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

| Title Page | |
|---|---|
| Facility ID: | 000392 |
| Revision #: | 5 |
| Date: | April 27, 2011 |

# FACILITY PERMIT TO OPERATE

**TAYLOR-DUNN MFG CO**
**2114 W BALL RD**
**ANAHEIM, CA 92804**

## 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
# TAYLOR-DUNN MFG CO

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# FACILITY PERMIT TO OPERATE
# TAYLOR-DUNN MFG CO

## SECTION A: FACILITY INFORMATION

| | |
|---|---|
| **LEGAL OWNER &/OR OPERATOR:** | TAYLOR-DUNN MFG CO |
| **LEGAL OPERATOR (if different than owner):** | |
| **EQUIPMENT LOCATION:** | 2114 W BALL RD<br>ANAHEIM, CA 92804-5498 |
| **MAILING ADDRESS:** | 2114 W BALL RD<br>ANAHEIM, CA 92804 |
| **RESPONSIBLE OFFICIAL:** | MARTY GOODWIN |
| **TITLE:** | VICE PRESIDENT |
| **TELEPHONE NUMBER:** | (714) 956-4040 |
| **CONTACT PERSON:** | BRAD HEIN |
| **TITLE:** | FACILITY & MAINTENANCE SUPERVISOR |
| **TELEPHONE NUMBER:** | (714) 956-4040 |
| **TITLE V PERMIT ISSUED:** | April 27, 2011 |
| **TITLE V PERMIT EXPIRATION DATE:** | April 26, 2016 |

| TITLE V | RECLAIM | |
|---|---|---|
| YES | NOx: | NO |
| | SOx: | NO |
| | CYCLE: | 0 |
| | ZONE: | COASTAL |

# FACILITY PERMIT TO OPERATE
# TAYLOR-DUNN MFG CO

## SECTION B: RECLAIM ANNUAL EMISSION ALLOCATION

NOT APPLICABLE

# FACILITY PERMIT TO OPERATE
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## SECTION C: FACILITY PLOT PLAN

(TO BE DEVELOPED)

# FACILITY PERMIT TO OPERATE
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## Facility Equipment and Requirements
**(Section D)**

This section consists of a table listing all permitted equipment at the facility, facility wide requirements, copies of 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
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## 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 |
|---|---|---|
| 476641 | F97919 | SPRAY BOOTH PAINT AND SOLVENT |
| 476642 | F97920 | SPRAY BOOTH PAINT AND SOLVENT |
| 476643 | F97921 | SPRAY BOOTH PAINT AND SOLVENT |
| 476644 | F97922 | SPRAY BOOTH PAINT AND SOLVENT |
| 468736 | G6791 | LASER CUTTER |
| 468737 | G6792 | LASER CUTTER |
| 473945 | G6793 | DUST COLLECTOR |
| 473948 | G6794 | DUST COLLECTOR |

**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.

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## 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. TO MAINTAIN EXMPTION FROM THE NATIONAL EMISSION STANDARDS FOR HAZARDOUS AIR POLLUTANTS (NESHAP) REQUIREMENTS, THE TOTAL QUANTITY OF HAZARDOUS AIR POLLUTANT (HAP) EMISSIONS FROM THIS FACILITY SHALL NOT EXCEED 10 TONS (20,000 POUNDS) OF A SINGLE HAP OR 25 TONS (50,000 POUNDS) OF A COMBINATION OF HAPS IN ANY TWELVE CALENDAR MONTH PERIOD.
   [40 CFR63 SUBPART MMMM]

3. TO ENSURE COMPLIANCE WITH THE MONTHLY EMISSION CAP(S) OF THIS PERMIT, THE FACILITY OPERATOR SHALL:
   (A) IN ADDITION TO THE RECORDKEEPING REQUIREMENTS OF RULE 109, KEEP ADEQUATE RECORDS FOR THIS EQUIPMENT AND THIS FACILITY TO VERIFY THE MONTHLY HAP EMISSIONS IN POUNDS AND THE HAP CONTENT OF EACH MATERIAL AS APPLIED (INCLUDING WATER AND EXEMPT COMPOUNDS). THE RECORDS SHALL BE PREPARED IN A FORMAT WHICH IS ACCEPTABLE TO THE DISTRICT.
   (B) WITHIN 14 CALENDAR DAYS AFTER THE END OF EACH MONTH, TOTAL AND RECORD HAP EMISSIONS FOR THE MONTH FROM ALL EQUIPMENT AND OPERATIONS THAT ARE REQUIRED TO HAVE WRITTEN PERMITS OR ARE EXEMPT FROM WRITTEN PERMITS PURSUANT TO RULE 219. 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 INDIVIDUAL RESPONSIBLE FOR COMPLIANCE WITH DISTRICT RULES.
   (C) MAINTAIN A SINGLE LIST WHICH INCLUDES ONLY THE NAME AND ADDRESS OF EACH PERSON FROM WHOM THE FACILITY ACQUIRED HAP-CONTAINING MATERIAL REGULATED BY THE DISTRICT THAT WAS USED OR STORED AT THE FACILITY DURING THE PRECEDING 12 MONTHS.
   (D) RETAIN ALL PURCHASE INVOICES FOR ALL HAP-CONTAINING MATERIAL USED OR STORED AT THE FACILITY, AND ALL WASTE MANIFESTS FOR ALL WASTE HAP-CONTAINING MATERIAL REMOVED FROM THE FACILITY, FOR FIVE YEARS.
   [40 CFR63 SUBPART MMMM]

4. 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.
   [40 CFR63 SUBPART MMMM]

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## PERMIT TO OPERATE

**Permit No. F97919**
**A/N 476641**

**Equipment Description:**

SPRAY BOOTH NO. 1, FLOOR-FILTER TYPE, 12'–0" W. X 12'-0" L. X 7'–0" H., WITH TWENTY-EIGHT 20" X 20" EXHAUST FILTERS AND ONE 5 HP EXHAUST FAN.

**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 1 INCH THICK.
[RULE 1303(a)(1)-BACT]

4. ORGANIC SOLVENTS AND/OR COATINGS CONTAINING ORGANIC SOLVENTS USED IN THIS EQUIPMENT WHICH ARE NOT SUBJECT TO RULE 1107 SHALL BE CLEARLY LABELED AS NON-PHOTOCHEMICALLY REACTIVE BY THE SUPPLIER OR, FOR BULK SHIPMENTS, SHOWN TO BE NON-PHOTOCHEMICALLY REACTIVE ON BILLS OF LADING OR INVOICES.
[RULE 443]

5. COATINGS, SOLVENTS AND OTHER MATERIALS CONTAINING HEXAVALENT CHROMIUM SHALL NOT BE APPLIED IN THIS EQUIPMENT.
[H&SC 44300]

**Periodic Monitoring:**

6. 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;
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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7. THE OPERATOR SHALL USE THIS EQUIPMENT IN SUCH A MANNER THAT THE DIFFERENTIAL PRESSURE ACROSS THE FILTER DOES NOT EXCEED 0.25 INCHES WATER COLUMN. TO COMPLY WITH THIS CONDITION THE OPERATOR SHALL INSTALL AND MAINTAIN A PRESSURE GAUGE TO ACCURATELY INDICATE THE DIFFERENTIAL PRESSURE ACROSS THE FILTER. THE OPERATOR SHALL DETERMINE AND RECORD THE PARAMETER BEING MONITORED ONCE EVERY 7 DAYS.
[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 481
VOC: RULE 1107, SEE APPENDIX B FOR EMISSION LIMITS
VOC: RULE 1171, SEE APPENDIX B FOR EMISSION LIMITS
VOC: RULE 109

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# TAYLOR-DUNN MFG CO

## PERMIT TO OPERATE

**Permit No. F97920**
**A/N 476642**

**Equipment Description:**

SPRAY BOOTH NO. 2, BINKS, FLOOR TYPE, 6'-0" W. X 4'-0" L. X 7'-0" H., WITH TWELVE 20" X 20" EXHAUST FILTERS AND ONE 3 HP EXHAUST FAN.

**Condtions:**

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 PERMIT DOES NOT AUTHORIZE THE EMISSION OF AIR CONTAMINANTS IN EXCESS OF THOSE ALLOWED BY DIVISION 20, CHAPTER 2, ARTICLE 3, OF THE HEALTH AND SAFETY CODES OF THE STATE OF CALIFORNIA OR THE RULES AND REGULATIONS OF THE AIR POLLUTION CONTROL DISTRICT.
[RULE 204]

4. COATINGS, SOLVENTS AND OTHER MATERIALS CONTAINING HEXAVALENT CHROMIUM SHALL NOT BE APPLIED IN THIS EQUIPMENT.
[H&SC 44300]

**Periodic Monitoring:**

5. 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;
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 USE THIS EQUIPMENT IN SUCH A MANNER THAT THE DIFFERENTIAL PRESSURE ACROSS THE FILTER DOES NOT EXCEED 0.25 INCHES WATER COLUMN. TO COMPLY WITH THIS CONDITION THE OPERATOR SHALL INSTALL AND MAINTAIN A PRESSURE GAUGE

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TO ACCURATELY INDICATE THE DIFFERENTIAL PRESSURE ACROSS THE FILTER. THE OPERATOR SHALL DETERMINE AND RECORD THE PARAMETER BEING MONITORED ONCE EVERY 7 DAYS.
[RULE 3004(a)(4)]

7. THE OPERATOR SHALL NOT USE THIS EQUIPMENT UNLESS ALL EXHAUST AIR PASSES THROUGH FILTER MEDIA AT LEAST TWO INCHES THICK.
[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 481
VOC: RULE 109
VOC: RULE 1107, SEE APPENDIX B FOR EMISSION LIMITS
VOC: RULE 1171, SEE APPENDIX B FOR EMISSION LIMITS

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## PERMIT TO OPERATE

**Permit No. F97921**
**A/N 476643**

**Equipment Description:**

SPRAY BOOTH NO. 3, AUTOMOTIVE TYPE, BINKS, 18'-0" W. X 33'-0" L X 9'-0" H., WITH EIGHTEEN 20" X 20" EXHAUST FILTERS, AND ONE 5 HP EXHAUST FAN.

**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 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 AIR QUALITY MANAGEMENT DISTRICT. THIS PERMIT CANNOT BE CONSIDERED AS PERMISSION TO VIOLATE EXISTING LAWS, ORDINANCES, REGULATIONS OR STATUTES OF OTHER GOVERNMENT AGENCIES.
[RULE 204]

4. COATINGS, SOLVENTS AND OTHER MATERIALS CONTAINING HEXAVALENT CHROMIUM SHALL NOT BE APPLIED IN THIS EQUIPMENT.
[H&SC 44300]

**Periodic Monitoring:**

5. 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;
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 USE THIS EQUIPMENT IN SUCH A MANNER THAT THE DIFFERENTIAL PRESSURE ACROSS THE FILTER DOES NOT EXCEED 0.25 INCHES WATER COLUMN. TO COMPLY

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WITH THIS CONDITION THE OPERATOR SHALL INSTALL AND MAINTAIN A PRESSURE GAUGE TO ACCURATELY INDICATE THE DIFFERENTIAL PRESSURE ACROSS THE FILTER. THE OPERATOR SHALL DETERMINE AND RECORD THE PARAMETER BEING MONITORED ONCE EVERY 7 DAYS.
[RULE 3004(a)(4)]

7. THE OPERATOR SHALL NOT USE THIS EQUIPMENT UNLESS ALL EXHAUST AIR PASSES THROUGH FILTER MEDIA AT LEAST TWO INCHES THICK.
[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 481
VOC: RULE 109
VOC: RULE 1107, SEE APPENDIX B FOR EMISSION LIMITS
VOC: RULE 1171, SEE APPENDIX B FOR EMISSION LIMITS

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## PERMIT TO OPERATE

**Permit No. F97922**
**A/N 476644**

**Equipment Description:**

SPRAY BOOTH NO. 4, BINKS, AUTOMOTIVE TYPE, 12'-0" W. X 21'-0" L. X 9'-0" H., WITH TWELVE 20" X 20" EXHAUST FILTERS, AND ONE 3 HP EXHAUST FAN.

