPMENT AND FILTER



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MEDIA FOR LEAKS, BROKEN OR TORN FILTER MEDIA AND IMPROPERLY INSTALLED FILTER MEDIA. 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 RESULTING FROM THE INSPECTION.

[RULE 3004 (a)(4)]

Emissions And Requirements:

18. THIS EQUIPMENT IS SUBJECT TO THE APPLICABLE REQUIREMENTS OF THE FOLLOWING RULES AND REGULATIONS:

VOC: RULE 109
VOC: RULE 1124, SEE APPENDIX B FOR EMISSION LIMITS
VOC: RULE 1171, SEE APPENDIX B FOR EMISSION LIMITS
PM: RULE 481
PM: RULE 404, SEE APPENDIX B FOR EMISSION LIMITS



**FACILITY PERMIT TO OPERATE
CONSOLIDATED FOUNDRIES - POMONA**

PERMIT TO OPERATE

**Permit No. F60347
A/N 383372**

Equipment Description:

1. CORROSION PROTECTION TANK, SOLUTION 5, CHROMIC ACID-NITRIC ACID-AMMONIUM BIFLOURIDE ACID, 3'-0" W X 6'-0" L X 4'-0" H, AND UNHEATED.
2. ASSOCIATED RINSE TANKS.

Conditions:

1. OPERATION OF THIS EQUIPMENT SHALL BE CONDUCTED IN COMPLIANCE WITH ALL DATA AND SPECIFICATIONS SUBMITTED WITH THE APPLICATION UNDER WHICH THIS PERMIT IS ISSUED UNLESS OTHERWISE NOTED BELOW.
[RULE 204]
2. THIS EQUIPMENT SHALL BE PROPERLY MAINTAINED AND KEPT IN GOOD OPERATING CONDITION AT ALL TIMES.
[RULE 204]



**FACILITY PERMIT TO OPERATE
CONSOLIDATED FOUNDRIES - POMONA**

PERMIT TO OPERATE

**Permit No. G17663
A/N 514159**

Equipment Description:

SAND MIXING SYSTEM, NO. 1, CONSISTING OF:

1. SAND RECEIVING, FROM SAND BAG, 3' W. X 3'L. X 3' H.
2. PORTABLE MIXER, TINKER OMEGA, CONTINUOUS TYPE, ENCLOSED, MODEL TOM-125, 5.5-HP.

Conditions:

1. OPERATION OF THIS EQUIPMENT SHALL BE CONDUCTED IN ACCORDANCE WITH ALL DATA AND SPECIFICATIONS SUBMITTED WITH THE APPLICATION UNDER WHICH THIS PERMIT IS ISSUED UNLESS OTHERWISE NOTED BELOW.
[RULE 204]
2. THIS EQUIPMENT SHALL BE PROPERLY MAINTAINED AND KEPT IN GOOD OPERATING CONDITION AT ALL TIMES.
[RULE 204]
3. THE TOTAL AMOUNT OF SAND CHARGED INTO THIS SYSTEM SHALL NOT EXCEED 63 TONS IN ANY ONE MONTH.
[RULE 1303(b)(2)-OFFSET]
4. THE TOTAL AMOUNT OF BINDERS CHARGED INTO THIS SYSTEM SHALL NOT EXCEED 1,260 POUNDS IN ANY ONE MONTH.
[RULE 1303(b)(2)-OFFSET]
5. THE TOTAL AMOUNT OF CATALYST CHARGED INTO THIS SYSTEM SHALL NOT EXCEED 63 POUNDS IN ANY ONE MONTH.
[RULE 1303(b)(2)-OFFSET]
6. THE OPERATOR SHALL NOT PROCESS ANY MATERIALS THROUGH THIS EQUIPMENT THAT CONTAIN ANY MATERIAL IDENTIFIED AS A TOXIC AIR CONTAMINANT IN RULE 1401 AS AMENDED SEPTEMBER 10, 2010, EXCEPT AS FOLLOWS:
 - BENZENE (CAS# 71-43-2)
 - ETHYL BENZENE (CAS# 100-41-4)
 - FORMALDEHYDE (CAS# 50-00-0)
 - METHYLENE PHENYL DIISOYANATE (CAS# 101-68-8)
 - NAPHTHALENE (CAS# 91-20-3)
 - PHENOL (CAS# 108-95-2)
 - TOLUENE (CAS# 108-88-3)
 - XYLENE (CAS# 1330-20-7)[RULE 1401]



