

FACILITY PERMIT TO OPERATE

**DUCOMMUN AEROSTRUCTURES INC
801 ROYAL OAK DR
MONROVIA, CA 91016**

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 DUCOMMUN AEROSTRUCTURES INC

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SECTION A: FACILITY INFORMATION

LEGAL OWNER &/OR OPERATOR: DUCOMMUN AEROSTRUCTURES INC

LEGAL OPERATOR (if different than owner):

EQUIPMENT LOCATION: 801 ROYAL OAK DR
 MONROVIA, CA 91016

MAILING ADDRESS: 801 ROYAL OAK DR
 MONROVIA, CA 91016

RESPONSIBLE OFFICIAL: MAURICE HARRIS

TITLE: GENERAL MANAGER

TELEPHONE NUMBER: (626) 305-3214

CONTACT PERSON: AMANUEL ARAYA

TITLE: EHS SPECIALIST

TELEPHONE NUMBER: (626) 305-3250

TITLE V PERMIT ISSUED: July 28, 2008

TITLE V PERMIT EXPIRATION DATE: July 27, 2013

TITLE V	RECLAIM
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YES	NOx: NO SOx: NO CYCLE: 0 ZONE: INLAND
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SECTION B: RECLAIM ANNUAL EMISSION ALLOCATION

NOT APPLICABLE

**FACILITY PERMIT TO OPERATE
DUCOMMUN AEROSTRUCTURES INC**

SECTION C: FACILITY PLOT PLAN

(TO BE DEVELOPED)

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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, 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.

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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 to Operate number	Equipment description
430371	F71725	OVEN, BAKING
430372	F71726	SCRUBBER, OTHER VENTING S.S.
430374	F71727	OVEN, BAKING
430375	F71728	OVEN, BAKING
430376	F71729	OVEN, BAKING
430379	F71730	OVEN, BAKING
430380	F71731	OVEN, DRYING
430381	F71732	TANK, SURFACE PREPARATION
430382	F71733	OVEN, DRYING
430384	F71736	SCRUBBER, OTHER VENTING S.S.
430385	F71738	DEGREASER PERC
430387	F71739	SPRAY BOOTH PAINT AND SOLVENT
430388	F71740	TANK, CHROMIC ACID - ANODIZING
430389	F71741	SPRAY BOOTH PAINT AND SOLVENT
430390	F71742	SPRAY BOOTH PAINT AND SOLVENT
430396	F71747	ABRASIVE BLASTING
430398	F71748	DUST COLLECTOR CARTRIDGE TYPE
430399	F71749	TANK, CHROMIC ACID - ANODIZING
430400	F71750	TANK, CHROMIC ACID -
430401	F71751	MESH PADS, TOXIC GAS STREAM
430402	F71752	MESH PADS, TOXIC GAS STREAM
430404	F71754	MESH PADS, TOXIC GAS STREAM
430406	F71755	MESH PADS, TOXIC GAS STREAM
430410	F77116	OVEN, CURING
485212	G8002	OVEN, DRYING
485214	G8004	SPRAY BOOTH PAINT AND SOLVENT
485215	G8003	SPRAY BOOTH PAINT AND SOLVENT
485218	G8005	SPRAY BOOTH PAINT AND SOLVENT
485219	G8006	SPRAY BOOTH PAINT AND SOLVENT
495585	G8007	TANK, SURFACE PREPARATION
511090	G9871	OVEN, CURING
476446	F97043	SPRAY BOOTH PAINT AND SOLVENT
512075		ABRASIVE BLASTING CABINET
511879		DUST COLLECTOR CARTRIDGE TYPE

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. THE TOTAL QUANTITY OF VOLATILE ORGANIC COMPOUND (VOC) EMISSIONS FROM THIS FACILITY SHALL NOT EXCEED 10,690 POUNDS IN ANY ONE CALENDAR MONTH.
[RULE 1303(b)(2)-OFFSET]
3. THE TOTAL QUANTITY OF HEXAVALENT CHROMIUM EMISSIONS FROM THIS FACILITY SHALL NOT EXCEED 1.41 POUNDS IN ANY CALENDAR YEAR.
[RULE 1401, AB2588]
4. MATERIAL SAFETY DATA SHEETS FOR ALL MATERIALS USED AT THIS FACILITY AND SUBJECT TO DISTRICT RULES SHALL BE KEPT CURRENT AND MADE AVAILABLE TO DISTRICT PERSONNEL UPON REQUEST.
[RULE 109, 1303(b)(2)-OFFSET]
5. IN ADDITION TO THE RECORDKEEPING REQUIREMENTS OF RULE 109, THE OPERATOR SHALL KEEP ADEQUATE RECORDS FOR THIS FACILITY TO VERIFY THE VOC AND HEXAVALENT CHROMIUM EMISSIONS IN POUNDS AND THE VOC AND HEXAVALENT CHROMIUM CONTENT OF EACH MATERIAL AS APPLIED, INCLUDING WATER AND EXEMPT COMPOUNDS.
[RULE 109, 1303(b)(2)-OFFSET, 1401]
6. WITHIN 14 CALENDAR DAYS AFTER THE END OF EACH MONTH, THE OPERATOR SHALL TOTAL AND RECORD VOC AND HEXAVALENT CHROMIUM EMISSIONS FOR THE MONTH FROM ALL EQUIPMENT AND OPERATIONS COVERED BY THE MONTHLY/ANNUAL LIMIT. THE RECORD SHALL INCLUDE ANY PROCEDURES USED TO ACCOUNT FOR CONTROL DEVICE EFFICIENCIES AND/OR WASTE DISPOSAL. IT SHALL BE SIGNED AND CERTIFIED FOR ACCURACY BY THE HIGHEST RANKING INDIVIDUAL RESPONSIBLE FOR COMPLIANCE WITH DISTRICT RULES.
[RULE 109, 1303(b)(2)-OFFSET, 1401]
7. THE OPERATOR SHALL MAINTAIN A SINGLE LIST, WHICH INCLUDES ONLY THE NAME AND ADDRESS OF EACH PERSON FROM WHOM THE FACILITY ACQUIRED VOC AND HEXAVALENT CHROMIUM CONTAINING MATERIAL REGULATED BY THE DISTRICT THAT WAS USED OR STORED AT THE FACILITY DURING THE PRECEDING 12 MONTHS.
[RULE 109, 1303(b)(2)-OFFSET, 1401]

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8. THE OPERATOR SHALL RETAIN ALL PURCHASE INVOICES FOR ALL VOC AND HEXAVALENT CHROMIUM CONTAINING MATERIAL USED OR STORED AT THE FACILITY AND ALL WASTE MANIFESTS FOR ALL WASTE VOC AND HEXAVALENT CHROMIUM CONTAINING MATERIAL REMOVED FROM THE FACILITY.
[RULE 109, 1303(b)(2)-OFFSET, 1401]

9. ALL RECORDS REQUIRED BY THIS PERMIT SHALL BE PREPARED IN A FORMAT WHICH IS ACCEPTABLE TO THE DISTRICT, SHALL BE RETAINED AT THE FACILITY FOR AT LEAST FIVE YEARS, AND SHALL BE MADE AVAILABLE TO ANY DISTRICT REPRESENTATIVE UPON REQUEST.
[RULE 109, 1303(b)(2)-OFFSET, 1401]

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Permit No. F71725
A/N 430371

Equipment Description:

OVEN, CIRCLE, 6'-0" W. X 22'-0" L. X 7'-0" H., 1,500,000 BTU PER HOUR INDIRECT GAS FIRED, WITH ONE 1/3 HP BURNER BLOWER, ONE 1/2 HP EXHAUST BLOWER, AND ONE 5 HP CIRCULATING BLOWER.

Conditions:

1. OPERATION OF THIS EQUIPMENT SHALL BE 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. THE TOTAL QUANTITY OF COATINGS AND SOLVENTS USED IN THE COATING OF ARTICLES PROCESSED IN THIS EQUIPMENT SHALL NOT EXCEED 10 GALLONS IN ANY ONE DAY.
[RULE 1303(b)(2)-OFFSET]
4. THIS EQUIPMENT IS SUBJECT TO THE APPLICABLE REQUIREMENTS OF RULE 1147. PRIOR TO MODIFICATION OF THIS EQUIPMENT TO COME INTO COMPLIANCE WITH THE EMISSION LIMIT OF THIS RULE, THE OPERATOR SHALL SUBMIT AN APPLICATION AND RECEIVE APPROVAL FOR CONSTRUCTION OR MODIFICATION OF THE EQUIPMENT.
[RULE 1147]

Periodic Monitoring:

5. THE OPERATOR SHALL CONDUCT AN INSPECTION FOR VISIBLE EMISSIONS FROM ALL STACKS AND OTHER EMISSION POINTS OF THIS EQUIPMENT WHENEVER THERE IS A PUBLIC COMPLAINT OF VISIBLE EMISSIONS, WHENEVER VISIBLE EMISSIONS ARE OBSERVED, AND ON AN ANNUAL BASIS, AT LEAST, UNLESS THE EQUIPMENT DID NOT OPERATE DURING THE ENTIRE ANNUAL PERIOD. THE ROUTINE ANNUAL INSPECTION SHALL BE CONDUCTED WHILE THE EQUIPMENT IS IN OPERATION AND DURING DAYLIGHT HOURS.

IF ANY VISIBLE EMISSIONS (NOT INCLUDING CONDENSED WATER VAPOR) ARE DETECTED THAT LAST MORE THAN THREE MINUTES IN ANY ONE-HOUR, THE OPERATOR SHALL VERIFY AND CERTIFY WITHIN 24 HOURS THAT THE EQUIPMENT CAUSING THE EMISSION AND ANY ASSOCIATED AIR POLLUTION CONTROL EQUIPMENT ARE OPERATING NORMALLY ACCORDING TO THEIR DESIGN AND STANDARD PROCEDURES AND UNDER THE SAME CONDITIONS UNDER WHICH COMPLIANCE WAS ACHIEVED IN THE PAST, 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

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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:

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

CO: 2000 PPMV, RULE 407
PM: 0.1 GR/SCF, RULE 409
PM: RULE 404, SEE APPENDIX B FOR EMISSION LIMITS
NOx: 30 PPMV, RULE 1147

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Permit No. F71726
A/N 430372

Equipment Description:

AIR POLLUTION CONTROL SYSTEM CONSISTING OF:

1. SCRUBBER, TELCAMP SYSTEM, HORIZONTAL PACKED TYPE, 8'-0" W. X 11'-6" L. X 9'-0" H., WITH TWO 3 HP PUMPS.
2. EXHAUST SYSTEM WITH ONE 3 HP BLOWER VENTING ONE PHOSPHORIC ANODIZING TANK.

Conditions:

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

Periodic Monitoring:

3. THE OPERATOR SHALL USE THIS EQUIPMENT IN SUCH A MANNER THAT THE FLOW RATE OF THE SCRUBBING SOLUTION IS NOT LESS THAN 120 GPM. TO COMPLY WITH THIS CONDITION THE OPERATOR SHALL INSTALL AND MAINTAIN A FLOW METER TO ACCURATELY INDICATE THE FLOW RATE OF THE SCRUBBING SOLUTION. THE OPERATOR SHALL DETERMINE AND RECORD THE PARAMETER BEING MONITORED ONCE EVERY DAY.
[RULE 3004 (a)(4)]

Emissions And Requirements:

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

PM: RULE 404, SEE APPENDIX B FOR EMISSION LIMITS
PM: RULE 1155
PM: 0 PERCENT OPACITY, RULE 1155

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**Permit No. F71727
A/N 430374**

Equipment Description:

OVEN, 28'-0" W. X 13'-6" L. X 7'-10" H., 49.5 KW, ELECTRICALLY HEATED, WITH TWO 1/4 HP CIRCULATING FANS.

Conditions:

1. OPERATION OF THIS EQUIPMENT SHALL BE 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. THE
[RULE 204]

Emissions and Requirements:

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

PM: RULE 404, SEE APPENDIX B FOR EMISSION LIMITS

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Permit No. F71728
A/N 430375

Equipment Description:

OVEN, 30'-9" W. X 8'-0" L. X 10'-3" H., 110 KW, ELECTRICALLY HEATED, WITH ONE 3/4 HP EXHAUST BLOWER AND ONE 10 HP CIRCULATING BLOWER.

Conditions:

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

Periodic Monitoring:

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

PM: RULE 404, SEE APPENDIX B FOR EMISSION LIMITS

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Permit No. F71729
A/N 430376

Equipment Description:

OVEN, COATES ELECTRIC, 5'-11" W. X 9'-10" L. X 8'-10" H., 45 KW, ELECTRICALLY HEATED, WITH THREE 1/3 HP CIRCULATING FANS.

Conditions:

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

Periodic Monitoring:

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

PM: RULE 404, SEE APPENDIX B FOR EMISSION LIMITS

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Permit No. F71730
A/N 430379

Equipment Description:

OVEN, COATES ELECTRIC, 8'-9" W. X 12'-5" L. X 8'-4" H., 80 KW, ELECTRICALLY HEATED, WITH FOUR 1/3 HP CIRCULATING FANS.

Conditions:

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

Periodic Monitoring:

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

PM: RULE 404, SEE APPENDIX B FOR EMISSION LIMITS

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**Permit No. F71731
A/N 430380**

Equipment Description:

OVEN, CIRCLE INDUSTRIAL, MODEL NO. 10710150, S/N 4620; 11'-0" W. X 11'-0" L. X 8'-0" H., 76 KW ELECTRICALLY HEATED, WITH ONE 5 HP CIRCULATING FAN AND ONE 3 HP EXHAUST FAN.

Conditions:

1. OPERATION OF THIS EQUIPMENT SHALL BE IN COMPLIANCE WITH ALL DATA AND SPECIFICATIONS SUBMITTED WITH THE APPLICATION UNDER WHICH THIS PERMIT IS ISSUED UNLESS OTHERWISE NOTED BELOW.
[RULE 204]
2. THIS EQUIPMENT SHALL BE PROPERLY MAINTAINED AND KEPT IN GOOD OPERATING CONDITION AT ALL TIMES.
[RULE 204]
3. THIS OVEN SHALL NOT BE OPERATED AT TEMPERATURES ABOVE 175 DEGREES F.
[RULE 401]

Periodic Monitoring:

4. THE OPERATOR SHALL INSTALL AND MAINTAIN A TEMPERATURE READING DEVICE TO ACCURATELY INDICATE THE TEMPERATURE OF THE OVEN. THE OPERATOR SHALL RECORD THE OVEN TEMPERATURE ONCE EVERY DAY.
[RULE 3004(a)(4)]

Emissions and Requirements:

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

PM: RULE 404, SEE APPENDIX B FOR EMISSION LIMITS

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Permit No. F71732
A/N 430381

Equipment Description:

AN ALODINING LINE CONSISTING OF:

1. AN ANODIZING TANK NO. 3239-3, ALODINE SOLUTION, 1'-0" W. X 27'-0" L. X 2'-0" D., UNHEATED.
2. ASSOCIATED RINSE TANKS.

Conditions:

1. OPERATION OF THIS EQUIPMENT SHALL BE 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. ALODINE TANK NO. 3239-3 SHALL NOT BE HEATED.
[RULE 1303(a)(1)-BACT]

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**Permit No. F71733
A/N 430382**

Equipment Description

OVEN, CIRCLE, MODEL NO. C.I.M. 6-7-20; 6'-0" W. X 20'-0" L. X 7'-0" H., ELECTRIC HEATED 100 KW, WITH ONE 10 H.P. CIRCULATING FAN AND ONE 1/2 H.P. EXHAUST FAN.