**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 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 AIR QUALITY MANAGEMENT DISTRICT. THIS PERMIT CANNOT BE CONSIDERED AS PERMISSION TO VIOLATE EXISTING LAWS, ORDINANCES, REGULATIONS OR STATUTES OF OTHER GOVERNMENT AGENCIES.
[RULE 204]

4. COATINGS, SOLVENTS AND OTHER MATERIALS CONTAINING HEXAVALENT CHROMIUM SHALL NOT BE APPLIED IN THIS EQUIPMENT.
[H&SC 44300]

**Periodic Monitoring:**

5. 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;
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 USE THIS EQUIPMENT IN SUCH A MANNER THAT THE DIFFERENTIAL PRESSURE ACROSS THE FILTER DOES NOT EXCEED 0.25 INCHES WATER COLUMN. TO COMPLY

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WITH THIS CONDITION THE OPERATOR SHALL INSTALL AND MAINTAIN A PRESSURE GAUGE TO ACCURATELY INDICATE THE DIFFERENTIAL PRESSURE ACROSS THE FILTER. THE OPERATOR SHALL DETERMINE AND RECORD THE PARAMETER BEING MONITORED ONCE EVERY 7 DAYS.
[RULE 3004(a)(4)]

7. THE OPERATOR SHALL NOT USE THIS EQUIPMENT UNLESS ALL EXHAUST AIR PASSES THROUGH FILTER MEDIA AT LEAST TWO INCHES THICK.
[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 481
VOC: RULE 109
VOC: RULE 1107, SEE APPENDIX B FOR EMISSION LIMITS
VOC: RULE 1171, SEE APPENDIX B FOR EMISSION LIMITS

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## PERMIT TO OPERATE

**Permit No. G6791**
**A/N 468736**

**Equipment Description:**

LASER CUTTER NO. 1, TRUMPF, MODEL NO. TRUMATIC TC L 2510, SERIAL NO. A0065, 2000 WATTS.

**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 TO AIR POLLUTION CONTROL EQUIPMENT, WHICH IS IN FULL USE AND WHICH HAS BEEN ISSUED A VALID AQMD PERMIT.
[RULE 1303(a)(1)-BACT, 1401]

4. MATERIALS PROCESSED IN THIS EQUIPMENT SHALL NOT CONTAIN ANY TOXIC AIR CONTAMINANTS IDENTIFIED IN RULE 1401, TABLE 1 WITH AN EFFECTIVE DATE OF MARCH 4, 2005, OR EARLIER, EXCEPT FOR AESENIC (CAS NO. 7440-38-2), BERYLLIUM (CAS NO. 7440-41-7), CADMIUM (7440-43-9), CHROMIUM (CAS NO. 18540-29-9), COPPER (CAS NO. 7440-50-8), LEAD (CAS NO. 7439-92-1), MANGANESE (CAS NO. 7439-96-5), NICKEL (CAS NO. 7440-02-0), SELENIUM (CAS NO. 7782-49-2), AND VANADIUM PENTOXIDE (CAS NO. 1314-62-1).
[RULE 1401]

5. THE METAL PROCESSED IN THIS EQUIPMENT SHALL NOT HAVE TOXIC COMPOUND CONCENTRATIONS (IN PERCENT BY WEIGHT) EXCEEDING THE FOLLOWING:

| | |
|---|---|
| A. ARSENIC | 0.09% |
| B. BERYLLIUM | 0.09% |
| C. CADMIUM | 0.09 |
| D. CHROMIUM | 3% |
| E. COPPER | 1% |
| F. LEAD | 0.1% |
| G. MANGANESE | 2.2% |
| H. NICKEL | 2% |
| I. SELENIUM | 0.9% |
| J. VANADIUM PENTOXIDE | 0.9% |

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THE OPERATOR SHALL MAINTAIN RECORDS TO DEMONSTRATE COMPLIANCE WITH THIS CONDITION.
[RULE 1401]

6. METAL PROCESSED IN THIS EQUIPMENT SHALL NOT HAVE A THICKNESS GREATER THAN 0.5 INCHES.
[RULE 1303(a)(1)-BACT, 1401]

7. THE TOTAL WEIGHT OF METAL BEING CUT IN THIS EQUIPMENT SHALL NOT EXCEED 939 POUNDS IN ANY ONE CALENDAR MONTH. THE TOTAL WEIGHT OF METAL BEING CUT SHALL BE DEFINED BY $D_{TOTAL}$ AS SPECIFIED IN CONDITION NO.8.
[RULE 1303(a)(1)-BACT, 1401]

8. THE OPERATOR SHALL MAINTAIN CALENDER MONTHLY RECORDS OF THE TOTAL WEIGHT OF MATERIAL BEING CUT BY THIS EQUIPMENT. THE RECORDS SHALL INCLUDE THE FOLLOWING INFORMATION FOR EACH TYPE OF METAL CUT :

   a. TYPE OF METAL USED
   b. LENGTH OF CUTS IN INCHES (L)
   c. WIDTH OF CUTS IN INCHES (W)
   d. THICKNESS OF CUTS IN INCHES (T)
   e. THE FOLLOWING CALCULATION SHALL BE PERFORMED FOR EACH DIFFERENT TYPE OF METAL CUT WITH THIS EQUIPMENT:

      TOTAL WEIGHT OF MATERIAL BEING CUT, D = L x W x T x DENSITY (LB/IN3)

      $D_{TOTAL}$ = TOTAL OF ALL VALUES OF "D" FOR EACH TYPE OF MATERIAL

[RULE 1303(a)(1)-BACT, 1401]

9. THE OPERATOR SHALL RETAIN ALL RECORDS REQUIRED BY THIS PERMIT AT THE FACILITY FOR FIVE YEARS, AND MAKE ALL RECORDS AVAILABLE TO ANY DISTRICT REPRESENTATIVE UPON REQUEST.
[RULE 1303(a)(1)-BACT, 1401]

**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 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

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WHICH COMPLIANCE WAS ACHIEVED IN THE PAST, AND EITHER:

A. 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

B. 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:**

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
# TAYLOR-DUNN MFG CO

## PERMIT TO OPERATE

**Permit No. G6792**
**A/N 468737**

**Equipment Description:**

LASER CUTTER NO. 2, TRUMPF, MODEL NO. TRUMATIC TC L 2510, SERIAL NO. A0053, 2000 WATTS.

**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 TO AIR POLLUTION CONTROL EQUIPMENT, WHICH IS IN FULL USE AND WHICH HAS BEEN ISSUED A VALID AQMD PERMIT.
[RULE 1303(a)(1)-BACT, 1401]

4. MATERIALS PROCESSED IN THIS EQUIPMENT SHALL NOT CONTAIN ANY TOXIC AIR CONTAMINANTS IDENTIFIED IN RULE 1401, TABLE 1 WITH AN EFFECTIVE DATE OF MARCH 4, 2005, OR EARLIER, EXCEPT FOR AESENIC (CAS NO. 7440-38-2), BERYLLIUM (CAS NO. 7440-41-7), CADMIUM (7440-43-9), CHROMIUM (CAS NO. 18540-29-9), COPPER (CAS NO. 7440-50-8), LEAD (CAS NO. 7439-92-1), MANGANESE (CAS NO. 7439-96-5), NICKEL (CAS NO. 7440-02-0), SELENIUM (CAS NO. 7782-49-2), AND VANADIUM PENTOXIDE (CAS NO. 1314-62-1).
[RULE 1401]

5. THE METAL PROCESSED IN THIS EQUIPMENT SHALL NOT HAVE TOXIC COMPOUND CONCENTRATIONS (IN PERCENT BY WEIGHT) EXCEEDING THE FOLLOWING:

| | |
|---|---|
| A. ARSENIC | 0.09% |
| B. BERYLLIUM | 0.09% |
| C. CADMIUM | 0.09 |
| D. CHROMIUM | 3% |
| E. COPPER | 1% |
| F. LEAD | 0.1% |
| G. MANGANESE | 2.2% |
| H. NICKEL | 2% |
| I. SELENIUM | 0.9% |
| J. VANADIUM PENTOXIDE | 0.9% |

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THE OPERATOR SHALL MAINTAIN RECORDS TO DEMONSTRATE COMPLIANCE WITH THIS CONDITION.
[RULE 1401]

6. METAL PROCESSED IN THIS EQUIPMENT SHALL NOT HAVE A THICKNESS GREATER THAN 0.5 INCHES.
[RULE 1303(a)(1)-BACT, 1401]

7. THE TOTAL WEIGHT OF METAL BEING CUT IN THIS EQUIPMENT SHALL NOT EXCEED 939 POUNDS IN ANY ONE CALENDAR MONTH. THE TOTAL WEIGHT OF METAL BEING CUT SHALL BE DEFINED BY $D_{TOTAL}$ AS SPECIFIED IN CONDITION NO.8.
[RULE 1303(a)(1)-BACT, 1401]

8. THE OPERATOR SHALL MAINTAIN CALENDER MONTHLY RECORDS OF THE TOTAL WEIGHT OF MATERIAL BEING CUT BY THIS EQUIPMENT. THE RECORDS SHALL INCLUDE THE FOLLOWING INFORMATION FOR EACH TYPE OF METAL CUT :

   a. TYPE OF METAL USED
   b. LENGTH OF CUTS IN INCHES (L)
   c. WIDTH OF CUTS IN INCHES (W)
   d. THICKNESS OF CUTS IN INCHES (T)
   e. THE FOLLOWING CALCULATION SHALL BE PERFORMED FOR EACH DIFFERENT TYPE OF METAL CUT WITH THIS EQUIPMENT:

      TOTAL WEIGHT OF MATERIAL BEING CUT, D = L x W x T x DENSITY (LB/IN3)

      $D_{TOTAL}$ = TOTAL OF ALL VALUES OF "D" FOR EACH TYPE OF MATERIAL

[RULE 1303(a)(1)-BACT, 1401]

9. THE OPERATOR SHALL RETAIN ALL RECORDS REQUIRED BY THIS PERMIT AT THE FACILITY FOR FIVE YEARS, AND MAKE ALL RECORDS AVAILABLE TO ANY DISTRICT REPRESENTATIVE UPON REQUEST.
[RULE 1303(a)(1)-BACT, 1401]

**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 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

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WHICH COMPLIANCE WAS ACHIEVED IN THE PAST, AND EITHER:

A. 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

B. 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:**

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
# TAYLOR-DUNN MFG CO

## PERMIT TO OPERATE

**Permit No. G6793**
**A/N 473945**

**Equipment Description:**

AIR POLLUTION CONTROL SYSTEM, CONSISTING OF:

1. DUST COLLECTOR NO. 1, HANDTE-UMWELTTECHNIK, MODEL NO. MF-L 25/5/1, WITH FIVE FILTERS, 269 SQ. FT. TOTAL FILTER AREA.

2. EXHAUST SYSTEM WITH A 4.4 HP EXHAUST BLOWER VENTING ONE LASER CUTTER.

.