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7. THE TOTAL AMOUNT OF RULE 1401 COMPOUNDS PROCESSED THROUGH THIS SYSTEM SHALL NOT EXCEED THE FOLLOWING LIMITS:
- BENZENE – 0.013 LB/MON.
 - ETHYL BENZENE – 3.8 LBS/MON.
 - FORMALDEHYDE – 1.3 LBS/MON.
 - METHYLENE PHENYL DIISOCYANATE – 284 LBS/MON.
 - NAPHTHALENE – 16.6 LBS/MON.
 - PHENOL – 69.5 LBS/MON.
 - TOLUENE – 0.013 LB/MON.
 - XYLENE – 0.7 LB/MON.
- [RULE 1401]
8. THE OPERATOR SHALL KEEP DAILY RECORDS TO VERIFY THE AMOUNT OF SAND, BINDER, AND CATALYST USAGE. SUCH RECORDS SHALL BE MAINTAINED ON FILE FOR A MINIMUM OF FIVE YEARS AND SHALL BE MADE AVAILABLE TO THE EXECUTIVE OFFICER UPON REQUEST.
[RULE 1303(b)(2)-OFFSET]

Periodic Monitoring:

9. 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 DID NOT OPERATE DURING THE ENTIRE ANNUAL PERIOD. THE ROUTINE ANNUAL 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 EITHER:
- A. 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;
 - B. 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
 - C. 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:
- A. STACK OR EMISSION POINT IDENTIFICATION;
 - B. DESCRIPTION OF ANY CORRECTIVE ACTIONS TAKEN TO ABATE VISIBLE EMISSIONS;
 - C. DATE AND TIME VISIBLE EMISSION WAS ABATED; AND
 - D. VISIBLE EMISSION OBSERVATION RECORDED BY A CERTIFIED SMOKE READER.
- [RULE 3004 (a)(4)]



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Emissions And Requirements:

10. THIS EQUIPMENT IS SUBJECT TO THE APPLICABLE REQUIREMENTS OF THE FOLLOWING RULES AND REGULATIONS:

PM: RULE 405, SEE APPENDIX B FOR EMISSION LIMITS



FACILITY PERMIT TO OPERATE CONSOLIDATED FOUNDRIES - POMONA

PERMIT TO OPERATE

Permit No. R-F75658
A/N 436442

Equipment Description:

AIR POLLUTION CONTROL SYSTEM CONSISTING OF:

1. BAGHOUSE, ROSS COOK, MODEL NO. RCZ 4DCFB, WITH 7 BAGS, EACH 6" DIA. X 57" LONG, 36 SQ.FT. TOTAL FILTER AREA.
2. EXHAUST SYSTEM WITH A 7.5-HP BLOWER VENTING A RECEIVING HOPPER OF THE DEPENDABLE CENTURION SAND BLENDING SYSTEM.

Conditions:

1. OPERATION OF THIS EQUIPMENT SHALL BE CONDUCTED IN COMPLIANCE WITH ALL DATA AND SPECIFICATIONS SUBMITTED WITH THE APPLICATION UNDER WHICH THIS PERMIT IS ISSUED UNLESS OTHERWISE NOTED BELOW.
[RULE 204]
2. THIS EQUIPMENT SHALL BE PROPERLY MAINTAINED AND KEPT IN GOOD OPERATING CONDITION AT ALL TIMES.
[RULE 204]
3. A MECHANICAL GAUGE SHALL BE INSTALLED AS TO INDICATE, IN INCHES WATER COLUMN, THE STATIC PRESSURE DIFFERENTIAL ACROSS THE BAGS.
[RULE 1303(a)(1)-BACT]
4. DUSTS COLLECTED IN THE DUST COLLECTOR SHALL BE DISCHARGED ONLY INTO CLOSED CONTAINERS.
[RULE 401, 1303(a)(1)-BACT]
5. THE OPERATOR SHALL SHAKE TO CLEAN THE BAGS IN THE BAGHOUSE AFTER EACH LOAD OF SAND THAT IS CHARGED TO THE HOPPER.
[RULE 1303(a)(1)-BACT]

Periodic Monitoring:

6. THE OPERATOR SHALL PERFORM AN ANNUAL INSPECTION OF THE EQUIPMENT AND FILTER MEDIA FOR LEAKS, BROKEN OR TORN FILTER MEDIA AND IMPROPERLY INSTALLED FILTER MEDIA. 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 RESULTING FROM THE INSPECTION.



**FACILITY PERMIT TO OPERATE
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[RULE 3004 (a)(4)]

7. 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:
- A. STACK OR EMISSION POINT IDENTIFICATION;
 - B. DESCRIPTION OF ANY CORRECTIVE ACTIONS TAKEN TO ABATE VISIBLE EMISSIONS; AND
 - C. DATE AND TIME VISIBLE EMISSION WAS ABATED.