Conditions:

1. OPERATION OF THIS EQUIPMENT SHALL BE IN COMPLIANCE WITH ALL DATA AND SPECIFICATIONS SUBMITTED WITH THE APPLICATION UNDER WHICH THIS PERMIT IS ISSUED UNLESS OTHERWISE NOTED BELOW.
[RULE 204]
2. THIS EQUIPMENT SHALL BE PROPERLY MAINTAINED AND KEPT IN GOOD OPERATING CONDITION AT ALL TIMES.
[RULE 204]
3. THIS OVEN SHALL NOT BE OPERATED AT TEMPERATURES ABOVE 350 DEGREES F.
[RULE 401]

Periodic Monitoring:

4. THE OPERATOR SHALL INSTALL AND MAINTAIN A TEMPERATURE READING DEVICE TO ACCURATELY INDICATE THE TEMPERATURE OF THE OVEN. THE OPERATOR SHALL RECORD THE OVEN TEMPERATURE ONCE EVERY DAY.
[RULE 3004(a)(4)]

Emissions and Requirements:

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

PM: RULE 404, SEE APPENDIX B FOR EMISSION LIMITS

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**Permit No. F71736
A/N 430384**

Equipment Description:

AIR POLLUTION CONTROL SYSTEM CONSISTING OF:

1. HORIZONTAL FUME SCRUBBER, HARRINGTON, MODEL ECH 9 9-5 LB, WITH TWO 7-1/2 H.P. RECIRCULATION PUMPS, FORTY-FIVE SPRAY NOZZLES, 5 FEET PACKING DEPTH CONTAINING 3-1/2 INCH DIAMETER LANTEC POLY-PROPYLENE PACKING, A BLADE TYPE MIST ELIMINATOR, AND A 98.6 CUBIC FOOT SUMP.
2. EXHAUST SYSTEM WITH A 35.3 BHP EXHAUST FAN VENTING NINE PROCESS TANK NOS. 3242-1, 3242-4, 3242-15, 3242-17, 3242-24, 3242-26, 3242-27, 3242-31, 3242-33, LOCATED IN BUILDING "U".

Conditions:

1. OPERATION OF THIS EQUIPMENT SHALL BE IN COMPLIANCE WITH ALL DATA AND SPECIFICATIONS SUBMITTED WITH THE APPLICATION UNDER WHICH THIS PERMIT IS ISSUED UNLESS OTHERWISE NOTED BELOW.
[RULE 204]
2. THIS EQUIPMENT SHALL BE PROPERLY MAINTAINED AND KEPT IN GOOD OPERATING CONDITION AT ALL TIMES.
[RULE 204]
3. A FLOWMETER SHALL BE INSTALLED AND MAINTAINED IN THE RECIRCULATING WATER LINE. IN PRACTICE, THE RECIRCULATION FLOW RATE SHALL NOT BE LESS THAN 324 GALLONS PER MINUTE.
[RULE 1303(a)(1)-BACT]

Periodic Monitoring:

4. THE OPERATOR SHALL DETERMINE AND RECORD THE FLOW RATE OF THE SCRUBBING SOLUTION ONCE EVERY DAY.
[RULE 3004(a)(4)]
5. THE OPERATOR SHALL USE THIS EQUIPMENT IN SUCH A MANNER THAT THE pH OF THE SCRUBBING SOLUTION IS NOT LESS THAN 7.1 OF THE pH SCALE. TO COMPLY WITH THIS CONDITION THE OPERATOR SHALL INSTALL AND MAINTAIN A pH METER TO ACCURATELY INDICATE THE pH OF THE SCRUBBING SOLUTION. THE OPERATOR SHALL DETERMINE AND RECORD THE PARAMETER BEING MONITORED ONCE EVERY DAY.
[RULE 3004 (a)(4)]

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6. 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, RULE 1155

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Permit No. F71738
A/N 430385

Equipment Description:

DEGREASING SYSTEM, SEREC, AIRLESS LOW EMISSION CLOSED LOOP VACUUM VAPOR TYPE, CONSISTING OF:

1. CLEANING COMPARTMENT #1, 2'-0" DIA. X 22'-0" L., 518 GALLONS CAPACITY
2. CLEANING COMPARTMENT #2, 5'-0" W. X 13'-0" L. X 1'-6" H., 730 GALLONS CAPACITY
3. STEAM HEATED, WITH A 10 HP VACUUM PUMP AND A 20 HP VACUUM PUMP
4. SOLVENT HOLDING TANK, 3'-6" DIA. X 10'-0" L., 660 GALLONS CAPACITY
5. VAPOR SUPPLY TANK, 2'-0" DIA. X 13'-0" L., 350 GALLONS CAPACITY
6. DISTILLATION TANK, 3'-0" DIA. X 3'-0" L., 160 GALLONS CAPACITY
7. CHILLED WATER PRIMARY COOLER
8. ONE CARBON BED FILTER, 85 GALLON DRUM

Conditions:

1. OPERATION OF THIS EQUIPMENT SHALL BE CONDUCTED IN ACCORDANCE WITH ALL DATA AND SPECIFICATIONS SUBMITTED WITH THE APPLICATION UNDER WHICH THIS PERMIT IS ISSUED UNLESS OTHERWISE NOTED BELOW.
[RULE 204]
2. THIS EQUIPMENT SHALL BE PROPERLY MAINTAINED AND KEPT IN GOOD OPERATING CONDITION AT ALL TIMES.
[RULE 204]
3. THE EQUIPMENT SHALL BE OPERATED IN COMPLIANCE WITH RULE 1122 AND 40CFR 63, SUBPART T.
[RULE 1122, 40CFR63 SUBPART T]
4. THE OPERATOR SHALL ONLY USE PERCHLOROETHYLENE AS THE CLEANING SOLVENT IN THIS DEGREASER.
[RULE 1303(b)(2)-OFFSET]
5. A MONITOR SHALL BE INSTALLED AND MAINTAINED IN THE EXHAUST OF THE CARBON BED FILTER TO MEASURE THE CONCENTRATION OF PERCHLOROETHYLENE IN PPM.
[RULE 1401, 40CFR63 SUBPART T]
6. THE CONCENTRATION OF PERCHLOROETHYLENE IN THE EXHAUST OF THE CARBON BED FILTER SHALL NOT EXCEED 25 PPM.
[RULE 1401, 40CFR63 SUBPART T]

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7. THE OPERATOR SHALL RECORD THE CONCENTRATION OF PERCHLOROETHYLENE IN THE EXHAUST OF THE CARBON BED FILTER AT LEAST ONCE EACH DAY OF OPERATION.
[RULE 1401, 40CFR63 SUBPART T]
8. NO MORE THAN 250 CLEANING LOADS SHALL BE PROCESSED IN THIS DEGREASER IN ANY CALENDAR MONTH.
[RULE 1401, 40CFR63 SUBPART T]
9. THE OPERATOR SHALL KEEP ADEQUATE RECORDS FOR THIS EQUIPMENT TO VERIFY THE NUMBER OF LOADS CLEANED IN THIS DEGREASER EACH CALENDAR MONTH.
[RULE 1401, 40CFR63 SUBPART T]
10. ALL RECORDS REQUIRED BY THIS PERMIT SHALL BE PREPARED IN A FORMAT WHICH IS ACCEPTABLE TO THE DISTRICT, SHALL BE RETAINED AT THE FACILITY FOR AT LEAST FIVE YEARS, AND SHALL BE MADE AVAILABLE TO ANY DISTRICT REPRESENTATIVE UPON REQUEST.
[RULE 109, 1401, 40CFR63 SUBPART T]
11. MATERIALS USED IN THIS EQUIPMENT SHALL NOT CONTAIN ANY COMPOUNDS IDENTIFIED AS CARCINOGENIC AIR CONTAMINANTS IN RULE 1401, TABLE 1, WITH AN EFFECTIVE DATE OF DECEMBER 7, 1990 OR EARLIER.
[RULE 1401]

Emissions and Requirements:

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

VOC: RULE 109
VOC: RULE 1122
HAP: 40 CFR 63, SUBPART T, SEE SECTION J FOR REQUIREMENTS

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PERMIT TO OPERATE

**Permit No. F71739
A/N 430387**

Equipment Description:

SPRAY BOOTH NO. 3030, CIRCLE, FLOOR TYPE, 41'-6" W. X 37'-3" L. X 10'-3" H., WITH NINETY-TWO 20" X 20" EXHAUST FILTER, AND THREE 15-H.P. EXHAUST FANS.

Conditions:

1. OPERATION OF THIS EQUIPMENT SHALL BE CONDUCTED IN ACCORDANCE WITH ALL DATA AND SPECIFICATIONS SUBMITTED WITH THE APPLICATION UNDER WHICH THIS PERMIT IS ISSUED UNLESS OTHERWISE NOTED BELOW.
[RULE 204]
2. THIS EQUIPMENT SHALL BE PROPERLY MAINTAINED AND KEPT IN GOOD OPERATING CONDITION AT ALL TIMES.
[RULE 204]
3. THIS EQUIPMENT SHALL NOT BE OPERATED UNLESS ALL EXHUAST AIR PASSES THROUGH FILTER MEDIA AT LEAST 2 INCHES THICK.
[RULE 1303(a)(1)-BACT]
4. A GAUGE SHALL BE INSTALLED TO INDICATE, IN INCHES OF WATER, THE STATIC PRESSURE DIFFERENTIAL ACROSS THE EXHAUST FILTERS. IN OPERATION, THE PRESSURE DIFFERENTIAL SHALL NOT EXCEED 0.25 INCH OF WATER.
[RULE 1303(a)(1)-BACT]
5. MATERIALS USED IN THIS EQUIPMENT SHALL NOT CONTAIN ANY HEXAVALENT CHROMIUM.
[RULE 1401]
6. IN ADDITION TO RECORDKEEPING REQUIREMENTS OF RULE 109, THE OPERATOR SHALL KEEP ADEQUATE RECORDS FOR THIS EQUIPMENT TO VERIFY THE DAILY VOC EMISSIONS IN POUNDS AND THE VOC CONTENT OF EACH MATERIAL AS APPLIED, INCLUDING WATER AND EXEMPT COMPOUNDS.
[RULE 109, 1303(b)(2)-OFFSET]

Periodic Monitoring:

7. 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

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- 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)]
8. THE OPERATOR SHALL DETERMINE AND RECORD THE PRESSURE DROP ACROSS THE FILTERS ONCE EVERY WEEK.
[RULE 3004 (a)(4)]

Emissions and Requirements:

9. THIS EQUIPMENT IS SUBJECT TO THE APPLICABLE REQUIREMENTS OF THE FOLLOWING RULES AND REGULATIONS:
- VOC: RULE 109
 - VOC: RULE 1124, SEE APPENDIX B FOR EMISSION LIMITS
 - VOC: RULE 1171, SEE APPENDIX B FOR EMISSION LIMITS
 - PM: RULE 481
 - PM: RULE 404, SEE APPENDIX B FOR EMISSION LIMITS
 - HAP(s): 40CFR63, SUBPART GG, SEE SECTION J FOR REQUIREMENTS

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PERMIT TO OPERATE

Permit No. F71740
A/N 430388

Equipment Description:

AN ANODIZING LINE CONSISTING OF:

1. AN ANODIZING TANK NO. 3240-9, PHOSPHORIC ACID, 4'-0" W. X 33'-0" L. X 7'-0" D., HEATED WITH 22.5 KW ELECTRIC HEATER, VENTED TO AIR POLLUTION CONTROL EQUIPMENT.
2. A DEOXIDIZING TANK NO. 3240-3, SULFURIC ACID, 4'-0" W. X 33'-0" L. X 7'-0" D., HOT WATER HEATED VENTED TO AIR POLLUTION CONTROL EQUIPMENT.
3. A DEOXIDIZING TANK NO. 3240-4, SULFURIC ACID, 4'-0" W. X 33'-0" L. X 7'-0" D., HOT WATER HEATED VENTED TO AIR POLLUTION CONTROL EQUIPMENT.

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. TANK NOS. 3240-9, 3240-3 AND 3240-4 SHALL NOT BE OPERATED UNLESS THEY ARE VENTED TO AIR POLLUTION CONTROL EQUIPMENT WHICH IS IN FULL USE AND WHICH HAS BEEN ISSUED AN OPERATING PERMIT BY THE EXECUTIVE OFFICER.
[RULE 1303(a)(1)-BACT]

Emissions and Requirements:

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

PM: RULE 404, SEE APPENDIX B FOR EMISSION LIMITS

FACILITY PERMIT TO OPERATE DUCOMMUN AEROSTRUCTURES, INC.

PERMIT TO OPERATE

**Permit No. F71741
A/N 430389**

Equipment Description:

SPRAY BOOTH NO. 3010A, BINKS, FLOOR TYPE, SHEILA MODEL 300-8T, 12'-0" W. X 32'-0" L. X 8'-0" H., WITH THREE 60" X 60" EXHAUST FILTERS, AND ONE 7 ½ H.P. 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 EQUIPMENT SHALL NOT BE OPERATED UNLESS ALL EXHAUST AIR PASSES THROUGH FILTER MEDIA AT LEAST 2 INCHES THICK.
[RULE 1303(a)(1)-BACT]
4. A GAUGE SHALL BE INSTALLED TO INDICATE, IN INCHES OF WATER, THE STATIC PRESSURE DIFFERENTIAL ACROSS THE EXHAUST FILTERS. IN OPERATION, THE PRESSURE DIFFERENTIAL SHALL NOT EXCEED 0.25 INCH OF WATER.
[RULE 1303(a)(1)-BACT]
5. MATERIALS USED IN THIS EQUIPMENT SHALL NOT CONTAIN ANY HEXAVALENT CHROMIUM.
[RULE 1401]
6. IN ADDITION TO RECORDKEEPING REQUIREMENTS OF RULE 109, THE OPERATOR SHALL KEEP ADEQUATE RECORDS FOR THIS EQUIPMENT TO VERIFY THE DAILY VOC EMISSIONS IN POUNDS AND THE VOC CONTENT OF EACH MATERIAL AS APPLIED, INCLUDING WATER AND EXEMPT COMPOUNDS.
[RULE 109, 1303(b)(2)-OFFSET]

Periodic Monitoring:

7. 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

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- 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)]
8. THE OPERATOR SHALL DETERMINE AND RECORD THE PRESSURE DROP ACROSS THE FILTERS ONCE EVERY WEEK.
[RULE 3004 (a)(4)]

Emissions and Requirements:

9. THIS EQUIPMENT IS SUBJECT TO THE APPLICABLE REQUIREMENTS OF THE FOLLOWING RULES AND REGULATIONS:
- VOC: RULE 109
 - VOC: RULE 1124, SEE APPENDIX B FOR EMISSION LIMITS
 - VOC: RULE 1171, SEE APPENDIX B FOR EMISSION LIMITS
 - PM: RULE 481
 - PM: RULE 404, SEE APPENDIX B FOR EMISSION LIMITS
 - HAP(s): 40CFR63, SUBPART GG, SEE SECTION J FOR REQUIREMENTS

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PERMIT TO OPERATE

**Permit No. F71742
A/N 430390**

Equipment Description:

SPRAY BOOTH NO. 3010E, BINKS, FLOOR TYPE, 19'-0" W. X 32'-0" L. X 8'-0" H., WITH THREE 60" X 60" EXHAUST FILTERS, AND ONE 7 ½ H.P. 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 EQUIPMENT SHALL NOT BE OPERATED UNLESS ALL EXHAUST AIR PASSES THROUGH FILTER MEDIA AT LEAST 2 INCHES THICK.
[RULE 1303(a)(1)-BACT]
4. A GAUGE SHALL BE INSTALLED TO INDICATE, IN INCHES OF WATER, THE STATIC PRESSURE DIFFERENTIAL ACROSS THE EXHAUST FILTERS. IN OPERATION, THE PRESSURE DIFFERENTIAL SHALL NOT EXCEED 0.25 INCH OF WATER.
[RULE 1303(a)(1)-BACT]
5. MATERIALS USED IN THIS EQUIPMENT SHALL NOT CONTAIN ANY HEXAVALENT CHROMIUM.
[RULE 1401]
6. IN ADDITION TO RECORDKEEPING REQUIREMENTS OF RULE 109, THE OPERATOR SHALL KEEP ADEQUATE RECORDS FOR THIS EQUIPMENT TO VERIFY THE DAILY VOC EMISSIONS IN POUNDS AND THE VOC CONTENT OF EACH MATERIAL AS APPLIED, INCLUDING WATER AND EXEMPT COMPOUNDS.
[RULE 109, 1303(b)(2)-OFFSET]

Periodic Monitoring:

7. 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

FACILITY PERMIT TO OPERATE DUCOMMUN AEROSTRUCTURES, INC.