**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 BE IN FULL OPERATION WHENEVER THE EQUIPMENT IT SERVES IS IN OPERATION.
[RULE 1303(a)(1)-BACT]

4. THE OPERATOR SHALL DISCHARGE DUST COLLECTED IN THIS EQUIPMENT ONLY INTO CLOSED CONTAINERS.
[RULE 1303(a)(1)-BACT]

5. THE OPERATOR SHALL USE THIS EQUIPMENT IN SUCH A MANNER THAT THE DIFFERENTIAL PRESSURE ACROSS THE FILTER DOES NOT EXCEED 23 MBAR. TO COMPLY WITH THIS CONDITION THE OPERATOR SHALL INSTALL AND MAINTAIN A PRESSURE GAUGE TO ACCURATELY INDICATE THE DIFFERENTIAL PRESSURE ACROSS THE FILTER. THE OPERATOR SHALL DETERMINE AND RECORD THE PARAMETER BEING MONITORED ONCE EVERY 7 DAYS.
[RULE 1303(a)(1)-BACT]

6. THE OPERATOR SHALL NOT USE THIS EQUIPMENT UNLESS ALL EXHAUST AIR PASSES THROUGH THE FILTER MEDIA.
[RULE 1303(a)(1)-BACT]

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**Periodic Monitoring:**

7. 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)]

**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 1155
PM: 0 PERCENT OPACITY

# FACILITY PERMIT TO OPERATE
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## PERMIT TO OPERATE

**Permit No. G6794**
**A/N 473948**

**Equipment Description:**

AIR POLLUTION CONTROL SYSTEM, CONSISTING OF:

1. DUST COLLECTOR NO. 2, HANDTE-UMWELTTECHNIK, MODEL NO. MF-L 25/5/1, WITH FIVE FILTERS, 269 SQ. FT. TOTAL FILTER AREA.

2. EXHAUST SYSTEM WITH A 4.4 HP EXHAUST BLOWER VENTING ONE LASER CUTTER.

**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 BE IN FULL OPERATION WHENEVER THE EQUIPMENT IT SERVES IS IN OPERATION.
[RULE 1303(a)(1)-BACT]

4. THE OPERATOR SHALL DISCHARGE DUST COLLECTED IN THIS EQUIPMENT ONLY INTO CLOSED CONTAINERS.
[RULE 1303(a)(1)-BACT]

5. THE OPERATOR SHALL USE THIS EQUIPMENT IN SUCH A MANNER THAT THE DIFFERENTIAL PRESSURE ACROSS THE FILTER DOES NOT EXCEED 23 MBAR. TO COMPLY WITH THIS CONDITION THE OPERATOR SHALL INSTALL AND MAINTAIN A PRESSURE GAUGE TO ACCURATELY INDICATE THE DIFFERENTIAL PRESSURE ACROSS THE FILTER. THE OPERATOR SHALL DETERMINE AND RECORD THE PARAMETER BEING MONITORED ONCE EVERY 7 DAYS.
[RULE 1303(a)(1)-BACT]

6. THE OPERATOR SHALL NOT USE THIS EQUIPMENT UNLESS ALL EXHAUST AIR PASSES THROUGH THE FILTER MEDIA.
[RULE 1303(a)(1)-BACT]

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# TAYLOR-DUNN MFG CO

**Periodic Monitoring:**

7. 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)]

**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 1155
PM: 0 PERCENT OPACITY

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## PERMIT TO CONSTRUCT

NONE

# FACILITY PERMIT TO OPERATE
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## 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, AND (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, AND (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

# FACILITY PERMIT TO OPERATE
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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 109
   VOC: RULE 1171, SEE APPENDIX B FOR EMISSION LIMITS

# FACILITY PERMIT TO OPERATE
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## RULE 219 EQUIPMENT

**Equipment Description:**

RULE 219 EXEMPT EQUIPMENT, CLEANING EQUIPMENT, SMALL, UNHEATED, NON-CONVEYORIZED.

**Emissions and Requirements:**

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

   VOC: RULE 109
   VOC: RULE 1171, SEE APPENDIX B FOR EMISSION LIMITS

# FACILITY PERMIT TO OPERATE
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## RULE 219 EQUIPMENT

**Equipment Description:**

RULE 219 EXEMPT EQUIPMENT, COATING EQUIPMENT, LOW USE OR EMISSIONS.

**Emissions and Requirements:**

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

   VOC: RULE 109
   VOC: RULE 1107, SEE APPENDIX B FOR EMISSION LIMITS
   VOC: RULE 1136, SEE APPENDIX B FOR EMISSION LIMITS
   VOC: RULE 1171, SEE APPENDIX B FOR EMISSION LIMITS

# FACILITY PERMIT TO OPERATE
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## RULE 219 EQUIPMENT

**Equipment Description:**

RULE 219 EXEMPT EQUIPMENT, ABRASIVE BLASTING EQUIPMENT, GLOVE-BOX, < 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:
   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:

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4. 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
PM: RULE 1140, SEE APPENDIX B FOR EMISSION LIMITS

# FACILITY PERMIT TO OPERATE
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## SECTION E: ADMINISTRATIVE CONDITIONS

The operating conditions in this section shall apply to all permitted equipment at this facility unless superseded by condition(s) listed elsewhere in this permit.

1. The permit shall remain effective unless this permit is suspended, revoked, modified, reissued, denied, or it is expired for nonpayment of permit processing or annual operating fees. [201, 203, 209, 301]
   a. The permit must be renewed annually by paying annual operating fees, and the permit shall expire if annual operating fees are not paid pursuant to requirements of Rule 301(d). [301(d)]
   b. The Permit to Construct listed in Section H shall expire one year from the Permit to Construct issuance date, unless a Permit to Construct extension has been granted by the Executive Officer or unless the equipment has been constructed and the operator has notified the Executive Officer prior to the operation of the equipment, in which case the Permit to Construct serves as a temporary Permit to Operate. [202, 205]
   c. The Title V permit shall expire as specified under Section K of the Title V permit. The permit expiration date of the Title V facility permit does not supercede the requirements of Rule 205. [205, 3004]
2. The operator shall maintain all equipment in such a manner that ensures proper operation of the equipment. [204]
3. This permit does not authorize the emissions 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 and Regulations of the AQMD. This permit cannot be considered as permission to violate existing laws, ordinances, regulations, or statues of other governmental agencies. [204]
4. The operator shall not use equipment identified in this facility permit as being connected to air pollution control equipment unless they are so vented to the identified air pollution control equipment which is in full use and which has been included in this permit. [204]

# FACILITY PERMIT TO OPERATE
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## SECTION E: ADMINISTRATIVE CONDITIONS

5. The operator shall not use any equipment having air pollution control device(s) incorporated within the equipment unless the air pollution control device is in full operation. [204]

6. The operator shall maintain records to demonstrate compliance with rules or permit conditions that limit equipment operating parameters, or the type or quantity of material processed. These records shall be made available to AQMD personnel upon request and be maintained for at least five years. [204]

7. The operator shall maintain and operate all equipment to ensure compliance with all emission limits as specified in this facility permit. Compliance with emission limits shall be determined according to the following specifications, unless otherwise specified by AQMD rules or permit conditions: [204]

   a. For internal combustion engines and gas turbines, measured concentrations shall be corrected to 15 percent stack-gas oxygen content on a dry basis and be averaged over a period of 15 consecutive minutes; [1110.2, 1134]

   b. For other combustion devices, measured concentrations shall be corrected to 3 percent stack-gas oxygen content on a dry basis and be averaged over a period of 15 consecutive minutes; [1146, 1146.1, 204]

   c. For non-combustion sources, compliance with emission limits shall be determined and averaged over a period of 60 minutes; [204]

   d. For the purpose of determining compliance with Rule 407, carbon monoxide (CO) shall be measured on a dry basis and be averaged over 15 consecutive minutes, and sulfur compounds which would exist as liquid or gas at standard conditions shall be calculated as sulfur dioxide (SO2) and be averaged over 15 consecutive minutes; [407]

   e. For the purpose of determining compliance with Rule 409, combustion contaminant emission measurements shall be corrected to 12 percent of carbon dioxide (CO2) at standard conditions and averaged over a minimum of 15 consecutive minutes. [409]

# FACILITY PERMIT TO OPERATE
# TAYLOR-DUNN MFG CO

## SECTION E: ADMINISTRATIVE CONDITIONS

f. For the purpose of determining compliance with Rule 475, combustion contaminant emission measurements shall be corrected to 3 percent of oxygen (O2) at standard conditions and averaged over 15 consecutive minutes or any other averaging time specified by the Executive Officer. [475]

8. The operator shall, when a source test is required by AQMD, provide a source test protocol to AQMD no later than 60 days before the proposed test date. The test shall not commence until the protocol is approved by AQMD. The test protocol shall contain the following information: [204, 304]

a. Brief description of the equipment tested.

b. Brief process description, including maximum and normal operating temperatures, pressures, throughput, etc.

c. Operating conditions under which the test will be performed.

d. Method of measuring operating parameters, such as fuel rate and process weight. Process schematic diagram showing the ports and sampling locations, including the dimensions of the ducts and stacks at the sampling locations, and distances of flow disturbances, (e.g. elbows, tees, fans, dampers) from the sampling locations (upstream and downstream).

e. Brief description of sampling and analytical methods used to measure each pollutant, temperature, flow rates, and moisture.

f. Description of calibration and quality assurance procedures.

g. Determination that the testing laboratory qualifies as an "independent testing laboratory" under Rule 304 (conflict of interest).

9. The operator shall submit a report no later than 60 days after conducting a source test, unless otherwise required by AQMD rules or equipment-specific conditions. The report shall contain the following information: [204]

a. The results of the source test.

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## SECTION E: ADMINISTRATIVE CONDITIONS

b. Brief description of the equipment tested.

c. Operating conditions under which the test was performed.

d. Method of measuring operating parameters, such as fuel rate and process weight. Process schematic diagram showing the ports and sampling locations, including the dimensions of the ducts and stacks at the sampling locations, and distances of flow disturbances, (e.g. elbows, tees, fans, dampers) from the sampling locations (upstream and downstream).

e. Field and laboratory data forms, strip charts and analyses.

f. Calculations for volumetric flow rates, emission rates, control efficiency, and overall control efficiency.

10. The operator shall, when a source test is required, provide and maintain facilities for sampling and testing. These facilities shall comply with the requirements of AQMD Source Test Method 1.1 and 1.2. [217]

11. Whenever required to submit a written report, notification or other submittal to the Executive Officer, AQMD, or the District, the operator shall mail or deliver the material to: Deputy Executive Officer, Engineering and Compliance, AQMD, 21865 E. Copley Drive, Diamond Bar, CA 91765-4182. [204]

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## SECTION F: RECLAIM MONITORING AND SOURCE TESTING REQUIREMENTS

NOT APPLICABLE

# FACILITY PERMIT TO OPERATE
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## SECTION G: RECORDKEEPING AND REPORTING REQUIREMENTS FOR RECLAIM SOURCES

NOT APPLICABLE

# FACILITY PERMIT TO OPERATE
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## SECTION H: PERMIT TO CONSTRUCT AND TEMPORARY PERMIT TO OPERATE

See Section D of this permit for any Permit to Construct issued to this facility.

# FACILITY PERMIT TO OPERATE
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## SECTION I: PLANS AND SCHEDULES

This section lists all plans approved by AQMD for the purposes of meeting the requirements of applicable AQMD rules.

NONE

NOTE: This section does not list compliance schedules pursuant to the requirements of Regulation XXX - Title V Permits; Rule 3004(a)(10)(C). For equipment subject to a variance, order for abatement, or alternative operating condition granted pursuant to Rule 518.2, equipment specific conditions are added to the equipment in Section D or H of the permit.