[RULE 3004 (a)(4)]

Emissions And Requirements:

8. THIS EQUIPMENT IS SUBJECT TO THE APPLICABLE REQUIREMENTS OF THE FOLLOWING RULES AND REGULATIONS:

PM: RULE 404, SEE APPENDIX B FOR EMISSION LIMITS



FACILITY PERMIT TO OPERATE CONSOLIDATED FOUNDRIES - POMONA

PERMIT TO CONSTRUCT

Permit No.
A/N 514984

Equipment Description:

FURNACE, ALUMINUM MELTING, NO. 1, CRUCIBLE, MORGAN, MODEL EL 300, 660 LB CAPACITY, 21 KW.

Conditions:

1. OPERATION OF THIS EQUIPMENT SHALL BE CONDUCTED IN COMPLIANCE WITH ALL DATA AND SPECIFICATIONS SUBMITTED WITH THE APPLICATION UNDER WHICH THIS PERMIT IS ISSUED UNLESS OTHERWISE NOTIFIED BELOW.
[RULE 204]
2. THIS EQUIPMENT SHALL BE PROPERLY MAINTAINED AND KEPT IN GOOD OPERATING CONDITION AT ALL TIMES.
[RULE 204]
3. METAL CONTAMINATED WITH RUBBER, PLASTICS, PAPER, RAGS, OIL, GREASE, OR SIMILAR SMOKE PRODUCING MATERIAL SHALL, NOT BE CHARGED TO THIS FURNACE.
[RULE 401, 1303(a)(1)-BACT, 1407-EXEMPTION]
4. THE OPERATOR SHALL LIMIT THE TOTAL AMOUNT OF MATERIAL MELTED, INCLUDING BERYLLIUM CONTAINING MATERIAL, IN THIS FURNACE TO NOT MORE THAN 150,000 POUNDS IN ANY ONE MONTH.
[RULE 1303(b)(2)-OFFSET]
5. THE OPERATOR SHALL LIMIT THE TOTAL AMOUNT OF MATERIAL, CONTAINING BERYLLIUM, MELTED IN THIS FURNACE TO NOT MORE THAN 28,000 POUNDS IN ANY ONE MONTH. FOR THE PURPOSE OF THIS CONDITION, THE BERYLLIUM CONTAINING MATERIAL SHALL CONTAIN BERYLLIUM OF NO GREATER THAN 0.07 PERCENT, BY WEIGHT.
[RULE 1303(b)(2)-OFFSET, RULE 1304(a)(1)-OFFSET/MODELING EXEMPTION]
6. THE OPERATOR SHALL LIMIT THE NICKEL (NI) CONTENT OF ALL MATERIAL MELTED TO NOT GREATER THAN 0.05 PERCENT, BY WEIGHT.
[RULE 1304(a)(1)-OFFSET/MODELING EXEMPTION]
7. THIS EQUIPMENT SHALL BE OPERATED NO MORE THAN 90-DAYS CONCURRENTLY, DURING START-UP, WITH EXISTING FURNACE WITH P/O F39029, A/N 379822, WHICH THIS EQUIPMENT IS REPLACING.
[RULE 1313(d)]

Periodic Monitoring:

8. THE OPERATOR SHALL CONDUCT AN INSPECTION FOR VISIBLE EMISSIONS FROM ALL STACKS



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AND OTHER EMISSION POINTS OF THIS EQUIPMENT WHENEVER THERE IS A PUBLIC COMPLAINT OF VISIBLE EMISSIONS, WHENEVER VISIBLE EMISSIONS ARE OBSERVED, AND ON A SEMI-ANNUAL BASIS, AT LEAST, UNLESS THE EQUIPMENT DID NOT OPERATE DURING THE ENTIRE SEMI-ANNUAL PERIOD. THE ROUTINE SEMI-ANNUAL 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 EITHER:

- A. 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;
- B. 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
- C. 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:

- A. STACK OR EMISSION POINT IDENTIFICATION;
- B. DESCRIPTION OF ANY CORRECTIVE ACTIONS TAKEN TO ABATE VISIBLE EMISSIONS;
- C. DATE AND TIME VISIBLE EMISSION WAS ABATED; AND
- D. VISIBLE EMISSION OBSERVATION RECORDED BY A CERTIFIED SMOKE READER.
[RULE 3004 (a)(4)]

Emissions And Requirements:

9. THIS EQUIPMENT IS SUBJECT TO THE APPLICABLE REQUIREMENTS OF THE FOLLOWING RULES AND REGULATIONS:

PM: RULE 405, SEE APPENDIX B FOR EMISSION LIMITS



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PERMIT TO CONSTRUCT

Permit No.
A/N 514985

Equipment Description:

FURNACE, ALUMINUM MELTING, NO. 2, CRUCIBLE, MORGAN, MODEL EL 500, 975 LB CAPACITY, 36 KW.