- 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)]
8. THE OPERATOR SHALL DETERMINE AND RECORD THE PRESSURE DROP ACROSS THE FILTERS ONCE EVERY WEEK.
[RULE 3004 (a)(4)]

Emissions and Requirements:

9. THIS EQUIPMENT IS SUBJECT TO THE APPLICABLE REQUIREMENTS OF THE FOLLOWING RULES AND REGULATIONS:
- VOC: RULE 109
VOC: RULE 1124, SEE APPENDIX B FOR EMISSION LIMITS
VOC: RULE 1171, SEE APPENDIX B FOR EMISSION LIMITS
PM: RULE 481
PM: RULE 404, SEE APPENDIX B FOR EMISSION LIMITS
HAP(s): 40CFR63, SUBPART GG, SEE SECTION J FOR REQUIREMENTS

FACILITY PERMIT TO OPERATE DUCOMMUN AEROSTRUCTURES, INC.

PERMIT TO OPERATE

Permit No. F71747
A/N 430396

Equipment Description:

ABRASIVE BLASTING SYSTEM CONSISTING OF:

1. ABRASIVE BLASTING CABINET, ZERO PRODUCTS, MODEL A200, 6'-0" L. X 5'-0" W. X 5'-6" H.
2. SIX NOZZLES WITH A MAXIMUM INSIDE DIAMETER OF 3/8", MAXIMUM AIR PRESSURE OF 80 PSIG.

Conditions:

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

Periodic Monitoring:

4. THE OPERATOR SHALL CONDUCT AN INSPECTION FOR VISIBLE EMISSIONS FROM ALL STACKS AND OTHER EMISSION POINTS OF THIS EQUIPMENT WHENEVER THERE IS A PUBLIC COMPLAINT OF VISIBLE EMISSIONS, WHENEVER VISIBLE EMISSIONS ARE OBSERVED, AND ON AN ANNUAL BASIS, AT LEAST, UNLESS THE EQUIPMENT DID NOT OPERATE DURING THE ENTIRE ANNUAL PERIOD. THE ROUTINE ANNUAL INSPECTION SHALL BE CONDUCTED WHILE THE EQUIPMENT IS IN OPERATION AND DURING DAYLIGHT HOURS.

IF ANY VISIBLE EMISSIONS (NOT INCLUDING CONDENSED WATER VAPOR) ARE DETECTED THAT LAST MORE THAN THREE MINUTES IN ANY ONE-HOUR, THE OPERATOR SHALL VERIFY AND CERTIFY WITHIN 24 HOURS THAT THE EQUIPMENT CAUSING THE EMISSION AND ANY ASSOCIATED AIR POLLUTION CONTROL EQUIPMENT ARE OPERATING NORMALLY ACCORDING TO THEIR DESIGN AND STANDARD PROCEDURES AND UNDER THE SAME CONDITIONS UNDER WHICH COMPLIANCE WAS ACHIEVED IN THE PAST, 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;

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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:

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

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

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PERMIT TO OPERATE

**Permit No. F71748
A/N 430398**

Equipment Description:

AIR POLLUTION CONTROL SYSTEM CONSISTING OF

1. DUST COLLECTOR, ZERO PRODUCTS, MODEL RPH-4L, WITH 4 CARTRIDGE-TYPE FILTERS, 13" X 36" EACH, TOTAL FILTER AREA OF 944 SQ. FT., WITH A REVERSE AIR CLEANING SYSTEM.
2. EXHAUST SYSTEM WITH A 7.5 H.P. BLOWER VENTING ONE ABRASIVE BLASTING CABINET.

Conditions:

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

Periodic Monitoring:

5. THE OPERATOR SHALL CONDUCT AN INSPECTION FOR VISIBLE EMISSIONS FROM ALL STACKS AND OTHER EMISSION POINTS OF THIS EQUIPMENT WHENEVER THERE IS A PUBLIC COMPLAINT OF VISIBLE EMISSIONS, WHENEVER VISIBLE EMISSIONS ARE OBSERVED, AND ON A QUARTERLY BASIS, AT LEAST, UNLESS THE EQUIPMENT DID NOT OPERATE DURING THE ENTIRE QUARTERLY PERIOD. THE ROUTINE QUARTERLY INSPECTION SHALL BE CONDUCTED WHILE THE EQUIPMENT IS IN OPERATION AND DURING DAYLIGHT HOURS. IF ANY VISIBLE EMISSIONS (NOT INCLUDING CONDENSED WATER VAPOR) ARE DETECTED, THE OPERATOR SHALL TAKE CORRECTIVE ACTION(S) THAT ELIMINATES THE VISIBLE EMISSIONS WITHIN 24 HOURS AND REPORT THE VISIBLE EMISSIONS AS A POTENTIAL DEVIATION IN ACCORDANCE WITH THE REPORTING REQUIREMENTS IN SECTION K OF THIS PERMIT.
 - A. THE OPERATOR SHALL KEEP THE RECORDS IN ACCORDANCE WITH THE RECORDKEEPING REQUIREMENTS IN SECTION K OF THIS PERMIT AND THE

FACILITY PERMIT TO OPERATE DUCOMMUN AEROSTRUCTURES, INC.

FOLLOWING RECORDS:

- B. STACK OR EMISSION POINT IDENTIFICATION;
 - C. DESCRIPTION OF ANY CORRECTIVE ACTIONS TAKEN TO ABATE VISIBLE EMISSIONS;
AND
 - D. DATE AND TIME VISIBLE EMISSION WAS ABATED.
[RULE 3004(a)(4)]
6. THE OPERATOR SHALL PERFORM AN ANNUAL INSPECTION OF THE EQUIPMENT AND FILTER MEDIA FOR LEAKS, BROKEN OR TORN FILTER MEDIA AND IMPROPERLY INSTALLED FILTER MEDIA. THE OPERATOR SHALL KEEP RECORDS, IN A MANNER APPROVED BY THE DISTRICT, FOR THE FOLLOWING PARAMETER(S) OR ITEM(S):
- A. THE NAME OF THE PERSON PERFORMING THE INSPECTION AND/OR MAINTENANCE OF THE FILTER MEDIA;
 - B. THE DATE, TIME AND RESULTS OF THE INSPECTION; AND
 - C. THE DATE, TIME AND DESCRIPTION OF ANY MAINTENANCE OR REPAIRS RESULTING FROM THE INSPECTION.
[RULE 3004(a)(4)]
7. THE OPERATOR SHALL DETERMINE AND RECORD THE PRESSURE DROP ACROSS THE CARTRIDGE FILTER ONCE EVERY WEEK.
[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, RULE 1155

FACILITY PERMIT TO OPERATE DUCOMMUN AEROSTRUCTURES, INC.

PERMIT TO OPERATE

Permit No. F71749
A/N 430399

Equipment Description:

ANODIZING TANK NO. 3240-10, ANODIZING CHROMIC ACID SOLUTION, 4'-0" W. X 33'-0" L. X 7'-0" D., 6,500-GALLON CAPACITY, ELECTRICALLY HEATED.

Conditions:

1. OPERATION OF THIS EQUIPMENT SHALL BE 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. THE HEXAVALENT CHROMIUM EMISSIONS DISCHARGED TO THE ATMOSPHERE FROM THIS EQUIPMENT SHALL NOT EXCEED 0.0015 MILLIGRAM PER AMPERE-HOUR.
[RULE 1469]
4. 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 PERMIT BY THE DISTRICT.
[RULE 1401, 1469]
5. THIS EQUIPMENT SHALL BE EQUIPPED WITH NON-RESETTABLE AMPERE-HOUR METER THAT OPERATE ON THE ELECTRICAL POWER LINE(S) CONNECTED TO THE TANK.
[RULE 1469]
6. THE OWNER/OPERATOR SHALL INSPECT AND MAINTAIN THE AMPERE-HOUR METERS ACCORDING TO THE MANUFACTURER'S RECOMMENDATIONS.
[RULE 1469]
7. THE TOTAL CURRENT APPLIED TO THIS TANK SHALL BE RECORDED DAILY IN AMP-HOURS.
[RULE 1469]
8. THE OWNER/OPERATOR SHALL RECORD THE CUMULATIVE RECTIFIER USAGE FOR EACH MONTH OF THE REPORTING PERIOD, AND THE TOTAL CAPACITY USED FOR THE REPORTING PERIOD.
[RULE 1469]
9. THE OWNER/OPERATOR SHALL MAINTAIN ALL DOCUMENTATION SUPPORTING THE NOTIFICATIONS AND REPORTS REQUIRED BY RULE 1469.
[RULE 1469]

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10. THE OWNER/OPERATOR SHALL ANNUALLY COMPLETE, BY FEBRUARY 1 OF EACH YEAR, AN ONGOING COMPLIANCE STATUS REPORT FOR THE PRECEDING CALENDAR YEAR. THE REPORT SHALL CONTAIN THE INFORMATION IDENTIFIED IN APPENDIX 3 OF RULE 1469. THE REPORT SHALL BE MADE AVAILABLE TO SCAQMD PERSONNEL UPON REQUEST.
[RULE 1469]

Emissions and Requirements:

11. THIS EQUIPMENT IS SUBJECT TO THE APPLICABLE REQUIREMENTS OF THE FOLLOWING RULES AND REGULATIONS:
- PM: RULE 404, SEE APPENDIX B FOR EMISSION LIMITS
CR+6 0.0015 MG/AMP-HR, RULE 1469

FACILITY PERMIT TO OPERATE DUCOMMUN AEROSTRUCTURES, INC.

PERMIT TO OPERATE

**Permit No. F71750
A/N 430400**

Equipment Description:

ANODIZING TANK NO. 3240-12, CHROMIC ACID SOLUTION, 3'-0" W. X 3'-0" L. X 2'-0" D., 123 GALLON CAPACITY, ELECTRICALLY HEATED, NO RECTIFIER.

Conditions:

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

FACILITY PERMIT TO OPERATE DUCOMMUN AEROSTRUCTURES, INC.

PERMIT TO OPERATE

**Permit No. F71751
A/N 430401**

Equipment Description:

AIR POLLUTION CONTROL SYSTEM CONSISTING OF:

1. TWO STAGE MESH PAD MIST ELIMINATOR, MIDWEST AIR PRODUCT CO., 5'-6" H. X 4'-0" DIA.
2. EXHAUST SYSTEM WITH A 10 H.P. BLOWER VENTING AN ALODINE WASH TABLE.

Conditions:

1. OPERATION OF THIS EQUIPMENT SHALL BE CONDUCTED IN ACCORDANCE WITH ALL DATA AND SPECIFICATIONS SUBMITTED WITH THE APPLICATION UNDER WHICH THIS PERMIT IS ISSUED UNLESS OTHERWISE NOTED BELOW.
[RULE 204]
2. THIS EQUIPMENT SHALL BE PROPERLY MAINTAINED AND KEPT IN GOOD OPERATING CONDITION AT ALL TIMES.
[RULE 204]
3. THIS EQUIPMENT SHALL BE IN FULL USE WHENEVER THE ALODINING LINE VENTED TO IT IS IN OPERATION.
[RULE 1303(a)(1)-BACT]
4. A MECHANICAL GAUGE SHALL BE INSTALLED AND MAINTAINED SO AS TO INDICATE, IN INCHES WATER COLUMN, THE STATIC PRESSURE DIFFERENTIAL ACROSS BOTH MESH PAD MIST ELIMINATORS. THE SCALE ON THE GAUGE SHALL NOT EXCEED FOUR TIMES THE LIMIT SPECIFIED IN CONDITION NO. 5.
[RULE 1303(a)(1)-BACT]
5. THE TOTAL STATIC PRESSURE DIFFERENTIAL ACROSS BOTH STAGES OF MESH PAD SHALL NOT EXCEED 5.25 INCHES OF WATER COLUMN DURING OPERATION.
[RULE 1303(a)(1)-BACT]
6. THE MECHANICAL GAUGES SHALL BE LOCATED SO THAT THEY CAN BE EASILY VIEWED AND ARE IN CLEAR SIGHT OF THE OPERATION OR MAINTENANCE PERSONNEL.
[RULE 1303(a)(1)-BACT]
7. THE OWNER/OPERATOR SHALL MAINTAIN A WEEKLY RECORD OF THE STATIC PRESSURE DIFFERENTIAL, IN INCHES WATER COLUMN, ACROSS THE MESH PAD MIST ELIMINATOR. THIS RECORD SHALL BE KEPT AND MAINTAINED ON SITE.
[RULE 1303(a)(1)-BACT]

FACILITY PERMIT TO OPERATE DUCOMMUN AEROSTRUCTURES, INC.

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, RULE 1155

FACILITY PERMIT TO OPERATE DUCOMMUN AEROSTRUCTURES, INC.

PERMIT TO OPERATE

**Permit No. F71752
A/N 430402**

AIR POLLUTION CONTROL SYSTEM CONSISTING OF:

1. TWO STAGE MIST ELIMINATOR, VERTICAL COMPOSITE MESH PAD TYPE, MAPCO, WITH TWO MESH PADS, EACH 72" W. X 72" L. X 4" THICK.
2. HEPA FILTER HOUSING, CONSERVE ENGINEERING, WITH NINE PREFILTERS, EACH 24" W. X 24" L. X 1" THICK, AND SEVEN HEPA FILTERS, EACH 24" W. X 24" L. X 12" THICK.
3. EXHAUST SYSTEM WITH A 30 H.P. EXHAUST FAN VENTING A CHROMIC ACID ANODIZING TANK NO. 3240-10.

Conditions:

1. OPERATION OF THIS EQUIPMENT SHALL BE CONDUCTED IN ACCORDANCE WITH ALL DATA AND SPECIFICATIONS SUBMITTED WITH THE APPLICATION UNDER WHICH THIS PERMIT IS ISSUED UNLESS OTHERWISE NOTED BELOW.
[RULE 204]
2. THIS EQUIPMENT SHALL BE PROPERLY MAINTAINED AND KEPT IN GOOD OPERATING CONDITION AT ALL TIMES.
[RULE 204]
3. THIS EQUIPMENT SHALL BE IN FULL USE WHENEVER THE CHROME ANODIZING TANK VENTED TO IT IS IN OPERATION.
[RULE 1401, 1469]
4. THE HEPA FILTERS USED IN THIS EQUIPMENT SHALL BE CERTIFIED BY THE MANUFACTURER TO HAVE A MINIMUM CONTROL EFFICIENCY ON 0.3 MICRON PARTICLES OF AT LEAST 99.97 PERCENT.
[RULE 1401, 1469]
5. DURING TANK OPERATION, HEXAVALENT CHROMIUM EMISSIONS DISCHARGED TO THE ATMOSPHERE SHALL BE LESS THAN 0.0015 MG PER AMP-HR.
[RULE 1401, 1469]
6. A MECHANICAL GAUGE SHALL BE INSTALLED AND MAINTAINED SO AS TO INDICATE, IN INCHES WATER COLUMN, THE STATIC PRESSURE DIFFERENTIAL ACROSS BOTH MESH PAD MIST ELIMINATORS. THE SCALE ON THE GAUGE SHALL NOT EXCEED FOUR TIMES THE LIMIT SPECIFIED IN CONDITION NO. 7.
[RULE 1401, 1469]

FACILITY PERMIT TO OPERATE DUCOMMUN AEROSTRUCTURES, INC.