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## SECTION J: AIR TOXICS

NOT APPLICABLE

# FACILITY PERMIT TO OPERATE
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## SECTION K: TITLE V Administration

**GENERAL PROVISIONS**

1. This permit may be revised, revoked, reopened and reissued, or terminated for cause, or for failure to comply with regulatory requirements, permit terms, or conditions. [3004(a)(7)(C)]

2. This permit does not convey any property rights of any sort or any exclusive privilege. [3004(a)(7)(E)]

**Permit Renewal and Expiration**

3. (A) Except for solid waste incineration facilities subject to standards under section 129(e) of the Clean Air Act, this permit shall expire five years from the date that this Title V permit is issued. The operator's right to operate under this permit terminates at midnight on this date, unless the facility is protected by an application shield in accordance with Rule 3002(b), due to the filing of a timely and complete application for a Title V permit renewal, consistent with Rule 3003. [3004(a)(2), 3004(f)]

   (B) A Title V permit for a solid waste incineration facility combusting municipal waste subject to standards under Section 129(e) of the Clean Air Act shall expire 12 years from the date of issuance unless such permit has been renewed pursuant to this regulation. These permits shall be reviewed by the Executive Officer at least every five years from the date of issuance. [3004(f)(2)]

4. To renew this permit, the operator shall submit to the Executive Officer an application for renewal at least 180 days, but not more than 545 days, prior to the expiration date of this permit. [3003(a)(6)]

**Duty to Provide Information**

5. The applicant for, or holder of, a Title V permit shall furnish, pursuant to Rule 3002(d) and (e), timely information and records to the Executive Officer or designee within a reasonable time as specified in writing by the Executive Officer or designee. [3004(a)(7)(F)]

**Payment of Fees**

6. The operator shall pay all required fees specified in Regulation III - Fees. [3004(a)(7)(G)]

# FACILITY PERMIT TO OPERATE
# TAYLOR-DUNN MFG CO

## SECTION K: TITLE V Administration

**Reopening for Cause**

7. The Executive Officer will reopen and revise this permit if any of the following circumstances occur:

   (A) Additional regulatory requirements become applicable with a remaining permit term of three or more years. Reopening is not required if the effective date of the requirement is later than the expiration date of this permit, unless the permit or any of its terms and conditions has been extended pursuant to paragraph (f)(4) of Rule 3004.

   (B) The Executive Officer or EPA Administrator determines that this permit contains a material mistake or that inaccurate statements were made in establishing the emissions standards or other terms or conditions of this permit.

   (C) The Executive Officer or EPA Administrator determines that the permit must be revised or revoked to assure compliance with the applicable requirements. [3005(g)(1)]

**COMPLIANCE PROVISIONS**

8. The operator shall comply with all regulatory requirements, and all permit terms and conditions, except:

   (A) As provided for by the emergency provisions of condition no. 17 or condition no. 18, or

   (B) As provided by an alternative operating condition granted pursuant to a federally approved (SIP-approved) Rule 518.2.

   Any non-compliance with any federally enforceable permit condition constitutes a violation of the Federal Clean Air Act and is grounds for enforcement action; for permit termination, revocation and reissuance, or revision; or denial of a permit renewal application. Non-compliance may also be grounds for civil or criminal penalties under the California State Health and Safety Code. [3004(a)(7)(A)]

# FACILITY PERMIT TO OPERATE
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9. The operator shall allow the Executive Officer or authorized representative, upon presentation of appropriate credentials to:

   (A) Enter the operator's premises where emission-related activities are conducted, or records are kept under the conditions of this permit;

   (B) Have access to and copy, at reasonable times, any records that must be kept under the conditions of the permit;

   (C) Inspect at reasonable times, any facilities, equipment (including monitoring and air pollution control equipment), practices, or operations regulated or required under the permit; and

   (D) Sample or monitor at reasonable times, substances or parameters for the purpose of assuring compliance with the facility permit or regulatory requirements. [3004(a)(10)(B)]

10. All terms and conditions in this permit, including any provisions designed to limit a facility's potential to emit, are enforceable by the EPA Administrator and citizens under the federal Clean Air Act, unless the term or condition is designated as not federally enforceable. Each day during any portion of which a violation occurs is a separate offense. [3004(g)]

11. A challenge to any permit condition or requirement raised by EPA, the operator, or any other person, shall not invalidate or otherwise affect the remaining portions of this permit. [3007(b)]

12. The filing of any application for a permit revision, revocation, or termination, or a notification of planned changes or anticipated non-compliance does not stay any permit condition. [3004(a)(7)(D)]

13. It shall not be a defense for a person in an enforcement action, including those listed in Rule 3002(c)(2), that it would have been necessary to halt or reduce the permitted activity in order to maintain compliance with the conditions of this permit, except as provided for in "Emergency Provisions" of this section. [3004(a)(7)(H)]

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14. The operator shall not build, erect, install, or use any equipment, the use of which, without resulting in a reduction in the total release of air contaminants to atmosphere, reduces or conceals an emission which would otherwise constitute a violation of Chapter 3 (commencing with Section 41700) of Part 4, of Division 26 of the California Health and Safety Code or of AQMD rules. This rule shall not apply to cases in which the only violation involved is of Section 41700 of the California Health and Safety Code, or Rule 402 of AQMD Rules. [408]

15. Nothing in this permit or in any permit shield can alter or affect:

    (A) Under Section 303 of the federal Clean Air Act, the provisions for emergency orders;

    (B) The liability of the operator for any violation of applicable requirements prior to or at the time of permit issuance;

    (C) The applicable requirements of the Acid Rain Program, Regulation XXXI;

    (D) The ability of EPA to obtain information from the operator pursuant to Section 114 of the federal Clean Air Act;

    (E) The applicability of state or local requirements that are not "applicable requirements", as defined in Rule 3000, at the time of permit issuance but which do apply to the facility, such as toxics requirements unique to the State; and

    (F) The applicability of regulatory requirements with compliance dates after the permit issuance date. [3004(c)(3)]

16. For any portable equipment that requires an AQMD or state permit or registration, excluding a) portable engines, b) military tactical support equipment and c) AQMD-permitted portable equipment that are not a major source, are not located at the facility for more than 12 consecutive months after commencing operation, and whose operation does not conflict with the terms or conditions of this Title V permit: 1) the facility operator shall keep a copy of the AQMD or state permit or registration; 2) the equipment operator shall comply with the conditions on the permit or registration and all other regulatory requirements; and 3) the facility operator shall treat the permit or registration as a part of its Title V permit, subject to recordkeeping, reporting and certification requirements. [3004(a)(1)]

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**EMERGENCY PROVISIONS**

17. An emergency[1] constitutes an affirmative defense to an action brought for noncompliance with a technology-based emission limit only if:

    (A) Properly signed, contemporaneous operating records or other credible evidence demonstrate that:

        (1) An emergency occurred and the operator can identify the cause(s) of the emergency;

        (2) The facility was operated properly (i.e. operated and maintained in accordance with the manufacturer's specifications, and in compliance with all regulatory requirements or a compliance plan), before the emergency occurred;

        (3) The operator took all reasonable steps to minimize levels of emissions that exceeded emissions standard, or other requirements in the permit; and,

        (4) The operator submitted a written notice of the emergency to the AQMD within two working days of the time when the emissions limitations were exceeded due to the emergency. The notice shall contain a description of the emergency, any steps taken to mitigate emissions, and corrective actions taken; and

    (B) The operator complies with the breakdown provisions of Rule 430 – Breakdown Provisions, or subdivision (i) of Rule 2004 – Requirements, whichever is applicable. [3002(g), 430, 2004(i)]

18. The operator is excused from complying with any regulatory requirement that is suspended by the Executive Officer during a state of emergency or state of war emergency, in accordance with Rule 118 - Emergencies. [118]

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1 "Emergency" means any situation arising from sudden and reasonably unforeseeable events beyond the control of the operator, including acts of God, which: (A) requires immediate corrective action to restore normal operation; and (B) causes the facility to exceed a technology-based emission limitation under the permit, due to unavoidable increases in emissions attributable to the emergency; and (C) is not caused by improperly designed equipment, lack of preventative maintenance, careless or improper operation, or operator error.

# FACILITY PERMIT TO OPERATE
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**RECORDKEEPING PROVISIONS**

19. In addition to any other recordkeeping requirements specified elsewhere in this permit, the operator shall keep records of required monitoring information, where applicable, that include:

    (A) The date, place as defined in the Title V permit, and time of sampling or measurements;

    (B) The date(s) analyses were performed;

    (C) The company or entity that performed the analyses;

    (D) The analytical techniques or methods used;

    (E) The results of such analyses; and

    (F) The operating conditions as existing at the time of sampling or measurement. [3004(a)(4)(B)]

20. The operator shall maintain records pursuant to Rule 109 and any applicable material safety data sheet (MSDS) for any equipment claimed to be exempt from a written permit by Rule 219 based on the information in those records. [219(t)]

21. The operator shall keep all records of monitoring data required by this permit or by regulatory requirements for a period of at least five years from the date of the monitoring sample, measurement, report, or application. [3004(a)(4)(E)]

**REPORTING PROVISIONS**

22. The operator shall comply with the following requirements for prompt reporting of deviations:

    (A) Breakdowns shall be reported as required by Rule 430 – Breakdown Provisions or subdivision (i) of Rule 2004 - Requirements, whichever is applicable.

# FACILITY PERMIT TO OPERATE
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## SECTION K: TITLE V Administration

(B) Other deviations from permit or applicable rule emission limitations, equipment operating conditions, or work practice standards, determined by observation or by any monitoring or testing required by the permit or applicable rules that result in emissions greater than those allowed by the permit or applicable rules shall be reported within 72 hours (unless a shorter reporting period is specified in an applicable State or Federal Regulation) of discovery of the deviation by contacting AQMD enforcement personnel assigned to this facility or otherwise calling (800) CUT-SMOG.

(C) A written report of such deviations reported pursuant to (B), and any corrective actions or preventative measures taken, shall be submitted to AQMD, in an AQMD approved format, within 14 days of discovery of the deviation.

(D) All other deviations shall be reported with the monitoring report required by condition no. 23. [3004(a)(5)]

23. Unless more frequent reporting of monitoring results are specified in other permit conditions or in regulatory requirements, the operator shall submit reports of any required monitoring to the AQMD at least twice per year. The report shall include a) a statement whether all monitoring required by the permit was conducted; and b) identification of all instances of deviations from permit or regulatory requirements. A report for the first six calendar months of the year is due by August 31 and a report for the last six calendar months of the year is due by February 28. [3004(a)(4)(F)]

24. The operator shall submit to the Executive Officer and to the Environmental Protection Agency (EPA), an annual compliance certification. For RECLAIM facilities, the certification is due when the Annual Permit Emissions Program (APEP) report is due and shall cover the same reporting period. For other facilities, the certification is due on March 1 for the previous calendar year. The certification need not include the period preceding the date the initial Title V permit was issued. Each compliance certification shall include:

(A) Identification of each permit term or condition that is the basis of the certification;

# FACILITY PERMIT TO OPERATE
# TAYLOR-DUNN MFG CO

## SECTION K: TITLE V Administration

(B) The compliance status during the reporting period;

(C) Whether compliance was continuous or intermittent;

(D) The method(s) used to determine compliance over the reporting period and currently, and

(E) Any other facts specifically required by the Executive Officer to determine compliance.