Conditions:

1. OPERATION OF THIS EQUIPMENT SHALL BE CONDUCTED IN COMPLIANCE WITH ALL DATA AND SPECIFICATIONS SUBMITTED WITH THE APPLICATION UNDER WHICH THIS PERMIT IS ISSUED UNLESS OTHERWISE NOTIFIED BELOW.
[RULE 204]
2. THIS EQUIPMENT SHALL BE PROPERLY MAINTAINED AND KEPT IN GOOD OPERATING CONDITION AT ALL TIMES.
[RULE 204]
3. METAL CONTAMINATED WITH RUBBER, PLASTICS, PAPER, RAGS, OIL, GREASE, OR SIMILAR SMOKE PRODUCING MATERIAL SHALL, NOT BE CHARGED TO THIS FURNACE.
[RULE 401, 1303(a)(1)-BACT, 1407-EXEMPTION]
4. THE OPERATOR SHALL LIMIT THE TOTAL AMOUNT OF MATERIAL MELTED, INCLUDING BERYLLIUM CONTAINING MATERIAL, IN THIS FURNACE TO NOT MORE THAN 150,000 POUNDS IN ANY ONE MONTH.
[RULE 1303(b)(2)-OFFSET]
5. THE OPERATOR SHALL LIMIT THE TOTAL AMOUNT OF MATERIAL, CONTAINING BERYLLIUM, MELTED IN THIS FURNACE TO NOT MORE THAN 28,000 POUNDS IN ANY ONE MONTH. FOR THE PURPOSE OF THIS CONDITION, THE BERYLLIUM CONTAINING MATERIAL SHALL CONTAIN BERYLLIUM OF NO GREATER THAN 0.07 PERCENT, BY WEIGHT.
[RULE 1303(b)(2)-OFFSET, RULE 1304(a)(1)-OFFSET/MODELING EXEMPTION]
6. THE OPERATOR SHALL LIMIT THE NICKEL (NI) CONTENT OF ALL MATERIAL MELTED TO NOT GREATER THAN 0.05 PERCENT, BY WEIGHT.
[RULE 1304(a)(1)-OFFSET/MODELING EXEMPTION]
7. THIS EQUIPMENT SHALL BE OPERATED NO MORE THAN 90-DAYS CONCURRENTLY, DURING START-UP, WITH EXISTING FURNACE WITH P/O F39030, A/N 379824, WHICH THIS EQUIPMENT IS REPLACING.
[RULE 1313(d)]

Periodic Monitoring:



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8. 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 SEMI-ANNUAL BASIS, AT LEAST, UNLESS THE EQUIPMENT DID NOT OPERATE DURING THE ENTIRE SEMI-ANNUAL PERIOD. THE ROUTINE SEMI-ANNUAL 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 EITHER:
- A. 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;
 - B. 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
 - C. 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:

- A. STACK OR EMISSION POINT IDENTIFICATION;
 - B. DESCRIPTION OF ANY CORRECTIVE ACTIONS TAKEN TO ABATE VISIBLE EMISSIONS;
 - C. DATE AND TIME VISIBLE EMISSION WAS ABATED; AND
 - D. VISIBLE EMISSION OBSERVATION RECORDED BY A CERTIFIED SMOKE READER.
- [RULE 3004 (a)(4)]

Emissions And Requirements:

9. THIS EQUIPMENT IS SUBJECT TO THE APPLICABLE REQUIREMENTS OF THE FOLLOWING RULES AND REGULATIONS:

PM: RULE 405, SEE APPENDIX B FOR EMISSION LIMITS



FACILITY PERMIT TO OPERATE CONSOLIDATED FOUNDRIES - POMONA

RULE 219 EQUIPMENT

Equipment Description:

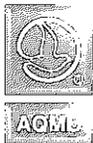
RULE 219 EXEMPT EQUIPMENT, TANK, CHEMICAL FILM, UNHEATED, 8' L. X 4' W. X 4' L., 1,000 GAL. CAPACITY.