7. THE TOTAL STATIC PRESSURE DIFFERENTIAL ACROSS BOTH STAGES OF MESH PAD SHALL NOT EXCEED 5.25 INCHES OF WATER COLUMN DURING OPERATION.
[RULE 1401, 1469]
8. A MECHANICAL GAUGE SHALL BE INSTALLED AND MAINTAINED SO AS TO INDICATE, IN INCHES WATER COLUMN, THE STATIC PRESSURE DIFFERENTIAL ACROSS THE HEPA FILTER SYSTEM. THE SCALE ON THE GAUGE SHALL NOT EXCEED FOUR TIMES THE LIMITS SPECIFIED IN CONDITION NO. 9.
[RULE 1401, 1469]
9. THE TOTAL STATIC PRESSURE DIFFERENTIAL ACROSS THE HEPA FILTER SYSTEM (PREFILTER AND HEPA FILTER) SHALL NOT EXCEED 4.25 INCHES OF WATER COLUMN DURING OPERATION.
[RULE 1401, 1469]
10. A MECHANICAL GAUGE SHALL BE INSTALLED AND MAINTAINED SO AS TO INDICATE, IN INCHES WATER COLUMN, THE STATIC PRESSURE DIFFERENTIAL ACROSS THE PREFILTERS AND HEPA FILTERS. THE SCALE ON THE GAUGE SHALL NOT EXCEED FOUR TIMES THE LIMITS SPECIFIED IN CONDITION NO. 11.
[RULE 1401, RULE 1469]
11. THE TOTAL STATIC PRESSURE DIFFERENTIAL ACROSS THE PREFILTER SHALL NOT EXCEED 0.75 INCHES OF WATER COLUMN AND THE DIFFERENTIAL ACROSS THE HEPA FILTER STAGE SHALL NOT EXCEED 3.5 INCHES OF WATER COLUMN DURING OPERATION.
[RULE 1401, 1469]
12. THE MECHANICAL GAUGES SHALL BE LOCATED SO THAT THEY CAN BE EASILY VIEWED AND ARE IN CLEAR SIGHT OF THE OPERATION OR MAINTENANCE PERSONNEL.
[RULE 1401, 1469]
13. THE OWNER/OPERATOR SHALL MAINTAIN A WEEKLY RECORD OF THE STATIC PRESSURE DIFFERENTIAL, IN INCHES WATER COLUMN, ACROSS THE MESH PAD MIST ELIMINATOR AND HEPA FILTER SYSTEM. THIS RECORD SHALL BE KEPT AND MAINTAINED ON SITE.
[RULE 1469]
14. THE OWNER/OPERATOR SHALL ANNUALLY COMPLETE, BY FEBRUARY 1 OF EACH YEAR, AN ONGOING COMPLIANCE STATUS REPORT FOR THE PRECEDING CALENDAR YEAR. THE REPORT SHALL CONTAIN THE INFORMATION IDENTIFIED IN APPENDIX 3 OF RULE 1469. THE REPORT SHALL BE MADE AVAILABLE TO AQMD PERSONNEL UPON REQUEST.
[RULE 1469]
15. THE OWNER/OPERATOR SHALL REPORT BREAKDOWNS AS REQUIRED BY DISTRICT RULE 430.
[RULE 430]
16. THE OWNER/OPERATOR SHALL MAINTAIN RECORDS OF EXCESS EMISSIONS INCLUDING, BUT NOT LIMITED TO, RECORDS OF ANY EXCEEDANCES OF THE EMISSION LIMITATION AND/OR PARAMETER MONITORING REQUIREMENTS CONTAINED IN THIS PERMIT. THE RECORDS SHALL INCLUDE THE DATE OF THE OCCURRENCE, THE DURATION, CAUSE (IF KNOWN), AND WHERE POSSIBLE, THE MAGNITUDE OF ANY EXCESS EMISSIONS.
[RULE 1469]

FACILITY PERMIT TO OPERATE DUCOMMUN AEROSTRUCTURES, INC.

17. AFTER THE EFFECTIVE DATE OF RULE 1469, NO PERSON MAY CONSTRUCT OR MODIFY A SOURCE SUCH THAT IT BECOMES A SOURCE SUBJECT TO THIS SECTION WITHOUT SUBMITTING A NOTIFICATION OF CONSTRUCTION OR MODIFICATION TO THE AQMD AND RECEIVING APPROVAL IN ADVANCE TO CONSTRUCT OR MODIFY THE SOURCE. THE NOTIFICATION OF CONSTRUCTION OR MODIFICATION SHALL CONTAIN THE INFORMATION IDENTIFIED IN APPENDIX 4 OF RULE 1469.
[RULE 1469]
18. THE OWNER/OPERATOR SHALL COMPLY WITH THE INSPECTION AND MAINTENANCE REQUIREMENTS LISTED BELOW:
- A. QUARTERLY VISUAL INSPECTION OF THE DEVICE TO ENSURE THERE IS PROPER DRAINAGE, NO UNUSUAL CHROMIC ACID BUILDUP ON THE MESH PADS, AND NO EVIDENCE OF CHEMICAL ATTACK THAT AFFECTS THE STRUCTURAL INTEGRITY OF THE DEVICE.
 - B. QUARTERLY VISUAL INSPECTION OF THE BACK PORTION OF THE MESH PAD CLOSEST TO THE FAN TO ENSURE THERE IS NO BREAKTHROUGH OF CHROMIC ACID MIST.
 - C. QUARTERLY VISUAL INSPECTION OF THE DUCTWORK FROM TANK TO THE CONTROL DEVICE TO ENSURE THERE ARE NO LEAKS.
 - D. REPAIR ANY LEAKS DETECTED.
 - E. PERFORM WASHDOWN OF THE COMPOSITE MESH PADS IN ACCORDANCE WITH THE MANUFACTURER'S RECOMMENDATIONS.
[RULE 1469]
19. THE OWNER/OPERATOR SHALL MAINTAIN INSPECTION AND MAINTENANCE RECORDS FOR THE MESH PAD MIST ELIMINATOR, HEPA FILTERS, AND MONITORING EQUIPMENT TO DOCUMENT COMPLIANCE WITH THE INSPECTION AND MAINTENANCE REQUIREMENTS OF THIS PERMIT. THE RECORD SHOULD IDENTIFY:
- A. THE DEVICE INSPECTED,
 - B. THE DATE AND TIME OF INSPECTION,
 - C. THE WORKING CONDITION OF THE DEVICE DURING THE INSPECTION,
 - D. ANY MAINTENANCE ACTIVITIES PERFORMED ON THE MESH PAD MIST ELIMINATOR OR PARAMETER MONITORING SYSTEM, AND
 - E. ANY ACTIONS TAKEN TO CORRECT DEFICIENCIES FOUND DURING THE INSPECTION.
[RULE 1469]
20. THE OWNER/OPERATOR SHALL MAINTAIN MONITORING DATA RECORDS THAT ARE USED TO DEMONSTRATE COMPLIANCE WITH THE PARAMETER MONITORING REQUIREMENTS IDENTIFIED IN THIS PERMIT. THE RECORDS SHALL INCLUDE THE DATE AND TIME THE DATA ARE COLLECTED.
[RULE 1469]

FACILITY PERMIT TO OPERATE DUCOMMUN AEROSTRUCTURES, INC.

21. THE OWNER/OPERATOR SHALL COMPLY WITH THE INSPECTION AND MAINTENANCE REQUIREMENTS LISTED BELOW:
 - A. WEEKLY INSPECTION FOR CHANGES IN PRESSURE DROP.
 - B. REPLACE THE MESH PADS AND HEPA FILTERS WHEN THEY HAVE EXCEEDED THE ABOVE MENTIONED LIMITS.
[RULE 1469]
22. A LOG CONCERNING THE OPERATION OF THIS EQUIPMENT SHALL BE KEPT ON FILE FOR A MINIMUM OF FIVE YEARS. THE PAST TWO YEARS' RECORDS SHALL BE KEPT ON SITE AND SHALL BE MADE AVAILABLE UPON REQUEST OF DISTRICT PERSONNEL. THIS LOG SHALL CONTAIN THE FOLLOWING INFORMATION:
 - A. A COPY OF THE MANUFACTURER'S CERTIFICATION OF EFFICIENCY FOR THE HEPA FILTERS.
 - B. COPIES OF ALL RECORDS AND REPORTS REQUIRED BY CONDITION NOS. 15 TO 23, INCLUSIVE.
[RULE 1469]
23. THE STACK SHALL DISCHARGE IN AN UPWARD DIRECTION AND THE STACK HEIGHT SHALL NOT BE LESS THAN 25 FEET ABOVE THE GROUND.
[RULE 1401, 1469]

Emissions And Requirements:

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

PM: RULE 404, SEE APPENDIX B FOR EMISSION LIMITS
CR+6 0.0015 MG/AMP-HR, RULE 1469

FACILITY PERMIT TO OPERATE DUCOMMUN AEROSTRUCTURES, INC.

PERMIT TO OPERATE

**Permit No. F71754
A/N 430404**

Equipment Description:

AIR POLLUTION CONTROL SYSTEM CONSISTING OF:

1. HORIZONTAL FLOW TWO STAGE MESH PAD MIST ELIMINATOR, MIDWEST AIR PRODUCT CO., 5'-11" W. X 9'-0" L. X 6'-11" H.
2. EXHAUST SYSTEM WITH A 30 H.P. BLOWER VENTING TANK NO. 3240-3.

Conditions:

1. OPERATION OF THIS EQUIPMENT SHALL BE CONDUCTED IN COMPLIANCE WITH ALL DATA AND SPECIFICATIONS SUBMITTED WITH THE APPLICATION UNDER WHICH THIS PERMIT IS ISSUED UNLESS OTHERWISE NOTED BELOW.
[RULE 204]
2. THIS EQUIPMENT SHALL BE PROPERLY MAINTAINED AND KEPT IN GOOD OPERATING CONDITION AT ALL TIMES.
[RULE 204]
3. A MECHANICAL GAUGE SHALL BE INSTALLED AND MAINTAINED SO AS TO INDICATE, IN INCHES WATER COLUMN, THE STATIC PRESSURE DIFFERENTIAL ACROSS BOTH MESH PAD MIST ELIMINATORS. THE SCALE ON THE GAUGE SHALL NOT EXCEED FOUR TIMES THE LIMIT SPECIFIED IN CONDITION NO. 4.
[RULE 1303(a)(1)-BACT]
4. THE TOTAL STATIC PRESSURE DIFFERENTIAL ACROSS BOTH STAGES OF MESH PAD SHALL NOT EXCEED 5.25 INCHES OF WATER COLUMN DURING OPERATION.
[RULE 1303(a)(1)-BACT]
5. THIS EQUIPMENT SHALL BE IN OPERATION WHENEVER THE DEOXIDATION TANK IS IN OPERATION.
[RULE 1303(a)(1)-BACT]

Periodic Monitoring:

6. THE OPERATOR SHALL DETERMINE AND RECORD THE PRESSURE DROP ACROSS THE MIST ELIMINATOR ONCE EVERY WEEK.
[RULE 3004 (a)(4)]

FACILITY PERMIT TO OPERATE DUCOMMUN AEROSTRUCTURES, INC.

Emissions And Requirements:

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

PM: RULE 404, SEE APPENDIX B FOR EMISSION LIMITS
PM: RULE 1155
PM: 0 PERCENT OPACITY, RULE 1155

FACILITY PERMIT TO OPERATE DUCOMMUN AEROSTRUCTURES, INC.

PERMIT TO OPERATE

**Permit No. F71755
A/N 430406**

Equipment Description:

AIR POLLUTION CONTROL SYSTEM CONSISTING OF:

1. HORIZONTAL FLOW TWO STAGE MESH PAD MIST ELIMINATOR, MIDWEST AIR PRODUCT CO., 5'-11" W. X 9'-0" L. X 6'-11" H.
2. EXHAUST SYSTEM WITH A 30 H.P. BLOWER VENTING TANK NO. 3240-4.

Conditions:

1. OPERATION OF THIS EQUIPMENT SHALL BE CONDUCTED IN COMPLIANCE WITH ALL DATA AND SPECIFICATIONS SUBMITTED WITH THE APPLICATION UNDER WHICH THIS PERMIT IS ISSUED UNLESS OTHERWISE NOTED BELOW.
[RULE 204]
2. THIS EQUIPMENT SHALL BE PROPERLY MAINTAINED AND KEPT IN GOOD OPERATING CONDITION AT ALL TIMES.
[RULE 204]
3. A MECHANICAL GAUGE SHALL BE INSTALLED AND MAINTAINED SO AS TO INDICATE, IN INCHES WATER COLUMN, THE STATIC PRESSURE DIFFERENTIAL ACROSS BOTH MESH PAD MIST ELIMINATORS. THE SCALE ON THE GAUGE SHALL NOT EXCEED FOUR TIMES THE LIMIT SPECIFIED IN CONDITION NO. 4.
[RULE 1303(a)(1)-BACT]
4. THE TOTAL STATIC PRESSURE DIFFERENTIAL ACROSS BOTH STAGES OF MESH PAD SHALL NOT EXCEED 5.25 INCHES OF WATER COLUMN DURING OPERATION.
RULE 1303(a)(1)-BACT]
5. THIS EQUIPMENT SHALL BE IN OPERATION WHENEVER THE DEOXIDATION TANK IS IN OPERATION.
RULE 1303(a)(1)-BACT]

Periodic Monitoring:

6. THE OPERATOR SHALL DETERMINE AND RECORD THE PRESSURE DROP ACROSS THE MIST ELIMINATOR ONCE EVERY WEEK.
[RULE 3004 (a)(4)]

FACILITY PERMIT TO OPERATE DUCOMMUN AEROSTRUCTURES, INC.

Emissions And Requirements:

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

PM: RULE 404, SEE APPENDIX B FOR EMISSION LIMITS
PM: RULE 1155
PM: 0 PERCENT OPACITY, RULE 1155

FACILITY PERMIT TO OPERATE DUCOMMUN AEROSTRUCTURES, INC.

PERMIT TO OPERATE

Permit No. F77116
A/N 430410

Equipment Description:

OVEN, SPRAY TECH, MODEL ST81035PO, 35'-0" W. X 10'-0" L. X 8'-0" H., WITH ONE 2,700,000 BTU/HOUR MAXON CYCLOMAX LOW NOX NATURAL GAS FIRED BURNER, ONE 2 H.P. COMBUSTION BLOWER, TWO 10 H.P. CIRCULATING BLOWERS AND ONE 20 H.P. EXHAUST FAN.

Conditions:

1. OPERATION OF THIS EQUIPMENT SHALL BE 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. THE OXIDE OF NITROGEN (NOX) EMISSIONS DISCHARGED FROM THIS EQUIPMENT SHALL NOT EXCEED 30 PPM, CALCULATED AS NO₂ BY VOLUME ON A DRY BASIS @ 3% OXYGEN, AVERAGED OVER 30 CONSECUTIVE MINUTES.
[RULE 1303(a)(1)-BACT]
4. THIS OVEN SHALL ONLY BE USED FOR CURING PARTS IN A CLOSED MOLD OR CURING COATINGS WITH NO VOC.
[RULE 1303(b)(2)-OFFSET]
6. MATERIALS USED IN THIS EQUIPMENT SHALL NOT CONTAIN ANY TOXIC AIR CONTAMINANTS IDENTIFIED IN RULE 1401, TABLE 1 WITH AN EFFECTIVE DATE OF MAY 2, 2003 OR EARLIER.
[RULE 1401]

Periodic Monitoring:

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

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ASSOCIATED AIR POLLUTION CONTROL EQUIPMENT ARE OPERATING NORMALLY ACCORDING TO THEIR DESIGN AND STANDARD PROCEDURES AND UNDER THE SAME CONDITIONS UNDER WHICH COMPLIANCE WAS ACHIEVED IN THE PAST, 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:

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

CO: 2000 PPMV, RULE 407
NOx: 30 PPMV, RULE 1303(a)(1)-BACT
NOx: 30 PPMV, RULE 1147
PM: 0.1 GR/SCF, RULE 409
PM: RULE 404, SEE APPENDIX B FOR EMISSION LIMITS

FACILITY PERMIT TO OPERATE DUCOMMUN AEROSTRUCTURES, INC.

PERMIT TO OPERATE

Permit No. G8002
A/N 485212

Equipment Description:

OVEN #1740, INDOCO, 6'-9" W. X 21'-0" L. X 6'-3" H., 1,200,000 BTU PER HOUR GAS FIRED, WITH ONE 10 HP CIRCULATING FAN AND ONE 1/3 HP EXHAUST FAN.

Conditions:

1. OPERATION OF THIS EQUIPMENT SHALL BE 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. THE BURNER IN THIS EQUIPMENT SHALL NOT USE MORE THAN 7,692 CUBIC FEET OF NATURAL GAS IN ANY ONE DAY.
[RULE 1303(a)(1)-BACT]
4. A NON-RESETTABLE TOTALIZING FUEL METER SHALL BE INSTALLED AND MAINTAINED TO VERIFY COMPLIANCE WITH THE DAILY NATURAL GAS USAGE LIMIT.
[RULE 1303(a)(1)-BACT]
5. THE OPERATOR SHALL MAINTAIN A NATURAL GAS CONSUMPTION LOG TO VERIFY COMPLIANCE WITH THE NATURAL GAS USAGE LIMIT. THE LOG SHALL INCLUDE, AT A MINIMUM, THE DATE OF OPERATION OF THIS EQUIPMENT, THE GAS METER READING AT THE BEGINNING OF EACH DAY BEFORE THE EQUIPMENT IS OPERATED, AND AT THE END OF EACH DAY AFTER THE EQUIPMENT IS SHUT DOWN.
[RULE 1303(a)(1)-BACT]
6. THIS EQUIPMENT SHALL ONLY BE USED TO PROCESS ARTICLES THAT ARE CLEANED IN THE AIRLESS DEGREASING SYSTEM USING PERCHLOROETHYLENE.
[RULE 1303(a)(1)-BACT, 1303(b)(2)-OFFSET]
7. THIS EQUIPMENT IS SUBJECT TO THE APPLICABLE REQUIREMENTS OF RULE 1147. PRIOR TO MODIFICATION OF THIS EQUIPMENT TO COME INTO COMPLIANCE WITH THE EMISSION LIMIT OF THIS RULE, THE OPERATOR SHALL SUBMIT AN APPLICATION AND RECEIVE APPROVAL FOR CONSTRUCTION OR MODIFICATION OF THE EQUIPMENT.
[RULE 1147]

FACILITY PERMIT TO OPERATE DUCOMMUN AEROSTRUCTURES, INC.