The EPA copy of the certification shall be sent to: Director of the Air Division Attn: Air-3 USEPA, Region IX 75 Hawthorne St. San Francisco, CA 94105 [3004(a)(10)(E)]

25. All records, reports, and documents required to be submitted by a Title V operator to AQMD or EPA shall contain a certification of accuracy consistent with Rule 3003(c)(7) by a responsible official (as defined in Rule 3000). [3004(a)(12)]

**PERIODIC MONITORING**

26. All periodic monitoring required by this permit pursuant to Rule 3004(a)(4)(c) is based on the requirements and justifications in the AQMD document "Periodic Monitoring Guidelines for Title V Facilities" or in case-by-case determinations documented in the TitleV application file. [3004(a)(4)]

# FACILITY PERMIT TO OPERATE
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## SECTION K: TITLE V Administration

*FACILITY RULES*

*This facility is subject to the following rules and regulations*

With the exception of Rule 402, 473, 477, 1118 and Rules 1401 through 1420, the following rules that are designated as non-federally enforceable are pending EPA approval as part of the state implementation plan. Upon the effective date of that approval, the approved rule(s) will become federally enforceable, and any earlier versions of those rules will no longer be federally enforceable.

| RULE SOURCE | Adopted/Amended Date | FEDERAL Enforceability |
|---|---|---|
| RULE 109 | 5-2-2003 | Federally enforceable |
| RULE 1107 | 1-6-2006 | Non federally enforceable |
| RULE 1107 | 11-9-2001 | Federally enforceable |
| RULE 1113 | 11-8-1996 | Federally enforceable |
| RULE 1113 | 7-13-2007 | Non federally enforceable |
| RULE 1136 | 6-14-1996 | Federally enforceable |
| RULE 1140 | 2-1-1980 | Federally enforceable |
| RULE 1140 | 8-2-1985 | Non federally enforceable |
| RULE 1155 | 12-4-2009 | Non federally enforceable |
| RULE 1171 | 11-7-2003 | Federally enforceable |
| RULE 1171 | 5-1-2009 | Non federally enforceable |
| RULE 118 | 12-7-1995 | Non federally enforceable |
| RULE 1303(a)(1)-BACT | 12-6-2002 | Non federally enforceable |
| RULE 1303(a)(1)-BACT | 5-10-1996 | Federally enforceable |
| RULE 1303(b)(2)-Offset | 12-6-2002 | Non federally enforceable |
| RULE 1303(b)(2)-Offset | 5-10-1996 | Federally enforceable |
| RULE 1401 | 3-4-2005 | Non federally enforceable |
| RULE 204 | 10-8-1993 | Federally enforceable |
| RULE 217 | 1-5-1990 | Federally enforceable |
| RULE 219 | 6-1-2007 | Non federally enforceable |
| RULE 219 | 9-4-1981 | Federally enforceable |
| RULE 3002 | 11-14-1997 | Federally enforceable |

# FACILITY PERMIT TO OPERATE
# TAYLOR-DUNN MFG CO

## SECTION K: TITLE V Administration

| RULE SOURCE | Adopted/Amended Date | FEDERAL Enforceability |
|---|---|---|
| RULE 3003 | 11-14-1997 | Federally enforceable |
| RULE 3003 | 3-16-2001 | Non federally enforceable |
| RULE 3004 | 12-12-1997 | Federally enforceable |
| RULE 3004(a)(4)-Periodic Monitoring | 12-12-1997 | Federally enforceable |
| RULE 3005 | 11-14-1997 | Federally enforceable |
| RULE 3005 | 3-16-2001 | Non federally enforceable |
| RULE 3007 | 10-8-1993 | Federally enforceable |
| RULE 304 | 5-7-2010 | Non federally enforceable |
| RULE 401 | 11-9-2001 | Non federally enforceable |
| RULE 401 | 3-2-1984 | Federally enforceable |
| RULE 402 | 5-7-1976 | Non federally enforceable |
| RULE 404 | 2-7-1986 | Federally enforceable |
| RULE 405 | 2-7-1986 | Federally enforceable |
| RULE 408 | 5-7-1976 | Federally enforceable |
| RULE 430 | 7-12-1996 | Non federally enforceable |
| RULE 442 | 12-15-2000 | Federally enforceable |
| RULE 443 | 5-7-1976 | Federally enforceable |
| RULE 481 | 1-11-2002 | Federally enforceable |
| RULE 701 | 6-13-1997 | Federally enforceable |
| H&S 44300 | 7-1-1988 | Non federally enforceable |
| 40CFR 63 Subpart MMMM | 1-2-2004 | Federally enforceable |

# FACILITY PERMIT TO OPERATE
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## APPENDIX A: NOX AND SOX EMITTING EQUIPMENT EXEMPT FROM WRITTEN PERMIT PURSUANT TO RULE 219

NONE

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## APPENDIX B: RULE EMISSION LIMITS
## [RULE 1107 01-06-2006]

Except as otherwise provided in Rule 1107

(1) VOC Content of Coatings

A person shall not apply to metal parts and products subject to the provisions of this rule any coatings, including any VOC-containing materials added to the original coating supplied by the manufacturer, which contain VOC in excess of the limits specified below:

| VOC LIMITS<br>Less Water and Less Exempt Compounds<br>Effective Dates | | | | | | | | |
|---|---|---|---|---|---|---|---|---|
| **Coating** | **Air-Dried** | | | | **Baked** | | | |
| | **gm/l** | | **lb/gal** | | **gm/l** | | **lb/gal** | |
| | **Current** | **7/1/07** | **Current** | **7/1/07** | **Current** | **7/1/07** | **Current** | **7/1/07** |
| General One-Component | 275 | 275 | 2.3 | 2.3 | 275 | 275 | 2.3 | 2.3 |
| General Multi-Component | 340 | 340 | 2.8 | 2.8 | 275 | 275 | 2.3 | 2.3 |
| Military Specification | 340 | 340 | 2.8 | 2.8 | 275 | 275 | 2.3 | 2.3 |
| Etching Filler | 420 | 420 | 3.5 | 3.5 | 420 | 420 | 3.5 | 3.5 |
| Solar-Absorbent | 420 | 420 | 3.5 | 3.5 | 360 | 360 | 3.0 | 3.0 |
| Heat-Resistant | 420 | 420 | 3.5 | 3.5 | 360 | 360 | 3.0 | 3.0 |
| Extreme High-Gloss | 420 | 340 | 3.5 | 2.8 | 360 | 360 | 3.0 | 3.0 |
| Metallic | 420 | 420 | 3.5 | 3.5 | 420 | 420 | 3.5 | 3.5 |

# FACILITY PERMIT TO OPERATE
# TAYLOR-DUNN MFG CO

## APPENDIX B: RULE EMISSION LIMITS
## [RULE 1107 01-06-2006]

| VOC LIMITS<br>Less Water and Less Exempt Compounds<br>Effective Dates, cont. | | | | | | | | |
|---|---|---|---|---|---|---|---|---|
| **Coating** | **Air-Dried** | | | | **Baked** | | | |
| | **gm/l** | | **lb/gal** | | **gm/l** | | **lb/gal** | |
| | **Current** | **7/1/07** | **Current** | **7/1/07** | **Current** | **7/1/07** | **Current** | **7/1/07** |
| Extreme Performance | 420 | 420 | 3.5 | 3.5 | 360 | 360 | 3.0 | 3.0 |
| Prefabricated Architectural One-Component | 420 | 275 | 3.5 | 2.3 | 275 | 275 | 2.3 | 2.3 |
| Prefabricated Architectural Multi-Component | 420 | 340 | 3.5 | 2.8 | 275 | 275 | 2.3 | 2.3 |
| Touch Up | 420 | 420 | 3.5 | 3.5 | 360 | 360 | 3.0 | 3.0 |
| Repair | 420 | 420 | 3.5 | 3.5 | 360 | 360 | 3.0 | 3.0 |
| Silicone Release | 420 | 420 | 3.5 | 3.5 | 420 | 420 | 3.5 | 3.5 |
| High-Performance Architectural | 420 | 420 | 3.5 | 3.5 | 420 | 420 | 3.5 | 3.5 |
| Camouflage | 420 | 420 | 3.5 | 3.5 | 420 | 420 | 3.5 | 3.5 |
| Vacuum-Metalizing | 420 | 420 | 3.5 | 3.5 | 420 | 420 | 3.5 | 3.5 |
| Mold-Seal | 420 | 420 | 3.5 | 3.5 | 420 | 420 | 3.5 | 3.5 |
| High-Temperature | 420 | 420 | 3.5 | 3.5 | 420 | 420 | 3.5 | 3.5 |
| Electric-Insulating Varnish | 420 | 420 | 3.5 | 3.5 | 420 | 420 | 3.5 | 3.5 |
| Pan Backing | 420 | 420 | 3.5 | 3.5 | 420 | 420 | 3.5 | 3.5 |
| Pretreatment Coatings | 420 | 420 | 3.5 | 3.5 | 420 | 420 | 3.5 | 3.5 |

# FACILITY PERMIT TO OPERATE
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## APPENDIX B: RULE EMISSION LIMITS
## [RULE 1107 01-06-2006]

(2) A person shall not use VOC-containing materials which have a VOC content of more than 200 grams per liter of material for stripping any coating governed by this rule.

# FACILITY PERMIT TO OPERATE
# TAYLOR-DUNN MFG CO

## APPENDIX B: RULE EMISSION LIMITS
## [RULE 1107 11-09-2001]

Except as otherwise provided in Rule 1107

(1) VOC Content of Coatings

A person shall not apply to metal parts and products subject to the provisions of this rule any coatings, including any VOC-containing materials added to the original coating supplied by the manufacturer, which contain VOC in excess of the limits specified below:

| VOC LIMITS<br>Less Water and Less Exempt Compounds<br>Effective Dates | | | | | | | | |
|---|---|---|---|---|---|---|---|---|
| **Coating** | **Air-Dried** | | | | **Baked** | | | |
| | **gm/l** | | **lb/gal** | | **gm/l** | | **lb/gal** | |
| | **Current** | **7/1/07** | **Current** | **7/1/07** | **Current** | **7/1/07** | **Current** | **7/1/07** |
| General One-Component | 275 | 275 | 2.3 | 2.3 | 275 | 275 | 2.3 | 2.3 |
| General Multi-Component | 340 | 340 | 2.8 | 2.8 | 275 | 275 | 2.3 | 2.3 |
| Military Specification | 340 | 340 | 2.8 | 2.8 | 275 | 275 | 2.3 | 2.3 |
| Etching Filler | 420 | 420 | 3.5 | 3.5 | 420 | 420 | 3.5 | 3.5 |
| Solar-Absorbent | 420 | 420 | 3.5 | 3.5 | 360 | 360 | 3.0 | 3.0 |
| Heat-Resistant | 420 | 420 | 3.5 | 3.5 | 360 | 360 | 3.0 | 3.0 |
| Extreme High-Gloss | 420 | 340 | 3.5 | 2.8 | 360 | 360 | 3.0 | 3.0 |
| Metallic | 420 | 420 | 3.5 | 3.5 | 420 | 420 | 3.5 | 3.5 |

# FACILITY PERMIT TO OPERATE
# TAYLOR-DUNN MFG CO

## APPENDIX B: RULE EMISSION LIMITS
## [RULE 1107 11-09-2001]

Except as otherwise provided in Rule 1107

(1) VOC Content of Coatings

A person shall not apply to metal parts and products subject to the provisions of this rule any coatings, including any VOC-containing materials added to the original coating supplied by the manufacturer, which contain VOC in excess of the limits specified below:

| VOC LIMITS<br>Less Water and Less Exempt Compounds<br>Effective Dates | | | | | | | | |
|---|---|---|---|---|---|---|---|---|
| **Coating** | **Air-Dried** | | | | **Baked** | | | |
| | **gm/l** | | **lb/gal** | | **gm/l** | | **lb/gal** | |
| | **Current** | **7/1/07** | **Current** | **7/1/07** | **Current** | **7/1/07** | **Current** | **7/1/07** |
| General One-Component | 275 | 275 | 2.3 | 2.3 | 275 | 275 | 2.3 | 2.3 |
| General Multi-Component | 340 | 340 | 2.8 | 2.8 | 275 | 275 | 2.3 | 2.3 |
| Military Specification | 340 | 340 | 2.8 | 2.8 | 275 | 275 | 2.3 | 2.3 |
| Etching Filler | 420 | 420 | 3.5 | 3.5 | 420 | 420 | 3.5 | 3.5 |
| Solar-Absorbent | 420 | 420 | 3.5 | 3.5 | 360 | 360 | 3.0 | 3.0 |
| Heat-Resistant | 420 | 420 | 3.5 | 3.5 | 360 | 360 | 3.0 | 3.0 |
| Extreme High-Gloss | 420 | 340 | 3.5 | 2.8 | 360 | 360 | 3.0 | 3.0 |
| Metallic | 420 | 420 | 3.5 | 3.5 | 420 | 420 | 3.5 | 3.5 |