Conditions:

1. THIS EQUIPMENT SHALL BE PROPERLY MAINTAINED AND KEPT IN GOOD OPERATING CONDITION AT ALL TIMES.
[RULE 204]
2. THE TOTAL QUANTITY OF IRIDITE 14-2 CHARGED INTO THIS EQUIPMENT SHALL NOT EXCEED 722 POUNDS IN ANY ONE MONTH.
[RULE 219(p)(4)(F), RULE 219(s)(2)]
3. THE OPERATOR SHALL NOT PROCESS ANY MATERIALS IN THIS EQUIPMENT THAT CONTAIN ANY RULE 1401 COMPOUNDS, WITH THE EXCEPTION OF:
IRIDITE 14-2, WITH A USAGE LIMIT OF 722 LBS/MONTH.
[RULE 1401]
4. RECORDS SHALL BE MAINTAINED TO ENSURE CONTINUED COMPLIANCE WITH CONDITIONS 2 AND 3 ABOVE. [RULE 1401]

Emissions And Requirements:

1. THIS EQUIPMENT IS SUBJECT TO THE APPLICABLE REQUIREMENTS OF THE FOLLOWING RULES AND REGULATIONS.
RULE 1401



FACILITY PERMIT TO OPERATE CONSOLIDATED FOUNDRIES - POMONA

RULE 219 EQUIPMENT

Equipment Description:

RULE 219 EXEMPT EQUIPMENT, COATING EQUIPMENT, PORTABLE, ARCHITECTURAL COATINGS.

Periodic Monitoring:

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 OF ALL COATINGS 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 COATING.

FOR OTHER 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 COATING.
[RULE 3004 (a) (4)]

Emissions And Requirements:

2. THIS EQUIPMENT IS SUBJECT TO THE APPLICABLE REQUIREMENTS OF THE FOLLOWING RULES AND REGULATION:

VOC: RULE 1113, SEE APPENDIX B FOR EMISSION LIMITS
VOC: RULE 1171, SEE APPENDIX B FOR EMISSION LIMITS



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RULE 219 EQUIPMENT

Equipment Description:

RULE 219 EXEMPT EQUIPMENT, HAND WIPING OPERATIONS.

Emissions And Requirements:

1. THIS EQUIPMENT IS SUBJECT TO THE APPLICABLE REQUIREMENTS OF THE FOLLOWING RULES AND REGULATION:

VOC: RULE 1171, SEE APPENDIX B FOR EMISSION LIMITS



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RULE 219 EQUIPMENT

Equipment Description:

RULE 219 EXEMPT EQUIPMENT, AIR CONDITIONING UNITS

Emissions And Requirements:

1. THIS EQUIPMENT IS SUBJECT TO THE APPLICABLE REQUIREMENTS OF THE FOLLOWING RULES AND REGULATIONS:
REFRIGERANT: RULE 1415
REFRIGERANT: 40CFR 82 SUBPART F



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RULE 219 EQUIPMENT

Equipment Description:

RULE 219 EXEMPT EQUIPMENT, ABRASIVE BLASTING EQUIPMENT, MANUALLY OPERATED, < 53 FT³, WITH DUST FILTER.

Periodic Monitoring:

1. THE OPERATOR SHALL PERFORM AN ANNUAL INSPECTION OF THE EQUIPMENT AND FILTER MEDIA FOR LEAKS, BROKEN OR TORN FILTER MEDIA AND IMPROPERLY INSTALLED FILTER MEDIA. 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 RESULTING FROM THE INSPECTION.
[RULE 3004 (a)(4)]

2. THE OPERATOR SHALL DISCHARGE DUST COLLECTED IN THIS EQUIPMENT ONLY INTO CLOSED CONTAINERS.
[RULE 3004 (a)(4)]

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 DID NOT OPERATE DURING THE ENTIRE ANNUAL PERIOD. THE ROUTINE ANNUAL 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:
 - D. STACK OR EMISSION POINT IDENTIFICATION;
 - E. DESCRIPTION OF ANY CORRECTIVE ACTIONS TAKEN TO ABATE VISIBLE EMISSIONS; AND
 - F. DATE AND TIME VISIBLE EMISSION WAS ABATED.
[RULE 3004 (a)(4)]

Emissions And Requirements:

4. THIS EQUIPMENT IS SUBJECT TO THE APPLICABLE REQUIREMENTS OF THE FOLLOWING RULES AND REGULATIONS:



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PM: RULE 404, SEE APPENDIX B FOR EMISSION LIMITS
PM: RULE 405, SEE APPENDIX B FOR EMISSION LIMITS
PM: RULE 1140, SEE APPENDIX B FOR EMISSION LIMITS



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