Periodic Monitoring:

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

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

CO: 2000 PPMV, RULE 407
PM: 0.1 GR/SCF, RULE 409
PM: RULE 404, SEE APPENDIX B FOR EMISSION LIMITS
NOx: 30 PPMV, RULE 1147

FACILITY PERMIT TO OPERATE DUCOMMUN AEROSTRUCTURES, INC.

PERMIT TO OPERATE

Permit No. G8004
A/N 485214

Equipment Description:

SPRAY BOOTH NO. 3037, BLEEKER, FLOOR TYPE, 16'-0" W. X 12'-0" L. X 8'-0" H., WITH FORTY-FOUR 20" X 20" PRIMARY EXHAUST FILTERS, THIRTY-SIX 20" X 20" SECONDARY EXHAUST FILTERS, FOURTEEN 24" X 24" X 12" HEPA EXHAUST FILTERS AND ONE 10 H.P. EXHAUST BLOWER.

Conditions:

1. OPERATION OF THIS EQUIPMENT SHALL BE CONDUCTED IN ACCORDANCE WITH ALL DATA AND SPECIFICATIONS SUBMITTED WITH THE APPLICATION UNDER WHICH THIS PERMIT IS ISSUED UNLESS OTHERWISE NOTED BELOW.
[RULE 204]
2. THIS EQUIPMENT SHALL BE PROPERLY MAINTAINED AND KEPT IN GOOD OPERATING CONDITION AT ALL TIMES.
[RULE 204]
3. THIS EQUIPMENT SHALL NOT BE OPERATED UNLESS ALL EXHAUST AIR PASSES THROUGH THE PRIMARY, SECONDARY EXHAUST FILTERS AND HEPA EXHAUST FILTERS.
[RULE 1303(a)(1)-BACT]
4. THE HEPA FILTERS USED IN THIS EQUIPMENT SHALL BE INDIVIDUALLY DOP TESTED (OR EQUIVALENT) WITH 0.3 MICRON PARTICLES AND CERTIFIED TO HAVE A CONTROL EFFICIENCY OF NOT LESS THAN 99.97%.
[RULE 1469.1]
5. A GAUGE SHALL BE INSTALLED TO INDICATE, IN INCHES OF WATER, THE STATIC PRESSURE DIFFERENTIAL ACROSS EACH SET OF EXHAUST FILTERS. IN OPERATION, THE PRESSURE DIFFERENTIAL SHALL NOT EXCEED 0.25 INCH OF WATER FOR THE PRIMARY EXHAUST FILTERS AND 1.6 INCHES OF WATER FOR THE HEPA EXHAUST FILTERS.
[RULE 1303(a)(1)-BACT]
6. MATERIALS USED IN THIS EQUIPMENT SHALL NOT CONTAIN ANY COMPOUNDS IDENTIFIED AS CARCINOGENIC AIR CONTAMINANTS IN RULE 1401, TABLE I, WITH AN EFFECTIVE DATE OF DECEMBER 7, 1990 OR EARLIER WITH THE EXCEPTION OF HEXAVALENT CHROMIUM.
[RULE 1401]
7. IN ADDITION TO THE RECORDKEEPING REQUIREMENTS OF RULE 109, THE OPERATOR SHALL KEEP ADEQUATE RECORDS FOR THIS EQUIPMENT TO VERIFY THE VOC AND HEXAVALENT CHROMIUM EMISSIONS IN POUNDS AND THE VOC AND HEXAVALENT CHROMIUM CONTENT OF EACH MATERIAL AS APPLIED INCLUDING WATER AND EXEMPT COMPOUNDS.
[RULE 109, 1303(b)(2)-OFFSET, 1401]

FACILITY PERMIT TO OPERATE DUCOMMUN AEROSTRUCTURES, INC.

Periodic Monitoring:

8. 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)]

9. THE OPERATOR SHALL DETERMINE AND RECORD THE PRESSURE DROP ACROSS THE FILTERS ONCE EVERY WEEK.
[RULE 3004 (a)(4)]

Emissions and Requirements:

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

VOC: RULE 109
VOC: RULE 1124, SEE APPENDIX B FOR EMISSION LIMITS
VOC: RULE 1171, SEE APPENDIX B FOR EMISSION LIMITS
PM: RULE 481
PM: RULE 404, SEE APPENDIX B FOR EMISSION LIMITS
HAP(S): 40CFR63, SUBPART GG, SEE SECTION J FOR REQUIREMENTS
Cr⁺⁶: RULE 1469.1

FACILITY PERMIT TO OPERATE DUCOMMUN AEROSTRUCTURES, INC.

PERMIT TO OPERATE

**Permit No. G8003
A/N 485215**

Equipment Description:

SPRAY BOOTH NO. 3038, CIRCLE INDUSTRIAL, DRY FILTER TYPE, 25'-0" W. X 12'-0" L. X 7'-0" H., WITH FORTY-FOUR 20" X 20" PRIMARY EXHAUST FILTERS, FORTY-FOUR 20" X 20" SECONDARY EXHAUST FILTERS, FOURTEEN 24" X 24" X 12" HEPA EXHAUST FILTERS AND TWO 7.5 H.P. EXHAUST BLOWERS.

Conditions:

1. OPERATION OF THIS EQUIPMENT SHALL BE CONDUCTED IN ACCORDANCE WITH ALL DATA AND SPECIFICATIONS SUBMITTED WITH THE APPLICATION UNDER WHICH THIS PERMIT IS ISSUED UNLESS OTHERWISE NOTED BELOW.
[RULE 204]
2. THIS EQUIPMENT SHALL BE PROPERLY MAINTAINED AND KEPT IN GOOD OPERATING CONDITION AT ALL TIMES.
[RULE 204]
3. THIS EQUIPMENT SHALL NOT BE OPERATED UNLESS ALL EXHAUST AIR PASSES THROUGH THE PRIMARY, SECONDARY EXHAUST FILTERS AND HEPA EXHAUST FILTERS.
[RULE 1303(a)(1)-BACT]
4. THE HEPA FILTERS USED IN THIS EQUIPMENT SHALL BE INDIVIDUALLY DOP TESTED (OR EQUIVALENT) WITH 0.3 MICRON PARTICLES AND CERTIFIED TO HAVE A CONTROL EFFICIENCY OF NOT LESS THAN 99.97%.
[RULE 1469.1]
5. A GAUGE SHALL BE INSTALLED TO INDICATE, IN INCHES OF WATER, THE STATIC PRESSURE DIFFERENTIAL ACROSS EACH SET OF EXHAUST FILTERS. IN OPERATION, THE PRESSURE DIFFERENTIAL SHALL NOT EXCEED 0.25 INCH OF WATER FOR THE PRIMARY EXHAUST FILTERS AND 1.6 INCHES OF WATER FOR THE HEPA EXHAUST FILTERS.
[RULE 1303(a)(1)-BACT]
6. THE TOTAL QUANTITY OF VOLATILE ORGANIC COMPOUND (VOC) EMISSIONS FROM THIS EQUIPMENT SHALL NOT EXCEED 26 POUNDS IN ANY ONE DAY.
[RULE 1303(b)(2)-OFFSET]
7. MATERIALS USED IN THIS EQUIPMENT SHALL NOT CONTAIN ANY COMPOUNDS IDENTIFIED AS CARCINOGENIC AIR CONTAMINANTS IN RULE 1401, TABLE I, WITH AN EFFECTIVE DATE OF DECEMBER 7, 1990 OR EARLIER WITH THE EXCEPTION OF HEXAVALENT CHROMIUM.
[RULE 1401]
8. IN ADDITION TO THE RECORDKEEPING REQUIREMENTS OF RULE 109, THE OPERATOR SHALL KEEP ADEQUATE RECORDS FOR THIS EQUIPMENT TO VERIFY THE VOC AND HEXAVALENT

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CHROMIUM EMISSIONS IN POUNDS AND THE VOC AND HEXAVALENT CHROMIUM CONTENT
OF EACH MATERIAL AS APPLIED INCLUDING WATER AND EXEMPT COMPOUNDS.
[RULE 109, 1303(b)(2)-OFFSET, 1401]

Periodic Monitoring:

9. 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)]

10. THE OPERATOR SHALL DETERMINE AND RECORD THE PRESSURE DROP ACROSS THE FILTERS ONCE EVERY WEEK.
[RULE 3004 (a)(4)]

Emissions and Requirements:

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

VOC: RULE 109
VOC: RULE 1124, SEE APPENDIX B FOR EMISSION LIMITS
VOC: RULE 1171, SEE APPENDIX B FOR EMISSION LIMITS
PM: RULE 481
PM: RULE 404, SEE APPENDIX B FOR EMISSION LIMITS
HAP(s): 40CFR63, SUBPART GG, SEE SECTION J FOR REQUIREMENTS
Cr⁺⁶: RULE 1469.1

FACILITY PERMIT TO OPERATE DUCOMMUN AEROSTRUCTURES, INC.

PERMIT TO OPERATE

**Permit No. G8005
A/N 485218**

Equipment Description:

SPRAY BOOTH NO. 3026, CIRCLE INDUSTRIAL MFG., FLOOR TYPE, 33'-0" W. X 45'-0" L. X 10'-0" H., WITH NINETY-SIX 20" X 20" PREFILTERS, TWENTY 24" X 24" PRIMARY EXHAUST FILTERS, TWENTY 24" X 24" X 12" SECONDARY EXHAUST FILTERS, TWENTY 24" X 24" X 12" HEPA EXHAUST FILTERS AND ONE 50 H.P. EXHAUST BLOWER.

Conditions:

1. OPERATION OF THIS EQUIPMENT SHALL BE CONDUCTED IN ACCORDANCE WITH ALL DATA AND SPECIFICATIONS SUBMITTED WITH THE APPLICATION UNDER WHICH THIS PERMIT IS ISSUED UNLESS OTHERWISE NOTED BELOW.
[RULE 204]
2. THIS EQUIPMENT SHALL BE PROPERLY MAINTAINED AND KEPT IN GOOD OPERATING CONDITION AT ALL TIMES.
[RULE 204]
3. THIS EQUIPMENT SHALL NOT BE OPERATED UNLESS ALL EXHAUST AIR PASSES THROUGH THE PREFILTERS, PRIMARY AND SECONDARY EXHAUST FILTERS AND HEPA EXHAUST FILTERS.
[RULE 1303(a)(1)-BACT]
4. THE HEPA FILTERS USED IN THIS EQUIPMENT SHALL BE INDIVIDUALLY DOP TESTED (OR EQUIVALENT) WITH 0.3 MICRON PARTICLES AND CERTIFIED TO HAVE A CONTROL EFFICIENCY OF NOT LESS THAN 99.97%.
[RULE 1469.1]
5. A GAUGE SHALL BE INSTALLED TO INDICATE, IN INCHES OF WATER, THE STATIC PRESSURE DIFFERENTIAL ACROSS EACH SET OF EXHAUST FILTERS. IN OPERATION, THE PRESSURE DIFFERENTIAL SHALL NOT EXCEED 0.25 INCH OF WATER FOR THE PREFILTERS AND 1.6 INCHES OF WATER FOR THE HEPA EXHAUST FILTERS.
[RULE 1303(a)(1)-BACT]
6. MATERIALS USED IN THIS EQUIPMENT SHALL NOT CONTAIN ANY COMPOUNDS IDENTIFIED AS CARCINOGENIC AIR CONTAMINANTS IN RULE 1401, TABLE I, WITH AN EFFECTIVE DATE OF DECEMBER 7, 1990 OR EARLIER WITH THE EXCEPTION OF HEXAVALENT CHROMIUM.
[RULE 1401]
7. IN ADDITION TO THE RECORDKEEPING REQUIREMENTS OF RULE 109, THE OPERATOR SHALL KEEP ADEQUATE RECORDS FOR THIS EQUIPMENT TO VERIFY THE VOC AND HEXAVALENT CHROMIUM EMISSIONS IN POUNDS AND THE VOC AND HEXAVALENT CHROMIUM CONTENT OF EACH MATERIAL APPLIED INCLUDING WATER AND EXEMPT COMPOUNDS.
[RULE 109, 1303(b)(2)-OFFSET, 1401]

FACILITY PERMIT TO OPERATE DUCOMMUN AEROSTRUCTURES, INC.

Periodic Monitoring:

8. 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)]

9. THE OPERATOR SHALL DETERMINE AND RECORD THE PRESSURE DROP ACROSS THE FILTERS ONCE EVERY WEEK.
[RULE 3004 (a)(4)]

Emissions and Requirements:

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

VOC: RULE 109
VOC: RULE 1124, SEE APPENDIX B FOR EMISSION LIMITS
VOC: RULE 1171, SEE APPENDIX B FOR EMISSION LIMITS
PM: RULE 481
PM: RULE 404, SEE APPENDIX B FOR EMISSION LIMITS
HAP(S): 40CFR63, SUBPART GG, SEE SECTION J FOR REQUIREMENTS
Cr⁺⁶: RULE 1469.1

FACILITY PERMIT TO OPERATE DUCOMMUN AEROSTRUCTURES, INC.

PERMIT TO OPERATE

**Permit No. G8006
A/N 485219**

Equipment Description:

SPRAY BOOTH NO. 3036, BLEEKER, FLOOR TYPE, MODEL F-20-8, 20'-0" W. X 12'-0" L. X 8'-0" H., WITH FORTY-FOUR 20" X 20" PRIMARY EXHAUST FILTERS, FORTY-FOUR 20" X 20" SECONDARY EXHAUST FILTERS, FOURTEEN 24" X 24" X 12" HEPA EXHAUST FILTERS AND ONE 10 H.P. EXHAUST BLOWER.

Conditions:

1. OPERATION OF THIS EQUIPMENT SHALL BE CONDUCTED IN ACCORDANCE WITH ALL DATA AND SPECIFICATIONS SUBMITTED WITH THE APPLICATION UNDER WHICH THIS PERMIT IS ISSUED UNLESS OTHERWISE NOTED BELOW.
[RULE 204]
2. THIS EQUIPMENT SHALL BE PROPERLY MAINTAINED AND KEPT IN GOOD OPERATING CONDITION AT ALL TIMES.
[RULE 204]
3. THIS EQUIPMENT SHALL NOT BE OPERATED UNLESS ALL EXHAUST AIR PASSES THROUGH THE PRIMARY AND SECONDARY EXHAUST FILTERS AND HEPA EXHAUST FILTERS.
[RULE 1303(a)(1)-BACT]
4. THE HEPA FILTERS USED IN THIS EQUIPMENT SHALL BE INDIVIDUALLY DOP TESTED (OR EQUIVALENT) WITH 0.3 MICRON PARTICLES AND CERTIFIED TO HAVE A CONTROL EFFICIENCY OF NOT LESS THAN 99.97%.
[RULE 1469.1]
5. A GAUGE SHALL BE INSTALLED TO INDICATE, IN INCHES OF WATER, THE STATIC PRESSURE DIFFERENTIAL ACROSS EACH SET OF EXHAUST FILTERS. IN OPERATION, THE PRESSURE DIFFERENTIAL SHALL NOT EXCEED 0.25 INCH OF WATER FOR THE PRIMARY EXHAUST FILTERS AND 1.6 INCHES OF WATER FOR THE HEPA EXHAUST FILTERS.
[RULE 1303(a)(1)-BACT]
5. THE TOTAL QUANTITY OF VOLATILE ORGANIC COMPOUND (VOC) EMISSIONS FROM THIS EQUIPMENT SHALL NOT EXCEED 61 POUNDS IN ANY ONE DAY.
[RULE 1303(b)(2)-OFFSET]
6. MATERIALS USED IN THIS EQUIPMENT SHALL NOT CONTAIN ANY COMPOUNDS IDENTIFIED AS CARCINOGENIC AIR CONTAMINANTS IN RULE 1401, TABLE I, WITH AN EFFECTIVE DATE OF DECEMBER 7, 1990 OR EARLIER WITH THE EXCEPTION OF HEXAVALENT CHROMIUM.
[RULE 1401]

FACILITY PERMIT TO OPERATE DUCOMMUN AEROSTRUCTURES, INC.