# FACILITY PERMIT TO OPERATE
# TAYLOR-DUNN MFG CO

## APPENDIX B: RULE EMISSION LIMITS
## [RULE 1107 11-09-2001]

| VOC LIMITS<br>Less Water and Less Exempt Compounds<br>Effective Dates, cont. | | | | | | | | |
|---|---|---|---|---|---|---|---|---|
| **Coating** | **Air-Dried** | | | | **Baked** | | | |
| | **gm/l** | | **lb/gal** | | **gm/l** | | **lb/gal** | |
| | **Current** | **7/1/07** | **Current** | **7/1/07** | **Current** | **7/1/07** | **Current** | **7/1/07** |
| Extreme Performance | 420 | 420 | 3.5 | 3.5 | 360 | 360 | 3.0 | 3.0 |
| Prefabricated Architectural One-Component | 420 | 275 | 3.5 | 2.3 | 275 | 275 | 2.3 | 2.3 |
| Prefabricated Architectural Multi-Component | 420 | 340 | 3.5 | 2.8 | 275 | 275 | 2.3 | 2.3 |
| Touch Up | 420 | 420 | 3.5 | 3.5 | 360 | 360 | 3.0 | 3.0 |
| Repair | 420 | 420 | 3.5 | 3.5 | 360 | 360 | 3.0 | 3.0 |
| Silicone Release | 420 | 420 | 3.5 | 3.5 | 420 | 420 | 3.5 | 3.5 |
| High-Performance Architectural | 420 | 420 | 3.5 | 3.5 | 420 | 420 | 3.5 | 3.5 |
| Camouflage | 420 | 420 | 3.5 | 3.5 | 420 | 420 | 3.5 | 3.5 |
| Vacuum-Metalizing | 420 | 420 | 3.5 | 3.5 | 420 | 420 | 3.5 | 3.5 |
| Mold-Seal | 420 | 420 | 3.5 | 3.5 | 420 | 420 | 3.5 | 3.5 |
| High-Temperature | 420 | 420 | 3.5 | 3.5 | 420 | 420 | 3.5 | 3.5 |
| Electric-Insulating Varnish | 420 | 420 | 3.5 | 3.5 | 420 | 420 | 3.5 | 3.5 |
| Pan Backing | 420 | 420 | 3.5 | 3.5 | 420 | 420 | 3.5 | 3.5 |
| Pretreatment Coatings | 420 | 420 | 3.5 | 3.5 | 420 | 420 | 3.5 | 3.5 |

(2) A person shall not use VOC-containing materials which have a VOC content of more than 200 grams per liter of material for stripping any coating governed by this rule.

# FACILITY PERMIT TO OPERATE
# TAYLOR-DUNN MFG CO

## APPENDIX B: RULE EMISSION LIMITS
## [RULE 1113 11-08-1996]

(1) Except as provided in paragraphs (c)(2), (c)(3), and (c)(4) of Rule 1113, the operator shall not supply, sell, offer for sale, apply, or solicit the application of, any architectural coating which, at the time of sale or manufacture, contains more than 250 grams of VOC per liter of coating (2.08 pounds per gallon), less water, less exempt compounds, and less any colorant added to tint bases, or manufacture, blend, or repackage such a coating for use within the District.

(2) Except as provided in paragraphs (c)(3) and (c)(4) of Rule 1113, the operator shall not supply, sell, offer for sale, apply, solicit the application of, manufacture, blend, or repackage, for use within the District, any architectural coating listed in the Table of Standards which contains VOC (excluding any colorant added to tint bases) in excess of the corresponding VOC limit specified in the table, after the effective date specified.

## TABLE OF STANDARDS

## VOC LIMITS

### Grams of VOC Per Liter of Coating, Less Water And Less Exempt Compounds

| COATING | Limit* | Effective Date of Adoption | Effective 1/1/1998 | Effective 1/1/1999 | Effective 7/1/2001 | Effective 1/1/2005 | Effective 7/1/2008 |
|---|---|---|---|---|---|---|---|
| Bond Breakers | 350 | | | | | | |
| Clear Wood Finishes | | | | | | | |
| Varnish | 350 | | | | | | |
| Sanding Sealers | 350 | | | | | | |
| Lacquer | 680 | | 550 | | | 275 | |
| Concrete-Curing Compounds | 350 | | | | | | |
| Dry-Fog Coatings | 400 | | | | | | |
| Fire-proofing Exterior Coatings | 350 | 450 | | 350 | | | |
| Fire-Retardant Coatings | | | | | | | |
| Clear | 650 | | | | | | |
| Pigmented | 350 | | | | | | |
| Flats | 250 | | | | 100 | | 50 |
| Graphic Arts (Sign) Coatings | 500 | | | | | | |

# FACILITY PERMIT TO OPERATE
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## APPENDIX B: RULE EMISSION LIMITS
## [RULE 1113 11-08-1996]

| | | | | | | | |
|---|---|---|---|---|---|---|---|
| Industrial Maintenance Primers and Topcoats | | | | | | | |
| Alkyds | 420 | | | | | | |
| Catalyzed Epoxy | 420 | | | | | | |
| Bituminous Coatings | 420 | | | | | | |
| Materials | | | | | | | |
| Inorganic Polymers | 420 | | | | | | |
| Vinyl Chloride Polymers | 420 | | | | | | |
| Chlorinated Rubber | 420 | | | | | | |
| Acrylic Polymers | 420 | | | | | | |
| Urethane Polymers | 420 | | | | | | |
| Silicones | 420 | | | | | | |
| Unique Vehicles | 420 | | | | | | |
| Japans/Faux Finishing Coatings | 350 | 700 | | 350 | | | |
| Magnesite Cement Coatings | 600 | | | 450 | | | |
| Mastic Coatings | 300 | | | | | | |
| Metallic Pigmented Coatings | 500 | | | | | | |
| Multi-Color Coatings | 420 | | 250 | | | | |
| Pigmented Lacquer | 680 | | 550 | | | 275 | |
| Pre-Treatment Wash Primers | 780 | | | | | | |
| Primers, Sealers, and Undercoaters | 350 | | | | | | |
| Quick-Dry Enamels | 400 | | | | | | |
| Roof Coatings | 300 | | | | | | |
| Shellac | | | | | | | |
| Clear | 730 | | | | | | |
| Pigmented | 550 | | | | | | |
| Stains | 350 | | | | | | |
| Swimming Pool Coatings | | | | | | | |
| Repair | 650 | | | | | | |
| Other | 340 | | | | | | |
| Traffic Coatings | 250 | | 150 | | | | |
| Waterproofing Sealers | 400 | | | | | | |
| Wood Preservatives | | | | | | | |
| Below-Ground | 350 | | | | | | |
| Other | 350 | | | | | | |

* The specified limits remain in effect unless revised limits are listed in subsequent columns in the Table of Standards

## TABLE OF STANDARDS (cont.)

## VOC LIMITS

## Grams of VOC Per Liter of Material

| COATING | Limit |
|---|---|
| Low-Solids Coating | 120 |

# FACILITY PERMIT TO OPERATE
# TAYLOR-DUNN MFG CO

## APPENDIX B: RULE EMISSION LIMITS
## [RULE 1113 07-13-2007]

(1) Except as provided in paragraphs (c)(2), (c)(3), (c)(4), and specified coatings averaged under (c)(6), no person shall supply, sell, offer for sale, manufacture, blend, or repackage any architectural coating for use in the District which, at the time of sale or manufacture, contains more than 250 grams of VOC per liter of coating (2.08 pounds per gallon), less water, less exempt compounds, and less any colorant added to tint bases, and no person shall apply or solicit the application of any architectural coating within the District that exceeds 250 grams of VOC per liter of coating as calculated in this paragraph.

(2) Except as provided in paragraphs (c)(3), (c)(4), and designated coatings averaged under (c)(6), no person shall supply, sell, offer for sale, manufacture, blend, or repackage, for use within the District, any architectural coating listed in the Table of Standards which contains VOC (excluding any colorant added to tint bases) in excess of the corresponding VOC limit specified in the table, after the effective date specified, and no person shall apply or solicit the application of any architectural coating within the District that exceeds the VOC limit as specified in this paragraph. No person shall apply or solicit the application within the District of any industrial maintenance coatings, except anti-graffiti coatings, for residential use or for use in areas such as office space and meeting rooms of industrial, commercial or institutional facilities not exposed to such extreme environmental conditions described in the definition of industrial maintenance coatings; or of any rust-preventative coating for industrial use, unless such a rust preventative coating complies with the Industrial Maintenance Coating VOC limit specified in the Table of Standards.

# FACILITY PERMIT TO OPERATE
# TAYLOR-DUNN MFG CO

## APPENDIX B: RULE EMISSION LIMITS
## [RULE 1113 07-13-2007]
## TABLE OF STANDARDS
## VOC LIMITS

### Grams of VOC Per Liter of Coating, Less Water and Less Exempt Compounds

| COATING CATEGORY | Ceiling Limit* | Current Limit | Effective Date | | | | | |
|---|---|---|---|---|---|---|---|---|
| | | | 1/1/03 | 1/1/04 | 1/1/05 | 7/1/06 | 7/1/07 | 7/1/08 |
| Bond Breakers | 350 | | | | | | | |
| Clear Wood Finishes | 350 | | | | | 275 | | |
| Varnish | 350 | | | | | 275 | | |
| Sanding Sealers | 350 | | | | | 275 | | |
| Lacquer | 680 | 550 | | | 275 | | | |
| Clear Brushing Lacquer | 680 | | | | 275 | | | |
| Concrete-Curing Compounds | 350 | | | | | | 100 | |
| Concrete-Curing Compounds For Roadways and Bridges** | 350 | | | | | | | |
| Dry-Fog Coatings | 400 | | | | | | 150 | |
| Fire-Proofing Exterior Coatings | 450 | 350 | | | | | | |
| Fire-Retardant Coatings*** | | | | | | | | |
| Clear | 650 | | | | | | | |
| Pigmented | 350 | | | | | | | |
| Flats | 250 | 100 | | | | | | 50 |
| Floor Coatings | 420 | | 100 | | | 50 | | |
| Graphic Arts (Sign) Coatings | 500 | | | | | | | |
| Industrial Maintenance (IM) Coatings | 420 | | | 250 | | 100 | | |
| High Temperature IM Coatings | | | 420 | | | | | |
| Zinc-Rich IM Primers | 420 | | 340 | | | 100 | | |
| Japans/Faux Finishing Coatings | 700 | 350 | | | | | | |
| Magnesite Cement Coatings | 600 | 450 | | | | | | |
| Mastic Coatings | 300 | | | | | | | |
| Metallic Pigmented Coatings | 500 | | | | | | | |
| Multi-Color Coatings | 420 | 250 | | | | | | |
| Nonflat Coatings | 250 | | 150 | | | 50 | | |

# FACILITY PERMIT TO OPERATE
# TAYLOR-DUNN MFG CO

## APPENDIX B: RULE EMISSION LIMITS
## [RULE 1113 07-13-2007]

| COATING CATEGORY | Ceiling Limit* | Current Limit | Effective Date | | | | | |
|---|---|---|---|---|---|---|---|---|
| | | | 1/1/03 | 1/1/04 | 1/1/05 | 7/1/06 | 7/1/07 | 7/1/08 |
| Nonflat High Gloss | 250 | | 150 | | | | 50 | |
| Pigmented Lacquer | 680 | 550 | | | 275 | | | |
| Pre-Treatment Wash Primers | 780 | | 420 | | | | | |
| Primers, Sealers, and Undercoaters | 350 | | 200 | | | 100 | | |
| Quick-Dry Enamels | 400 | | 250 | | | 150 | 50 | |
| Quick-Dry Primers, Sealers, and Undercoaters | 350 | | 200 | | | 100 | | |
| Recycled Coatings | | | 250 | | | | | |
| Roof Coatings | 300 | | 250 | | 50 | | | |
| Roof Coatings, Aluminum | 500 | | | | 100 | | | |
| Roof Primers, Bituminous | 350 | | 350 | | | | | |
| Rust Preventative Coatings | 420 | | 400 | | | 100 | | |
| Shellac | | | | | | | | |
| Clear | 730 | | | | | | | |
| Pigmented | 550 | | | | | | | |
| Specialty Primers | 350 | | | | | 250 | 100 | |
| Stains | 350 | | 250 | | | | 100 | |
| Stains, Interior | 250 | | | | | | | |
| Swimming Pool Coatings | | | | | | | | |
| Repair | 650 | | 340 | | | | | |
| Other | 340 | | | | | | | |
| Traffic Coatings | 250 | 150 | | | | | 100 | |
| Waterproofing Sealers | 400 | | 250 | | | 100 | | |
| Waterproofing Concrete/Masonry Sealers | 400 | | | | | 100 | | |
| Wood Preservatives | | | | | | | | |
| Below-Ground | 350 | | | | | | | |
| Other | 350 | | | | | | | |

* The specified limits remain in effect unless revised limits are listed in subsequent columns in the Table of Standards.