7. IN ADDITION TO THE RECORDKEEPING REQUIREMENTS OF RULE 109, THE OPERATOR SHALL KEEP ADEQUATE RECORDS FOR THIS EQUIPMENT TO VERIFY THE VOC AND HEXAVALENT CHROMIUM EMISSIONS IN POUNDS AND THE VOC AND HEXAVALENT CHROMIUM CONTENT OF EACH MATERIAL APPLIED INCLUDING WATER AND EXEMPT COMPOUNDS.
[RULE 109, 1303(b)(2)-OFFSET, 1401]

Periodic Monitoring:

8. 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)]
9. THE OPERATOR SHALL DETERMINE AND RECORD THE PRESSURE DROP ACROSS THE FILTERS ONCE EVERY WEEK.
[RULE 3004 (a)(4)]

Emissions And Requirements:

10. THIS EQUIPMENT IS SUBJECT TO THE APPLICABLE REQUIREMENTS OF THE FOLLOWING RULES AND REGULATIONS:
- VOC: RULE 109
 - VOC: RULE 1124, SEE APPENDIX B FOR EMISSION LIMITS
 - VOC: RULE 1171, SEE APPENDIX B FOR EMISSION LIMITS
 - PM: RULE 481
 - PM: RULE 404, SEE APPENDIX B FOR EMISSION LIMITS
 - HAP(s): 40CFR63, SUBPART GG, SEE SECTION J FOR REQUIREMENTS
 - Cr⁺⁶: RULE 1469.1

FACILITY PERMIT TO OPERATE DUCOMMUN AEROSTRUCTURES, INC.

PERMIT TO OPERATE

Permit No. G8007
A/N 495585

Equipment Description:

METAL FINISHING LINE CONSISTING OF:

1. TANK NO. 3242-1 (BLDG. U), ALKALINE SOAP, 4'-0" W. X 24'-0" L. X 3'-0" D., HEATED, ELECTRIC HEATER, VENTED TO AIR POLLUTION CONTROL EQUIPMENT.
2. TANK NO. 3242-17 (BLDG U), TITANIUM COAT, 1'-6" W. X 10'-0" L. X 4'-9" D., UNHEATED, VENTED TO AIR POLLUTION CONTROL EQUIPMENT.
3. TANK NO. 3242-4 (BLDG. U), CHEMICAL ETCH, HYDROCHLORIC ACID, HEATED WITH A 10 KW ELECTRIC HEATER, VENTED TO AIR POLLUTION CONTROL EQUIPMENT.
4. TANK NO. 3242-26 (BLDG U), CHEMICAL ETCH, SULFURIC ACID, HEATED WITH A 9 KW ELECTRIC HEATER, VENTED TO AIR POLLUTION CONTROL EQUIPMENT.
5. TANK NO. 3242-15 (BLDG U), PICKLE, NITRIC ACID, HEATED WITH A 1.5 KW ELECTRIC HEATER, VENTED TO AIR POLLUTION CONTROL EQUIPMENT.
6. TANK NO. 3242-31 (BLDG U), STRIP, NITRIC ACID, HEATED WITH A 9 KW ELECTRIC HEATER, VENTED TO AIR POLLUTION CONTROL EQUIPMENT.
7. TANK NO. 3242-33 (BLDG U), PASSIVATION, NITRIC ACID, HEATED WITH A 4.5 KW ELECTRIC HEATER, VENTED TO AIR POLLUTION CONTROL EQUIPMENT.
8. TANK NO. 3242-27 (BLDG U), ETCH, SULFURIC ACID, HEATED WITH A 49.5 KW ELECTRIC HEATER, VENTED TO AIR POLLUTION CONTROL EQUIPMENT.
9. TANK NO. 3242-24 (BLDG U), DESMUTTING, SULFURIC ACID, HEATED WITH A 12 KW ELECTRIC HEATER, VENTED TO AIR POLLUTION CONTROL EQUIPMENT.
10. TANK NO. 3242-34 (BLDG U), NITRIC ACID, SULFURIC ACID AND AMMONIUM BIFLUORIDE, UNHEATED, COVERED.
11. TANK NO. 3242-35 (BLDG U), NITRIC ACID AND HYDROFLUORIC ACID, UNHEATED, COVERED.
12. TANK NO. 3242-37 (BLDG U), NITRIC ACID, UNHEATED, COVERED.
13. TANK NO. 3242-36 (BLDG U), NITRIC ACID, UNHEATED, COVERED.
14. ASSOCIATED RINSE TANKS.

Conditions:

FACILITY PERMIT TO OPERATE DUCOMMUN AEROSTRUCTURES, INC.

1. OPERATION OF THIS EQUIPMENT SHALL BE CONDUCTED IN ACCORDANCE WITH ALL DATA AND SPECIFICATIONS SUBMITTED WITH THE APPLICATION UNDER WHICH THIS PERMIT IS ISSUED UNLESS OTHERWISE NOTED BELOW.
 [RULE 204]
2. THIS EQUIPMENT SHALL BE PROPERLY MAINTAINED AND KEPT IN GOOD OPERATING CONDITION AT ALL TIMES.
 [RULE 204]
3. THIS EQUIPMENT SHALL NOT BE OPERATED UNLESS ALL TANKS AS IDENTIFIED IN THE PERMIT DESCRIPTION ARE VENTED TO AIR POLLUTION CONTROL EQUIPMENT, WHICH HAS BEEN ISSUED A VALID PERMIT TO CONSTRUCT OR OPERATE BY THE EXECUTIVE OFFICER.
 [RULE 1303(a)(1)-BACT]
4. ALL TANKS SHALL BE CLEARLY IDENTIFIED AND LABELED WITH APPROPRIATE TANK NUMBERS AS DESIGNATED IN THE EQUIPMENT DESCRIPTION. THE IDENTIFICATION AND/OR LABELING OF EACH TANK SHALL BE DIRECTLY AFFIXED TO EACH TANK AND SHALL BE CLEARLY VISIBLE AND LEGIBLE.
 [RULE 1303(a)(1)-BACT]
5. TANKS IN THIS LINE SHALL ONLY CONTAIN THE CHEMICALS AND COMPOUNDS SPECIFICALLY IDENTIFIED IN THE EQUIPMENT DESCRIPTION OF THIS PERMIT. NO CHEMICAL COMPOUNDS LISTED IN RULE 1401, TABLE I, WITH AN EFFECTIVE DATE OF MARCH 7, 2008 OTHER THAN THOSE INCLUDED IN THE EQUIPMENT DESCRIPTION ON THIS PERMIT SHALL BE USED IN THIS EQUIPMENT.
 [RULE 1401]
6. AIR SPARGING, RECTIFICATION, AND/OR HEATING SHALL NOT BE CONDUCTED EXCEPT IN TANKS WHERE THESE OPERATIONS ARE SPECIFICALLY IDENTIFIED IN THE EQUIPMENT DESCRIPTION. REMOVAL OF SUCH OPERATIONS SHALL NOT CONSTITUTE A MODIFICATION FOR PERMITTING PURPOSES.
 [RULE 1303(a)(1)-BACT]
7. THE OPEN PROCESS TANKS IN THIS LINE SHALL BE OPERATED AT OR BELOW THE PARAMETER LIMITS INDICATED IN THE FOLLOWING TABLE:

TANK NO.	CHEMICAL	MAXIMUM CHEMICAL CONCENTRATION (% BY WEIGHT)	MAXIMUM OPERATING TEMPERATURE (DEGREES F)	MAXIMUM SURFACE AREA (SQUARE FEET PER TANK)
3242-4	HYDROCHLORIC ACID	30	77	48
3242-15	NITRIC ACID	40	77	13
3242-24	SULFURIC ACID	30	160	12.5
3242-26	SULFURIC ACID	30	145	12.5
3242-27	SULFURIC ACID	30	145	12.5
3242-31	NITRIC ACID	40	175	10

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3242-33	NITRIC ACID	40	77	4
3242-34	NITRIC ACID	40	77	3
3242-35	NITRIC ACID	40	77	3
3242-36	NITRIC ACID	40	77	3
3242-37	NITRIC ACID	40	77	3

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

8. A LOG CONCERNING THE OPERATION OF THIS EQUIPMENT SHALL BE KEPT ON FILE FOR A MINIMUM OF FIVE YEARS. THE PAST TWO YEARS' RECORDS SHALL BE KEPT ON SITE AND SHALL BE MADE AVAILABLE UPON REQUEST OF DISTRICT PERSONNEL. THIS LOG SHALL CONTAIN THE FOLLOWING INFORMATION:

A. THE RECORDS REQUIRED BY THE CONDITIONS IN THIS PERMIT.

B. THE CONCENTRATION, IN PERCENT BY WEIGHT, OF EACH CHEMICAL IN EACH TANK AS DETERMINED EACH MONTH FROM THE ESTIMATED OPERATING LOSSES AND REPLENISHMENT DURING PROCESS OPERATION. THE CONCENTRATION OF EACH CHEMICAL IN EACH TANK SHALL ALSO BE RECORDED IN THIS LOG EACH TIME THE TANK SOLUTION IS REPLACED.

C. MATERIAL SAFETY DATA SHEETS (MSDS) FOR ALL MATERIALS CHARGED TO EACH PROCESS TANK IN THIS TANK LINE.

[RULE 109, 1303(b)(2)-OFFSET, 1401]

9. THE OWNER/OPERATOR SHALL REPORT BREAKDOWNS AS REQUIRED BY AQMD RULE 430.
 [RULE 430]

10. THE OWNER/OPERATOR SHALL MAINTAIN RECORDS OF THE OCCURRENCE, DURATION, CAUSES (IF KNOWN), AND ACTION TAKEN ON EACH BREAKDOWN.
 [RULE 430]

Emissions and Requirements:

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

PM: RULE 404, SEE APPENDIX B FOR EMISSION LIMITS

FACILITY PERMIT TO OPERATE DUCOMMUN AEROSTRUCTURES, INC.

PERMIT TO OPERATE

**Permit No. G9871
A/N 511090**

Equipment Description:

OVEN, SPRAY-TECH, MODEL NO. OVEN36108.5, 10'-0" W. X 35'-0" L. X 8'-0" H., WITH A 2,700,000 BTU/HR DIRECT NATURAL GAS-FIRED MAXON CYCLOMAX LOW NO_x BURNER, A 5 H.P. EXHAUST FAN, TWO 7.5 H.P. RECIRCULATION FANS AND A 2 H.P. COMBUSTION AIR BLOWER.

Conditions:

1. OPERATION OF THIS EQUIPMENT SHALL BE 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. THE OXIDES OF NITROGEN (NO_x) EMISSIONS DISCHARGED FROM THIS EQUIPMENT SHALL NOT EXCEED 30 PPM, CALCULATED AS NO₂ BY VOLUME ON A DRY BASIS @ 3% OXYGEN, AVERAGED OVER 30 CONSECUTIVE MINUTES.
[RULE 1303(a)(1)-BACT]
4. THIS OVEN SHALL ONLY BE USED TO PROCESS PARTS COATED IN THE SPRAY BOOTH UNDER APPLICATION NO. 476446.

Periodic Monitoring:

5. THE OPERATOR SHALL CONDUCT AN INSPECTION FOR VISIBLE EMISSIONS FROM ALL STACKS AND OTHER EMISSION POINTS OF THIS EQUIPMENT WHENEVER THERE IS A PUBLIC COMPLAINT OF VISIBLE EMISSIONS, WHENEVER VISIBLE EMISSIONS ARE OBSERVED, AND ON AN ANNUAL BASIS, AT LEAST, UNLESS THE EQUIPMENT DID NOT OPERATE DURING THE ENTIRE ANNUAL PERIOD. THE ROUTINE ANNUAL INSPECTION SHALL BE CONDUCTED WHILE THE EQUIPMENT IS IN OPERATION AND DURING DAYLIGHT HOURS.

IF ANY VISIBLE EMISSIONS (NOT INCLUDING CONDENSED WATER VAPOR) ARE DETECTED THAT LAST MORE THAN THREE MINUTES IN ANY ONE-HOUR, THE OPERATOR SHALL VERIFY AND CERTIFY WITHIN 24 HOURS THAT THE EQUIPMENT CAUSING THE EMISSION AND ANY ASSOCIATED AIR POLLUTION CONTROL EQUIPMENT ARE OPERATING NORMALLY ACCORDING TO THEIR DESIGN AND STANDARD PROCEDURES AND UNDER THE SAME CONDITIONS UNDER WHICH COMPLIANCE WAS ACHIEVED IN THE PAST, AND EITHER:

FACILITY PERMIT TO OPERATE DUCOMMUN AEROSTRUCTURES, INC.

- 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:

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

CO: 2000 PPMV, RULE 407
NOx: 30 PPMV, RULE 1303(a)(1)-BACT
NOx: 30 PPMV, RULE 1147
PM: 0.1 GR/SCF, RULE 409
PM: RULE 404, SEE APPENDIX B FOR EMISSION LIMITS

FACILITY PERMIT TO OPERATE DUCOMMUN AEROSTRUCTURES, INC.

PERMIT TO CONSTRUCT/OPERATE

Permit No. F97043
A/N 476446

Equipment Description:

SPRAY BOOTH, AUTOMOTIVE DOWN-DRAFT TYPE, SPRAYTECH, MODEL NO. ST91424 HPFD, 14'-0" W. X 45'-0" L. X 9'-11" H. (INSIDE DIMENSIONS), WITH ONE 13'-1.5" X 42'-8" PRIMARY EXHAUST FILTER, TWENTY 20" x 20" x 15" SECONDARY EXHAUST BAG FILTERS, TWENTY 20" x 20" x 11" HEPA EXHAUST FILTERS, ONE 15 H. P. EXHAUST FAN AND ONE 2,200,000 BTU/HR NATURAL GAS-FIRED HEATER.

Conditions:

1. OPERATION OF THIS EQUIPMENT SHALL BE CONDUCTED IN ACCORDANCE WITH ALL DATA AND SPECIFICATIONS SUBMITTED WITH THE APPLICATION UNDER WHICH THIS PERMIT IS ISSUED UNLESS OTHERWISE NOTED BELOW.
[RULE 204]
2. THIS EQUIPMENT SHALL BE PROPERLY MAINTAINED AND KEPT IN GOOD OPERATING CONDITION AT ALL TIMES.
[RULE 204]
3. THIS EQUIPMENT SHALL NOT BE OPERATED UNLESS ALL EXHAUST AIR PASSES THROUGH THE PRIMARY, SECONDARY AND HEPA EXHAUST FILTERS.
[RULE 1303(a)(1)-BACT]
4. A GAUGE SHALL BE INSTALLED TO INDICATE IN INCHES OF WATER, THE STATIC PRESSURE DIFFERENTIAL ACROSS THE PRIMARY FILTERS. IN OPERATION, THE PRESSURE DIFFERENTIAL SHALL NOT EXCEED 0.25 INCH OF WATER.
[RULE 1303(a)(1)-BACT]
5. A GAUGE SHALL BE INSTALLED TO INDICATE IN INCHES OF WATER, THE STATIC PRESSURE DIFFERENTIAL ACROSS THE HEPA FILTERS. IN OPERATION, THE PRESSURE DIFFERENTIAL SHALL NOT EXCEED 2.5 INCH OF WATER AND SHALL NOT BE LOWER THAN 0.5 INCH OF WATER.
[RULE 1303(a)(1)-BACT]
6. THE HEPA FILTERS USED IN THIS EQUIPMENT SHALL BE INDIVIDUALLY DOP TESTED WITH 0.3 MICRON PARTICLES AND CERTIFIED TO HAVE AN EFFICIENCY OF NOT LESS THAN 99.997%.
[RULE 1303(a)(1)-BACT, 1469.1]
7. THIS EQUIPMENT SHALL NOT USE MORE THAN 10,000 CUBIC FEET OF NATURAL GAS IN ANY ONE DAY.
[RULE 1303(a)(1)-BACT]

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8. A NON-RESETTABLE TOTALIZING FUEL METER SHALL BE INSTALLED AND MAINTAINED TO VERIFY COMPLIANCE WITH CONDITION NO. 7.
[RULE 1303(a)(1)-BACT]
9. THE OPERATOR SHALL MAINTAIN A FUEL USAGE LOG TO DEMONSTRATE COMPLIANCE WITH CONDITION NO. 7. THE LOG SHALL INCLUDE, AT A MINIMUM, THE DATE THE SPRAY BOOTH IS OPERATED, THE METER READINGS AT THE BEGINNING AND AT THE END OF THE OPERATION, AND THE DAILY FUEL USAGE.
[RULE 1303(a)(1)-BACT]
10. THE TOTAL QUANTITY OF VOC EMISSIONS FROM THIS EQUIPMENT SHALL BE LESS THAN 667 POUNDS IN ANY ONE CALENDAR MONTH.
[RULE 1303(a)(1)-BACT]
11. MATERIALS USED IN THIS EQUIPMENT SHALL NOT CONTAIN ANY COMPOUNDS IDENTIFIED AS TOXIC AIR CONTAMINANTS IN RULE 1401, TABLE I, WITH AN EFFECTIVE DATE OF MARCH 4, 2005 OR EARLIER WITH THE EXCEPTION OF HEXAVALENT CHROMIUM (CAS # 18540-29-9), FORMALDEHYDE (CAS # 50-00-0), LEAD & LEAD COMPOUNDS (CAS # 7439-92-1), METHYL ALCOHOL (CAS # 67-56-1), METHYL ETHYL KETONE (CAS # 78-93-3), TOLUENE (CAS # 108-88-3) AND XYLENE (CAS # 1330-20-7).
[RULE 1401]
12. THE TOTAL QUANTITY OF MATERIALS CONTAINING FORMALDEHYDE, LEAD AND LEAD COMPOUNDS AND CHROMIUM & CHROMIUM COMPOUNDS USED IN THIS EQUIPMENT SHALL NOT EXCEED 250 GALLONS IN ANY ONE CALENDAR YEAR.
[RULE 1401]
13. THE MATERIALS USED IN THIS EQUIPMENT SHALL NOT CONTAIN MORE THAN THE FOLLOWING:

A.	CHROMIUM & CHROMIUM COMPOUNDS (CAS # 18540-29-9)	30% BY WEIGHT
B.	LEAD & LEAD COMPOUNDS (CAS # 7439-92-1)	10% BY WEIGHT
C.	FORMALDEHYDE (CAS # 50-00-0)	0.004% BY WEIGHT

[RULE 1401]
14. IN ADDITION TO THE RECORDKEEPING REQUIREMENTS OF RULE 109, THE OPERATOR SHALL KEEP ADEQUATE RECORDS FOR THIS EQUIPMENT TO VERIFY THE VOC AND HEXAVALENT CHROMIUM EMISSIONS IN POUNDS AND THE VOC AND HEXAVALENT CHROMIUM CONTENT OF EACH MATERIAL APPLIED INCLUDING WATER AND EXEMPT COMPOUNDS. RECORDS SHALL ALSO BE KEPT OF PERCENT BY WEIGHT OF CHROMIUM & CHROMIUM COMPOUNDS, LEAD & LEAD COMPOUNDS, AND FORMALDEHYDE CONTAINED IN THE MATERIALS USED IN THIS EQUIPMENT.
[RULE 109, 1303(b)(2)-OFFSET, 1401]
15. WITHIN 14 CALENDAR DAYS AFTER THE END OF EACH MONTH, THE OPERATOR SHALL TOTAL AND RECORD VOC AND HEXAVALENT CHROMIUM EMISSIONS FOR THE MONTH FROM THIS EQUIPMENT. 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

FACILITY PERMIT TO OPERATE DUCOMMUN AEROSTRUCTURES, INC.

COMPLIANCE WITH DISTRICT RULES.
[RULE 109, 1303(b)(2)-OFFSET, 1401]

16. THE OPERATOR SHALL MAINTAIN A SINGLE LIST, WHICH INCLUDES ONLY THE NAME AND ADDRESS OF EACH PERSON FROM WHOM THE FACILITY ACQUIRED VOC AND HEXAVALENT CHROMIUM CONTAINING MATERIAL REGULATED BY THE DISTRICT THAT WAS USED IN THIS EQUIPMENT DURING THE PRECEDING 12 MONTHS.
[RULE 109, 1303(b)(2)-OFFSET, 1401]
17. THE OPERATOR SHALL RETAIN ALL PURCHASE INVOICES FOR ALL VOC AND HEXAVALENT CHROMIUM CONTAINING MATERIAL USED IN THIS EQUIPMENT OR STORED AT THE FACILITY AND ALL WASTE MANIFESTS FOR ALL WASTE VOC AND HEXAVALENT CHROMIUM CONTAINING MATERIAL REMOVED FROM THE FACILITY.
[RULE 109, 1303(b)(2)-OFFSET, 1401]

Periodic Monitoring:

18. 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)]
19. THE OPERATOR SHALL DETERMINE AND RECORD THE PRESSURE DROP ACROSS THE FILTERS ONCE EVERY WEEK.
[RULE 3004 (a)(4)]

Emissions and Requirements:

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

VOC: RULE 109
VOC: RULE 1124, SEE APPENDIX B FOR EMISSION LIMITS
VOC: RULE 1171, SEE APPENDIX B FOR EMISSION LIMITS
PM: RULE 481
PM: RULE 404, SEE APPENDIX B FOR EMISSION LIMITS
HAP(S): 40CFR63, SUBPART GG, SEE SECTION J FOR REQUIREMENTS
CR+6: RULE 1469.1

FACILITY PERMIT TO OPERATE DUCOMMUN AEROSTRUCTURES, INC.

PERMIT TO CONSTRUCT

A/N 511879
Granted as of
September 3, 2010

Equipment Description:

AIR POLLUTION CONTROL SYSTEM CONSISTING OF:

1. DUST COLLECTOR, CLEMCO INDUSTRIES, MODEL ZERO RPH-2-900, WITH A CYCLONE, TWO CARTRIDGE-TYPE FILTERS, 12" DIA X 3' L. EACH, TOTAL FILTER AREA OF 470 SQ. FT., ONE 25" X 25" X 4.5" HEPA FILTER AND A REVERSE-PULSE CLEANING SYSTEM.
2. EXHAUST SYSTEM WITH A 2 H.P. BLOWER VENTING ONE ABRASIVE BLASTING CABINET

Conditions:

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

Periodic Monitoring:

5. THE OPERATOR SHALL CONDUCT AN INSPECTION FOR VISIBLE EMISSIONS FROM ALL STACKS AND OTHER EMISSION POINTS OF THIS EQUIPMENT WHENEVER THERE IS A PUBLIC COMPLAINT OF VISIBLE EMISSIONS, WHENEVER VISIBLE EMISSIONS ARE OBSERVED, AND ON AN ANNUAL BASIS, AT LEAST, UNLESS THE EQUIPMENT DID NOT OPERATE DURING THE ENTIRE ANNUAL PERIOD. THE ROUTINE ANNUAL INSPECTION SHALL BE CONDUCTED WHILE THE EQUIPMENT IS IN OPERATION AND DURING DAYLIGHT HOURS. IF ANY VISIBLE EMISSIONS (NOT INCLUDING CONDENSED WATER VAPOR) ARE DETECTED, 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.

FACILITY PERMIT TO OPERATE DUCOMMUN AEROSTRUCTURES, INC.

- A. THE OPERATOR SHALL KEEP THE RECORDS IN ACCORDANCE WITH THE RECORDKEEPING REQUIREMENTS IN SECTION K OF THIS PERMIT AND THE FOLLOWING RECORDS:
 - B. STACK OR EMISSION POINT IDENTIFICATION;
 - C. DESCRIPTION OF ANY CORRECTIVE ACTIONS TAKEN TO ABATE VISIBLE EMISSIONS; AND
 - D. DATE AND TIME VISIBLE EMISSION WAS ABATED.
[RULE 3004(a)(4)]

- 6. THE OPERATOR SHALL PERFORM AN ANNUAL INSPECTION OF THE EQUIPMENT AND FILTER MEDIA FOR LEAKS, BROKEN OR TORN FILTER MEDIA AND IMPROPERLY INSTALLED FILTER MEDIA. THE OPERATOR SHALL KEEP RECORDS, IN A MANNER APPROVED BY THE DISTRICT, FOR THE FOLLOWING PARAMETER(S) OR ITEM(S):
 - A. THE NAME OF THE PERSON PERFORMING THE INSPECTION AND/OR MAINTENANCE OF THE FILTER MEDIA;
 - B. THE DATE, TIME AND RESULTS OF THE INSPECTION; AND
 - C. THE DATE, TIME AND DESCRIPTION OF ANY MAINTENANCE OR REPAIRS RESULTING FROM THE INSPECTION.
[RULE 3004(a)(4)]

- 7. THE OPERATOR SHALL DETERMINE AND RECORD THE PRESSURE DROP ACROSS THE CARTRIDGE FILTER ONCE EVERY WEEK.
[RULE 3004(a)(4)]

Emissions and Requirements:

- 8. THIS EQUIPMENT IS SUBJECT TO THE APPLICABLE REQUIREMENTS OF THE FOLLOWING RULES AND REGULATIONS:
 - PM: RULE 1155
 - PM: 0 PERCENT OPACITY, RULE 1155
 - PM: RULE 404, SEE APPENDIX B FOR EMISSION LIMITS

FACILITY PERMIT TO OPERATE DUCOMMUN AEROSTRUCTURES, INC.

PERMIT TO CONSTRUCT

A/N 512075
Granted as of
September 3, 2010

Equipment Description:

ABRASIVE BLASTING SYSTEM CONSISTING OF:

1. ABRASIVE BLASTING CABINET, CLEMCO INDUSTRIES, MODEL BNP DOUBLE 65/220 DUAL STATION, 8'-5" L. X 3'-3" W. X 3'-7" H.
2. TWO NOZZLES WITH A MAXIMUM INSIDE DIAMETER OF 5/16", MAXIMUM AIR PRESSURE OF 125 PSIG.

Conditions:

1. OPERATION OF THIS EQUIPMENT SHALL BE CONDUCTED IN ACCORDANCE WITH ALL DATA AND SPECIFICATIONS SUBMITTED WITH THE APPLICATION UNDER WHICH THIS PERMIT IS ISSUED UNLESS OTHERWISE NOTED BELOW.
[RULE 204]
2. THIS EQUIPMENT SHALL BE PROPERLY MAINTAINED AND KEPT IN GOOD OPERATING CONDITION AT ALL TIMES.
[RULE 204]
3. THIS EQUIPMENT SHALL NOT BE OPERATED UNLESS IT IS VENTED TO AIR POLLUTION CONTROL EQUIPMENT WHICH IS IN FULL USE AND WHICH HAS BEEN ISSUED A VALID PERMIT TO CONSTRUCT BY THE EXECUTIVE OFFICER.
[RULE 1303(a)(1)-BACT]
4. ABRASIVE BLASTING MEDIA USED IN THIS EQUIPMENT SHALL NOT CONTAIN ANY COMPOUNDS IDENTIFIED AS TOXIC AIR CONTAMINANTS IN RULE 1401, TABLE I, WITH AN EFFECTIVE DATE OF JUNE 5, 2009 OR EARLIER.
[RULE 1401]

Periodic Monitoring:

5. THE OPERATOR SHALL CONDUCT AN INSPECTION FOR VISIBLE EMISSIONS FROM ALL STACKS AND OTHER EMISSION POINTS OF THIS EQUIPMENT WHENEVER THERE IS A PUBLIC COMPLAINT OF VISIBLE EMISSIONS, WHENEVER VISIBLE EMISSIONS ARE OBSERVED, AND ON AN ANNUAL BASIS, AT LEAST, UNLESS THE EQUIPMENT DID NOT OPERATE DURING THE ENTIRE ANNUAL PERIOD. THE ROUTINE ANNUAL INSPECTION SHALL BE CONDUCTED WHILE THE EQUIPMENT IS IN OPERATION AND DURING DAYLIGHT HOURS.

FACILITY PERMIT TO OPERATE DUCOMMUN AEROSTRUCTURES, INC.

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 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:

- 6. THIS EQUIPMENT IS SUBJECT TO THE APPLICABLE REQUIREMENTS OF THE FOLLOWING RULES AND REGULATIONS:
 - PM: RULE 1140, SEE APPENDIX B FOR EMISSION LIMITS
 - PM: RULE 404, SEE APPENDIX B FOR EMISSION LIMITS
 - PM: RULE 405, SEE APPENDIX B FOR EMISSION LIMITS

FACILITY PERMIT TO OPERATE DUCOMMUN AEROSTRUCTURES, INC.

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 COATINGS.
FOR 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 COATINGS.
[RULE 3004 (a)(4)]

Emissions and Requirements:

2. THIS EQUIPMENT IS SUBJECT TO THE APPLICABLE REQUIREMENTS OF THE FOLLOWING RULES AND REGULATIONS:
VOC: RULE 1113, SEE APPENDIX B FOR EMISSION LIMITS
VOC: RULE 1171, SEE APPENDIX B FOR EMISSION LIMITS

FACILITY PERMIT TO OPERATE DUCOMMUN AEROSTRUCTURES, INC.

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 REGULATIONS:

VOC: RULE 109

VOC: RULE 1107, SEE APPENDIX B FOR EMISSION LIMITS

VOC: RULE 1171, SEE APPENDIX B FOR EMISSION LIMITS

FACILITY PERMIT TO OPERATE DUCOMMUN AEROSTRUCTURES, INC.

RULE 219 EQUIPMENT

Equipment Description:

RULE 219 EXEMPT EQUIPMENT, HAND LAY, BRUSH AND ROLL UP RESIN OPERATIONS.

Emissions and Requirements:

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

VOC: RULE 109

VOC: RULE 1162, SEE APPENDIX B FOR EMISSION LIMITS

VOC: RULE 1171, SEE APPENDIX B FOR EMISSION LIMITS

FACILITY PERMIT TO OPERATE DUCOMMUN AEROSTRUCTURES, INC.

RULE 219 EQUIPMENT

Equipment Description:

RULE 219 EXEMPT EQUIPMENT, ADHESIVE OPERATIONS, LOW USE OR EMISSIONS.

Emissions and Requirements:

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

VOC: RULE 109

VOC: RULE 1168, SEE APPENDIX B FOR EMISSION LIMITS

VOC: RULE 1171, SEE APPENDIX B FOR EMISSION LIMITS

FACILITY PERMIT TO OPERATE DUCOMMUN AEROSTRUCTURES, INC.

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 REGULATIONS:

VOC: RULE 1171, SEE APPENDIX B FOR EMISSION LIMITS

VOC: RULE 109

FACILITY PERMIT TO OPERATE DUCOMMUN AEROSTRUCTURES, INC.

RULE 219 EQUIPMENT

Equipment Description:

RULE 219 EXEMPT EQUIPMENT, BOILER, > 400,000 BTU/HR BUT < 2 MMBTU/HR.

Emissions and Requirements:

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

PM: 0.1 gr/scf, RULE 409
NOx: 30 PPMV, RULE 1146.2
CO: 400 PPMV, RULE 1146.2
CO: 2000 PPMV, RULE 407

FACILITY PERMIT TO OPERATE DUCOMMUN AEROSTRUCTURES, INC.

RULE 219 EQUIPMENT

Equipment Description:

RULE 219 EXEMPT EQUIPMENT, AIR CONDITIONING UNITS

Emissions and Requirements:

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

VOC: RULE 1415
VOC: 40CFR 82 SUBPART F

FACILITY PERMIT TO OPERATE DUCOMMUN AEROSTRUCTURES, INC.

RULE 219 EQUIPMENT

Equipment Description:

RULE 219 EXEMPT EQUIPMENT, ABRASIVE BLASTING EQUIPMENT, SHOT PEENING, AND ANY CONTROL EQUIPMENT.

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)]

FACILITY PERMIT TO OPERATE DUCOMMUN AEROSTRUCTURES, INC.