** Does not include compounds used for curbs and gutters, sidewalks, islands, driveways and other miscellaneous concrete areas.

*** The Fire-Retardant Coating category will be eliminated on January 1, 2007 and subsumed by the coating category for which they are formulated.

# FACILITY PERMIT TO OPERATE
# TAYLOR-DUNN MFG CO

## APPENDIX B: RULE EMISSION LIMITS
## [RULE 1113 07-13-2007]

### TABLE OF STANDARDS (cont.)
### VOC LIMITS

### Grams of VOC Per Liter of Material

| COATING | Limit |
|---|---|
| Low-Solids Coating | 120 |

# FACILITY PERMIT TO OPERATE
# TAYLOR-DUNN MFG CO

## APPENDIX B: RULE EMISSION LIMITS
## [RULE 1136 06-14-1996]

Except as otherwise provided in Rule 1136

(a) The operator shall not apply any coating to a wood product which has a VOC content, including any VOC-containing material added to the original coating supplied by the manufacturer, which exceeds the applicable limit specified below:

(1)

**VOC LIMITS**
Grams Per Liter (lb/gal) of Coating, [lbs VOC/lb of solids],
Less Water and Less Exempt Compounds

| COATING | Current Limit I | Current Limit II | On and After 7/1/2005 |
|---|---|---|---|
| Clear Sealers | 550 (4.6) [1.39] | 680 (5.7) [3.36] | 275 (2.3) [0.36] |
| Clear Topcoat | 550 (4.6) [1.37] | 275 (2.3) [0.35] | 275 (2.3) [0.35] |
| Pigmented Primers, Sealers & Undercoats | 550 (4.6) [1.06] | 600 (5.0) [1.08] | 275 (2.3) [0.21] |
| Pigmented Topcoats | 550 (4.6) [1.10] | 275 (2.3) [0.25] | 275 (2.3) [0.25] |

The operator shall use coatings on a wood product that comply with either all VOC limits in column I or all VOC limits in column II. The operator that applies a primer, sealer or undercoat, but not a topcoat, to a wood product, shall be subject to column I for that wood product.

(2) Notwithstanding the requirements of clause (a)(1), an operator that applies a topcoat and a primer, sealer or undercoat to a shutter may, until July 1, 2005, choose to comply with the VOC limits specified below for that shutter:

# FACILITY PERMIT TO OPERATE
# TAYLOR-DUNN MFG CO

## APPENDIX B: RULE EMISSION LIMITS
## [RULE 1136 06-14-1996]

**VOC LIMITS**

Grams Per Liter, (lb/gal) of Coating, [lbs VOC/lb of solids],
Less Water and Less Exempt Compounds

| COATING | |
|---|---|
| Clear Sealers | 275 (2.3) [0.36] |
| Clear Topcoat | 680 (5.7) [2.99] |
| Pigmented Primers, Sealers & Undercoats | 275 (2.3) [0.33] |
| Pigmented Topcoats | 600 (5.0) [1.38] |

(3)

**VOC LIMITS**

Grams Per Liter, (lb/gal) of Coating, [lbs VOC/lb of solids],
Less Water and Less Exempt Compounds

| COATING | Current Limit | On and After 7/1/2005 |
|---|---|---|
| Barrier Coat - Plastic Components | 760 (6.3) [3.9] | 275 (2.3) [0.28] |
| Composite Wood Edge Filler | 550 (4.6) [1.15] | 275 (2.3) [0.31] |
| Extreme Performance Coatings | 420 (3.5) [0.51] | 275 (2.3) [0.33] |
| Fillers | 500 (4.2) [0.66] | 275 (2.3) [0.18] |
| High-Solid Stains | 550 (4.6) [1.23] | 350 (2.9) [0.42] |
| Inks | 500 (4.2) [0.96] | 500 (4.2) [0.96] |
| Mold-Seal Coatings | 750 (6.3) [4.2] | 750 (6.3) [4.2] |
| Multi-Colored Coatings | 685 (5.7) [2.6] | 275 (2.3) [0.33] |

**VOC LIMITS**

Grams Per Liter (lb/gal) of Material

| COATING | Current Limit | On and After 7/1/2005 |
|---|---|---|
| Low-Solids Barrier Coat - Plastic Components | 760 (6.3) | 120 (1.0) |
| Low-Solid Stains, Toners, and Washcoats | 480 (4.0) | 120 (1.0) |

# FACILITY PERMIT TO OPERATE
# TAYLOR-DUNN MFG CO

## APPENDIX B: RULE EMISSION LIMITS
## [RULE 1136 06-14-1996]

Any coating subject to this rule that meets any of the three VOC limit formats (grams per liter, lb/gal, or lbs VOC/lb of solids) is in compliance with this subparagraph.

(4) The VOC limit for japan coatings is 700 grams per liter of coatings, less water and exempt compounds, as applied.

(b) A person shall not use a stripper on wood products unless:

(1) it contains less than 350 grams of VOC per liter of material; or

(2) the VOC composite vapor pressure is 2 mm Hg (0.04 psia) or less at 20$^{o}$C (68$^{o}$F).

# FACILITY PERMIT TO OPERATE
# TAYLOR-DUNN MFG CO

## APPENDIX B: RULE EMISSION LIMITS
## [RULE 1140 02-01-1980]

(1) The operator shall not, if he complies with an applicable performance standard in section (b)(4) of Rule 1140, discharge into the atmosphere from any abrasive blasting 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 as No. 2 on the Ringelmann 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 (1)(A).

(2) The operator shall not, if he is not complying with an applicable performance standard in section (b)(4) of Rule 1140, discharge into the atmosphere from any abrasive blasting 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 as No. 1 on the Ringelmann 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 (2)(A).

# FACILITY PERMIT TO OPERATE
# TAYLOR-DUNN MFG CO

## APPENDIX B: RULE EMISSION LIMITS
## [RULE 1140 08-02-1985]

(1) The operator shall not, if he complies with an applicable performance standard in section (b)(4) of Rule 1140, discharge into the atmosphere from any abrasive blasting 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 as No. 2 on the Ringelmann 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 (1)(A).

(2) The operator shall not, if he is not complying with an applicable performance standard in section (b)(4) of Rule 1140, discharge into the atmosphere from any abrasive blasting 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 as No. 1 on the Ringelmann 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 (2)(A).

# FACILITY PERMIT TO OPERATE
# TAYLOR-DUNN MFG CO

## APPENDIX B: RULE EMISSION LIMITS
## [RULE 1171 11-07-2003]

(1) Solvent Requirements

A person shall not use a solvent to perform solvent cleaning operations unless the solvent complies with the applicable requirements set forth below:

| SOLVENT CLEANING ACTIVITY | CURRENT LIMITS<br>VOC<br>g/l<br>(lb/gal) |
|---|---|
| (A) Product Cleaning During Manufacturing Process Or Surface Preparation For Coating, Adhesive, Or Ink Application | |
| (i) General | 25<br>(0.21) |
| (ii) Electrical Apparatus Components & Electronic Components | 500<br>(4.2) |
| (iii) Medical Devices & Pharmaceuticals | 800<br>(6.7) |
| (B) Repair and Maintenance Cleaning | |
| (i) General | 25<br>(0.21) |
| (ii) Electrical Apparatus Components & Electronic Components | 900<br>(7.5) |

# FACILITY PERMIT TO OPERATE
# TAYLOR-DUNN MFG CO

## APPENDIX B: RULE EMISSION LIMITS
## [RULE 1171 11-07-2003]

| SOLVENT CLEANING ACTIVITY | CURRENT LIMITS<br>VOC<br>g/l<br>(lb/gal) |
|---|---|
| (iii) Medical Devices & Pharmaceuticals | |
| (A) Tools, Equipment, & Machinery | 800<br>(6.7) |
| (B) General Work Surfaces | 600<br>(5.0) |
| (C) Cleaning of Coatings or Adhesives Application Equipment | 550<br>(4.6) |
| (D) Cleaning of Ink Application Equipment | |
| (i) General | 25<br>(0.21) |
| (ii) Flexographic Printing | 25<br>(0.21) |
| (iii) Gravure Printing | |
| (A) Publication | 750<br>(6.3) |
| (B) Packaging | 25<br>(0.21) |
| (iv) Lithographic or Letter Press Printing | |

# FACILITY PERMIT TO OPERATE
# TAYLOR-DUNN MFG CO

## APPENDIX B: RULE EMISSION LIMITS
## [RULE 1171 11-07-2003]

| SOLVENT CLEANING ACTIVITY | CURRENT LIMITS<br>VOC<br>g/l<br>(lb/gal) |
|---|---|
| (A) Roller Wash – Step 1 | 600<br>(5.0) |
| (B) Roller Wash-Step 2,<br>Blanket Wash, & On-Press Components | 800<br>(6.7) |
| (C) Removable Press Components | 25<br>(0.21) |
| (v) Screen Printing | 750<br>(6.3) |
| (vi) Ultraviolet Ink/ Electron Beam Ink<br>Application Equipment (except screen printing) | 800<br>(6.7) |
| (vii) Specialty Flexographic Printing | 600<br>(5.0) |
| (E) Cleaning of Polyester Resin Application Equipment | 25<br>(0.21) |

# FACILITY PERMIT TO OPERATE
# TAYLOR-DUNN MFG CO

## APPENDIX B: RULE EMISSION LIMITS
## [RULE 1171 05-01-2009]

(1) Solvent Requirements

A person shall not use a solvent to perform solvent cleaning operations unless the solvent complies with the applicable requirements set forth below:

| | CURRENT LIMITS* | EFFECTIVE 1/1/2010 |
|---|---|---|
| **SOLVENT CLEANING ACTIVITY** | **VOC g/l (lb/gal)** | **VOC g/l (lb/gal)** |
| (A) Product Cleaning During Manufacturing Process Or Surface Preparation For Coating, Adhesive, Or Ink Application | | |
| (i) General | 25 (0.21) | |
| (ii) Electrical Apparatus Components & Electronic Components | 100 (0.83) | |
| (iii) Medical Devices & Pharmaceuticals | 800 (6.7) | |
| (B) Repair and Maintenance Cleaning | | |
| (i) General | 25 (0.21) | |
| (ii) Electrical Apparatus Components & Electronic Components | 100 (0.83) | |

# FACILITY PERMIT TO OPERATE
# TAYLOR-DUNN MFG CO

## APPENDIX B: RULE EMISSION LIMITS
## [RULE 1171 05-01-2009]

| | CURRENT LIMITS* | EFFECTIVE 1/1/2010 |
|---|---|---|
| **SOLVENT CLEANING ACTIVITY (cont.)** | **VOC g/l (lb/gal)** | **VOC g/l (lb/gal)** |
| (iii) Medical Devices & Pharmaceuticals | | |
| (A) Tools, Equipment, & Machinery | 800 (6.7) | |
| (B) General Work Surfaces | 600 (5.0) | |
| (C) Cleaning of Coatings or Adhesives Application Equipment | 25 (0.21) | |
| (D) Cleaning of Ink Application Equipment | | |
| (i) General | 25 (0.21) | |
| (ii) Flexographic Printing | 25 (0.21) | |
| (iii) Gravure Printing | | |
| (A) Publication | 100 (0.83) | |
| (B) Packaging | 25 (0.21) | |
| (iv) Lithographic (Offset) or Letter Press Printing | | |
| (A) Roller Wash, Blanket Wash, & On-Press Components | 100 (0.83) | |

# FACILITY PERMIT TO OPERATE
# TAYLOR-DUNN MFG CO

## APPENDIX B: RULE EMISSION LIMITS
## [RULE 1171 05-01-2009]

| | CURRENT LIMITS* | EFFECTIVE 1/1/2010 |
|---|---|---|
| **SOLVENT CLEANING ACTIVITY (cont.)** | **VOC g/l (lb/gal)** | **VOC g/l (lb/gal)** |
| (B) Removable Press Components | 25 (0.21) | |
| (v) Screen Printing | 100 (0.83) | |
| (vi) Ultraviolet Ink/ Electron Beam Ink Application Equipment (except screen printing) | 650 (5.4) | 100 (0.83) |
| (vii) Specialty Flexographic Printing | 100 (0.83) | |
| (E) Cleaning of Polyester Resin Application Equipment | 25 (0.21) | |

* The specified limits remain in effect unless revised limits are listed in subsequent columns.

# FACILITY PERMIT TO OPERATE
# TAYLOR-DUNN MFG CO

## APPENDIX B: RULE EMISSION LIMITS
## [RULE 404 02-07-1986]

The operator shall not discharge into the atmosphere from this equipment, particulate matter in excess of the concentration at standard conditions, shown in Table 404(a). Where the volume discharged is between figures listed in the Table, the exact concentration permitted to be discharged shall be determined by linear interpolation.

For the purposes of this rule, emissions shall be averaged over one complete cycle of operation or one hour, whichever is the lesser time period.

**TABLE 404(a)**

| Volume Discharged Calculated as Dry Gas At Standard Conditions | | Maximum Concentration of Particulate Matter"Allowed in Discharged Gas Calculated as Dry Gas at Standard Conditions | | Volume Discharged Calculated as Dry Gas At Standard Conditions | | Maximum Concentration of Particulate Matter Allowed in Discharged Gas Calculated as Dry Gas at Standard Conditions | |
|---|---|---|---|---|---|---|---|
| Cubic meters Per Minute | Cubic feet Per Minute | Milligrams per Cubic Meter | Grains per Cubic Foot | Cubic meters Per Minute | Cubic feet Per Minute | Milligrams per Cubic Meter | Grains per Cubic Foot |
| 25 or less | 883 or less | 450 | 0.196 | 900 | 31780 | 118 | 0.0515 |
| 30 | 1059 | 420 | .183 | 1000 | 35310 | 113 | .0493 |
| 35 | 1236 | 397 | .173 | 1100 | 38850 | 109 | .0476 |
| 40 | 1413 | 377 | .165 | 1200 | 42380 | 106 | .0463 |
| 45 | 1589 | 361 | .158 | 1300 | 45910 | 102 | .0445 |

# FACILITY PERMIT TO OPERATE
# TAYLOR-DUNN MFG CO

## APPENDIX B: RULE EMISSION LIMITS
## [RULE 404 02-07-1986]

| Volume Discharged Calculated as Dry Gas At Standard Conditions | | Maximum Concentration of Particulate Matter"Allowed in Discharged Gas Calculated as Dry Gas at Standard Conditions | | Volume Discharged Calculated as Dry Gas At Standard Conditions | | Maximum Concentration of Particulate Matter Allowed in Discharged Gas Calculated as Dry Gas at Standard Conditions | |
|---|---|---|---|---|---|---|---|
| Cubic meters Per Minute | Cubic feet Per Minute | Milligrams per Cubic Meter | Grains per Cubic Foot | Cubic meters Per Minute | Cubic feet Per Minute | Milligrams per Cubic Meter | Grains per Cubic Foot |
| 50 | 1766 | 347 | .152 | 1400 | 49440 | 100 | .0437 |
| 60 | 2119 | 324 | .141 | 1500 | 52970 | 97 | .0424 |
| 70 | 2472 | 306 | .134 | 1750 | 61800 | 92 | .0402 |
| 80 | 2825 | 291 | .127 | 2000 | 70630 | 87 | .0380 |
| 90 | 3178 | 279 | .122 | 2250 | 79460 | 83 | .0362 |
| 100 | 3531 | 267 | .117 | 2500 | 88290 | 80 | .0349 |
| 125 | 4414 | 246 | .107 | 3000 | 105900 | 75 | .0327 |
| 150 | 5297 | 230 | .100 | 4000 | 141300 | 67 | .0293 |
| 175 | 6180 | 217 | .0947 | 5000 | 176600 | 62 | .0271 |
| 200 | 7063 | 206 | .0900 | 6000 | 211900 | 58 | .0253 |
| 250 | 8829 | 190 | .0830 | 8000 | 282500 | 52 | .0227 |
| 300 | 10590 | 177 | .0773 | 10000 | 353100 | 48 | .0210 |
| 350 | 12360 | 167 | .0730 | 15000 | 529700 | 41 | .0179 |
| 400 | 14130 | 159 | .0694 | 20000 | 706300 | 37 | .0162 |
| 450 | 15890 | 152 | .0664 | 25000 | 882900 | 34 | .0148 |

# FACILITY PERMIT TO OPERATE
# TAYLOR-DUNN MFG CO

## APPENDIX B: RULE EMISSION LIMITS
## [RULE 404 02-07-1986]

| Volume Discharged Calculated as Dry Gas At Standard Conditions | | Maximum Concentration of Particulate Matter"Allowed in Discharged Gas Calculated as Dry Gas at Standard Conditions | | Volume Discharged Calculated as Dry Gas At Standard Conditions | | Maximum Concentration of Particulate Matter Allowed in Discharged Gas Calculated as Dry Gas at Standard Conditions | |
|---|---|---|---|---|---|---|---|
| Cubic meters Per Minute | Cubic feet Per Minute | Milligrams per Cubic Meter | Grains per Cubic Foot | Cubic meters Per Minute | Cubic feet Per Minute | Milligrams per Cubic Meter | Grains per Cubic Foot |
| 500 | 17660 | 146 | .0637 | 30000 | 1059000 | 32 | .0140 |
| 600 | 21190 | 137 | .0598 | 40000 | 1413000 | 28 | .0122 |
| 700 | 24720 | 129 | .0563 | 50000 | 1766000 | 26 | .0114 |
| 800 | 28250 | 123 | .0537 | 70000 or more | 2472000 or more | 23 | .0100 |

# FACILITY PERMIT TO OPERATE
# TAYLOR-DUNN MFG CO

## APPENDIX B: RULE EMISSION LIMITS
## [RULE 405 02-07-1986]

The operator shall not discharge into the atmosphere from this equipment, solid particulate matter including lead and lead compounds in excess of the rate shown in Table 405(a).

Where the process weight per hour is between figures listed in the table, the exact weight of permitted discharge shall be determined by linear interpolation.

For the purposes of this rule, emissions shall be averaged over one complete cycle of operation or one hour, whichever is the lesser time period.

**TABLE 405(a)**

| Process Weight Per Hour | | Maximum Discharge Rate Allowed for Solid Particulate Matter (Aggregate Discharged From All Points of Process | | Process Weight Per Hour | | Maximum Discharge Rate Allowed for Solid Particulate Matter (Aggregate Discharged From All points of Process | |
|---|---|---|---|---|---|---|---|
| Kilograms Per Hour | Pounds Per Hour | Kilograms Per Hour | Pounds Per Hour | Kilograms Per Hour | Pounds Per Hour | Kilograms Per Hour | Pounds Per Hour |
| 100 or less | 220 or less | 0.450 | 0.99 | 9000 | 19840 | 5.308 | 11.7 |
| 150 | 331 | 0.585 | 1.29 | 10000 | 22050 | 5.440 | 12.0 |
| 200 | 441 | 0.703 | 1.55 | 12500 | 27560 | 5.732 | 12.6 |
| 250 | 551 | 0.804 | 1.77 | 15000 | 33070 | 5.982 | 13.2 |
| 300 | 661 | 0.897 | 1.98 | 17500 | 38580 | 6.202 | 13.7 |
| 350 | 772 | 0.983 | 2.17 | 20000 | 44090 | 6.399 | 14.1 |
| 400 | 882 | 1.063 | 2.34 | 25000 | 55120 | 6.743 | 14.9 |
| 450 | 992 | 1.138 | 2.51 | 30000 | 66140 | 7.037 | 15.5 |
| 500 | 1102 | 1.209 | 2.67 | 35000 | 77160 | 7.296 | 16.1 |
| 600 | 1323 | 1.340 | 2.95 | 40000 | 88180 | 7.527 | 16.6 |

# FACILITY PERMIT TO OPERATE
# TAYLOR-DUNN MFG CO

## APPENDIX B: RULE EMISSION LIMITS
## [RULE 405 02-07-1986]

| Process Weight Per Hour | | Maximum Discharge Rate Allowed for Solid Particulate Matter (Aggregate Discharged From All Points of Process | | Process Weight Per Hour | | Maximum Discharge Rate Allowed for Solid Particulate Matter (Aggregate Discharged From All points of Process | |
|---|---|---|---|---|---|---|---|
| Kilograms Per Hour | Pounds Per Hour | Kilograms Per Hour | Pounds Per Hour | Kilograms Per Hour | Pounds Per Hour | Kilograms Per Hour | Pounds Per Hour |
| 700 | 1543 | 1.461 | 3.22 | 45000 | 99210 | 7.738 | 17.1 |
| 800 | 1764 | 1.573 | 3.47 | 50000 | 110200 | 7.931 | 17.5 |
| 900 | 1984 | 1.678 | 3.70 | 60000 | 132300 | 8.277 | 18.2 |
| 1000 | 2205 | 1.777 | 3.92 | 70000 | 154300 | 8.582 | 18.9 |
| 1250 | 2756 | 2.003 | 4.42 | 80000 | 176400 | 8.854 | 19.5 |
| 1500 | 3307 | 2.206 | 4.86 | 90000 | 198400 | 9.102 | 20.1 |
| 1750 | 3858 | 2.392 | 5.27 | 100000 | 220500 | 9.329 | 20.6 |
| 2000 | 4409 | 2.563 | 5.65 | 125000 | 275600 | 9.830 | 21.7 |
| 2250 | 4960 | 2.723 | 6.00 | 150000 | 330700 | 10.26 | 22.6 |
| 2500 | 5512 | 2.874 | 6.34 | 175000 | 385800 | 10.64 | 23.5 |
| 2750 | 6063 | 3.016 | 6.65 | 200000 | 440900 | 10.97 | 24.2 |
| 3000 | 6614 | 3.151 | 6.95 | 225000 | 496000 | 11.28 | 24.9 |
| 3250 | 7165 | 3.280 | 7.23 | 250000 | 551200 | 11.56 | 25.5 |
| 3600 | 7716 | 3.404 | 7.50 | 275000 | 606300 | 11.82 | 26.1 |
| 4000 | 8818 | 3.637 | 8.02 | 300000 | 661400 | 12.07 | 26.6 |
| 4500 | 9921 | 3.855 | 8.50 | 325000 | 716500 | 12.30 | 27.1 |
| 5000 | 11020 | 4.059 | 8.95 | 350000 | 771600 | 12.51 | 27.6 |
| 6000 | 13230 | 4.434 | 9.78 | 400000 | 881800 | 12.91 | 28.5 |
| 7000 | 15430 | 4.775 | 10.5 | 450000 | 992100 | 13.27 | 29.3 |
| 8000 | 17640 | 5.089 | 11.2 | 500000 or more | 1102000 or more | 13.60 | 30.0 |