Emissions and Requirements:

4. THIS EQUIPMENT IS SUBJECT TO THE APPLICABLE REQUIREMENTS OF THE FOLLOWING RULES AND REGULATIONS:
 - PM: RULE 404, SEE APPENDIX B FOR EMISSION LIMITS
 - PM: RULE 405, SEE APPENDIX B FOR EMISSION LIMITS
 - PM: RULE 1140, SEE APPENDIX B FOR EMISSION LIMITS

FACILITY PERMIT TO OPERATE DUCOMMUN AEROSTRUCTURES INC

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 statutes 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 DUCOMMUN AEROSTRUCTURES INC

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 DUCOMMUN AEROSTRUCTURES INC

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.

FACILITY PERMIT TO OPERATE DUCOMMUN AEROSTRUCTURES INC

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]

**FACILITY PERMIT TO OPERATE
DUCOMMUN AEROSTRUCTURES INC**

SECTION F: RECLAIM MONITORING AND SOURCE TESTING REQUIREMENTS

NOT APPLICABLE

**FACILITY PERMIT TO OPERATE
DUCOMMUN AEROSTRUCTURES INC**

**SECTION G: RECORDKEEPING AND REPORTING REQUIREMENTS FOR
RECLAIM SOURCES**

NOT APPLICABLE

**FACILITY PERMIT TO OPERATE
DUCOMMUN AEROSTRUCTURES, INC.**

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 DUCOMMUN AEROSTRUCTURES INC

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.

FACILITY PERMIT TO OPERATE DUCOMMUN AEROSTRUCTURES INC

SECTION J: AIR TOXICS [40CFR 63 Subpart GG 12-08-2000]

NATIONAL EMISSION STANDARDS FOR HAZARDOUS AIR POLLUTANTS FOR AEROSPACE MANUFACTURING AND REWORK FACILITIES

1. The operator shall comply with all applicable requirements of 40 CFR 63, Subpart GG and of 40 CFR 63, Subpart A - General Provisions by the compliance date(s) specified in these subparts.
2. The operator shall conduct all cleaning operations pursuant to all applicable requirements specified in Section 63.744.
3. The operator shall comply with all applicable requirements of Sections 63.745 and 63.747 for all primer, topcoat, and chemical milling maskant application operations. Primers, topcoats, and chemical milling maskants that are applied to aerospace parts without being vented to a control system shall comply with the following limits.

Coating Type	Organic HAP Limits (g/l) (less water)	VOC Limit (g/l) (less water/exempt solvents)
Primer	350	350
Topcoats	420	420
Self-priming Topcoats	420	420
Chemical Milling Maskant Type I	622	622
Chemical Milling Maskant Type II	160	160

For primer, topcoat, and chemical milling maskant application operations that are vented to a control system, each control system shall reduce the operation's organic HAP and VOC emissions to the atmosphere by 81% or greater, taking into account capture and destruction or removal efficiencies, as determined using the procedures in Section 63.750(g) when a carbon adsorber is used and in Section 63.750(h) when a control device other than a carbon adsorber is used.

4. The operator shall comply with all applicable requirements of Section 63.746 for all depainting operations.
5. The operator shall conduct the handling and transfer of the waste to and from containers, tanks, vats, vessels, and piping systems in such a manner that minimizes spills pursuant to Section 63.748.
6. The operator shall comply with all applicable requirements of this subpart by the compliance dates specified in Section 63.749.

FACILITY PERMIT TO OPERATE DUCOMMUN AEROSTRUCTURES INC

SECTION J: AIR TOXICS [40CFR 63 Subpart GG 12-08-2000]

7. The operator of a facility using any HAP-containing chemicals or control equipment venting such chemicals, that are required by this subpart to conduct chemical analyses and/or performance testing, shall submit a protocol to the AQMD for approval of no less than 60 days prior to testing. The tests shall be conducted in accordance with the test methods and procedures specified in Section 63.750.
8. The operator shall comply with all applicable monitoring requirements specified in Section 63.751.
9. The operator shall keep all records pursuant to Section 63.752 of this subpart and Subpart A to demonstrate compliance with all applicable requirements. All records including data, calculations and any supporting documentation shall be prepared in a format which is acceptable to the AQMD.
10. The operator shall submit all reports, notifications, plans, submittals and other communications required by Section 63.753 of this subpart or Subpart A to the AQMD and, unless notified to the contrary by AQMD or US EPA, to US EPA Region IX (See Sections E and K of this permit for addresses).
11. Alternative plans, compliance plans, and the construction and operation of new or modified air pollution control equipment that are required by this subpart shall be approved through the AQMD permit system.

FACILITY PERMIT TO OPERATE DUCOMMUN AEROSTRUCTURES INC

SECTION J: AIR TOXICS [40CFR 63 Subpart T, #31 06-05-1995]

BATCH COLD CLEANING MACHINES

1. The operator shall comply with all applicable requirements and standards of Subpart T and Subpart A - General Provisions by the date(s) specified in these subparts.
2. The operator shall comply with the cleaning machine standards and work practices of 40 CFR 63.462.
3. The operator shall comply with all applicable recordkeeping and reporting required by 40 CFR 63.10 and 63.468. All records and reports, including data, calculations and any supporting documentation shall be prepared in a format which is acceptable to the AQMD.
4. The operator shall file application(s) and be granted approval by the AQMD prior to the installation/modification of equipment to comply with this NESHAP or implementing equivalent methods of control as allowed by 40 CFR 63.469.
5. The operator shall submit all reports, notifications, plans, submittals and other communications required by Subpart T or Subpart A to the AQMD and, unless notified to the contrary by AQMD or US EPA, to US EPA Region IX. (See Sections E and K of this permit for addresses.)

FACILITY PERMIT TO OPERATE DUCOMMUN AEROSTRUCTURES INC

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 DUCOMMUN AEROSTRUCTURES INC

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 DUCOMMUN AEROSTRUCTURES INC

SECTION K: TITLE V Administration

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)]

FACILITY PERMIT TO OPERATE DUCOMMUN AEROSTRUCTURES INC

SECTION K: TITLE V Administration

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)]

FACILITY PERMIT TO OPERATE DUCOMMUN AEROSTRUCTURES INC

SECTION K: TITLE V Administration EMERGENCY PROVISIONS

17. An emergency¹ 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]

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 DUCOMMUN AEROSTRUCTURES INC

SECTION K: TITLE V Administration 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 DUCOMMUN AEROSTRUCTURES INC

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 DUCOMMUN AEROSTRUCTURES INC

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 DUCOMMUN AEROSTRUCTURES INC

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	Federally enforceable
RULE 1113	6-3-2011	Non federally enforceable
RULE 1113	7-13-2007	Federally enforceable
RULE 1122	10-1-2004	Federally enforceable
RULE 1122	5-1-2009	Non federally enforceable
RULE 1124	9-21-2001	Federally enforceable
RULE 1140	2-1-1980	Federally enforceable
RULE 1140	8-2-1985	Non federally enforceable
RULE 1146.2	5-5-2006	Federally enforceable
RULE 1147	9-9-2011	Non federally enforceable
RULE 1155	12-4-2009	Non federally enforceable
RULE 1162	11-17-2000	Federally enforceable
RULE 1162	7-8-2005	Non federally enforceable
RULE 1168	1-7-2005	Federally enforceable
RULE 1171	2-1-2008	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

FACILITY PERMIT TO OPERATE DUCOMMUN AEROSTRUCTURES INC

SECTION K: TITLE V Administration

RULE SOURCE	Adopted/Amended Date	FEDERAL Enforceability
RULE 1401	12-7-1990	Non federally enforceable
RULE 1401	3-4-2005	Non federally enforceable
RULE 1401	3-7-2008	Non federally enforceable
RULE 1401	5-2-2003	Non federally enforceable
RULE 1401	6-5-2009	Non federally enforceable
RULE 1415	12-3-2010	Non federally enforceable
RULE 1469	12-5-2008	Non federally enforceable
RULE 1469.1	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
RULE 3002	11-5-2010	Non federally enforceable
RULE 3003	11-14-1997	Federally enforceable
RULE 3003	11-5-2010	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	11-5-2010	Non federally enforceable
RULE 3007	10-8-1993	Federally enforceable
RULE 304	6-1-2012	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 407	4-2-1982	Federally enforceable
RULE 408	5-7-1976	Federally enforceable
RULE 409	8-7-1981	Federally enforceable
RULE 430	7-12-1996	Non federally enforceable
RULE 442	12-15-2000	Federally enforceable

FACILITY PERMIT TO OPERATE DUCOMMUN AEROSTRUCTURES INC

SECTION K: TITLE V Administration

RULE SOURCE	Adopted/Amended Date	FEDERAL Enforceability
RULE 481	1-11-2002	Federally enforceable
RULE 701	6-13-1997	Federally enforceable
40CFR 63 Subpart GG	12-8-2000	Federally enforceable
40CFR 63 Subpart GG	4-20-2006	Federally enforceable
40CFR 63 Subpart T	12-8-2000	Federally enforceable
40CFR 63 Subpart T, #31	6-5-1995	Federally enforceable
40CFR 82 Subpart F	5-14-1993	Federally enforceable

**FACILITY PERMIT TO OPERATE
DUCOMMUN AEROSTRUCTURES INC**

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

NONE

FACILITY PERMIT TO OPERATE DUCOMMUN AEROSTRUCTURES INC

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								
Less Water and Less Exempt Compounds								
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 DUCOMMUN AEROSTRUCTURES INC

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

VOC LIMITS								
Less Water and Less Exempt Compounds								
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 DUCOMMUN AEROSTRUCTURES INC

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 DUCOMMUN AEROSTRUCTURES INC

APPENDIX B: RULE EMISSION LIMITS [RULE 1113 06-03-2011]

- (1) Except as provided in paragraphs (c)(3), (c)(4), and designated coatings averaged under (c)(6) of Rule 1113, no person shall supply, sell, offer for sale, market, manufacture, blend, repackage, apply, store at a worksite, or solicit the application of any architectural coating within the District:
 - (A) That is listed in the Table of Standards 1 and 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; or
 - (B) That is not listed in the Table of Standards 1, and contains VOC (excluding any colorant added to tint bases) in excess of 250 grams of VOC per liter of coating (2.08 pounds per gallon), less water, less exempt compounds, until January 1, 2014, at which time the limit drops to 50 grams of VOC per liter of coating, less water, less exempt compounds (0.42 pounds per gallon).
- (2) No person within the District shall add colorant at the point of sale that is listed in the Table of Standards 2 and contains VOC in excess of the corresponding VOC limit specified in the Table of Standards 2, after the effective date specified.

FACILITY PERMIT TO OPERATE DUCOMMUN AEROSTRUCTURES INC

APPENDIX B: RULE EMISSION LIMITS [RULE 1113 06-03-2011]

TABLE OF STANDARDS 1 VOC LIMITS

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

COATING CATEGORY	Ceiling Limit ¹	Current Limit ²	Effective Date		
			7/1/08	1/1/12	1/1/14
Bond Breakers		350			
Clear Wood Finishes		275			
Varnish	350	275			
Sanding Sealers	350	275			
Lacquer		275			
Concrete-Curing Compounds		100			
Concrete-Curing Compounds For Roadways and Bridges ³		350			
Concrete Surface Retarder		250			50
Driveway Sealer		100		50	
Dry-Fog Coatings		150			50
Faux Finishing Coatings					
Clear Topcoat		350		200	
Decorative Coatings		350			100
Glazes		350			
Japan		350			
Trowel Applied Coatings		350		150	50
Fire-Proofing Coatings		350			150
Flats	250	50	50		
Floor Coatings	100	50			
Form Release Compound		250			100
Graphic Arts (Sign) Coatings		500			150
Industrial Maintenance (IM) Coatings	420	100			
High Temperature IM Coatings		420			
Non-Sacrificial Anti-Graffiti Coatings		100			
Zinc-Rich IM Primers	340	100			
Magnesite Cement Coatings		450			
Mastic Coatings		300			100
Metallic Pigmented Coatings	500	500			150
Multi-Color Coatings		250			
Nonflat Coatings	150	50			
Pre-Treatment Wash Primers		420			
Primers, Sealers, and Undercoaters	200	100			
Reactive Penetrating Sealers		350			
Recycled Coatings		250			
Roof Coatings	250	50			
Roof Coatings, Aluminum		100			

FACILITY PERMIT TO OPERATE DUCOMMUN AEROSTRUCTURES INC

APPENDIX B: RULE EMISSION LIMITS [RULE 1113 06-03-2011]

Roof Primers, Bituminous	350	350		
Rust Preventative Coatings	400	100		
Stone Consolidant		450		
Sacrificial Anti-Graffiti Coatings		100		50
Shellac				
Clear		730		
Pigmented		550		
Specialty Primers	350	100		
Stains		100		

FACILITY PERMIT TO OPERATE DUCOMMUN AEROSTRUCTURES INC

APPENDIX B: RULE EMISSION LIMITS [RULE 1113 06-03-2011]

COATING CATEGORY	Ceiling Limit ¹	Current Limit ²	Effective Date		
			7/1/08	1/1/12	1/1/14
Stains, Interior	250	250			
Swimming Pool Coatings					
Repair		340			
Other		340			
Traffic Coatings		100			
Waterproofing Sealers	250	100			
Waterproofing Concrete/Masonry Sealers	400	100			
Wood Preservatives		350			

1. The specified ceiling limits are applicable to products sold under the Averaging Compliance Option.
2. The specified limits remain in effect unless revised limits are listed in subsequent columns in the Table of Standards.
3. Does not include compounds used for curbs and gutters, sidewalks, islands, driveways and other miscellaneous concrete areas.

TABLE OF STANDARDS 1 (cont.) VOC LIMITS

Grams of VOC Per Liter of Material

COATING	Limit
Low-Solids Coating	120

TABLE OF STANDARDS 2 VOC LIMITS FOR COLORANTS

Grams of VOC Per Liter of Colorant Less Water and Less Exempt Compounds

COLORANT	Limit ⁴
Architectural Coatings, excluding IM Coatings	50
Solvent-Based IM	600
Waterborne IM	50

4. Effective January 1, 2014.

FACILITY PERMIT TO OPERATE DUCOMMUN AEROSTRUCTURES INC

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 DUCOMMUN AEROSTRUCTURES INC

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 DUCOMMUN AEROSTRUCTURES INC

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	400					100		
Concrete/Masonry Sealers								
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
DUCOMMUN AEROSTRUCTURES INC**

**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 DUCOMMUN AEROSTRUCTURES INC

APPENDIX B: RULE EMISSION LIMITS [RULE 1124 09-21-2001]

Except as otherwise provided in Rule 1124

- (1) VOC Content of Aerospace Materials
 - (A) A person shall not apply to aerospace components any materials, including any VOC-containing materials added to the original material supplied by the manufacturer, which contain VOC in excess of the limits specified below:

VOC Limit			
Grams of VOC per Liter, Less Water and Less Exempt Compounds			
Primers	Current VOC Limit	VOC Limit Effective 1-1-03	VOC Limit Effective 1-1-05
General Primer	350	350	350
Low-Solids Corrosion Resistant Primer	350	350	350
Pretreatment Primer	780	780	780
Rain Erosion-Resistant Coating Compatible Primer	850	850	850
Adhesion Promoter	850	850	250
Adhesive Bonding Primer			
New Commercial Aircraft	805	250	250
All Military Aircraft	805	805	805
Remanufactured Commercial Aircraft Parts	805	805	805
Sonic and Acoustic Applications	805	805	805
Adhesive Bonding Primer			
Long Term	250	250	250
Short Term	250	250	250

FACILITY PERMIT TO OPERATE DUCOMMUN AEROSTRUCTURES INC

APPENDIX B: RULE EMISSION LIMITS [RULE 1124 09-21-2001]

Coatings	Current VOC Limit	VOC Limit Effective 3-01-02
Topcoat	420	420
Clear Topcoat	520	520
Unicoat	420	420
Wing Coating	750	750
Impact Resistant Coating	420	420
High-Temperature Coating	850	850
Antichafe Coating	600	420
Rain Erosion-Resistant Coating	800	800
Conformal Coating	750	750
Optical Anti-Reflective Coating	700	700
Scale Inhibitor	880	880
Metallized Epoxy Coating	700	700
Electric or Radiation Effect Coating	800	800
Temporary Protective Coating	250	250
Fuel Tank Coatings	420	420
Mold Release Coatings	780	780
Flight Test Coatings		
Used on Missiles or Single Use Target Craft	420	420
All Other	840	840
Fire Resistant Coatings		
Commercial	650	650
Military	970	800
Wire Coatings		
Phosphate Ester Resistant Ink	925	925
Other	420	420
Space Vehicle Coatings		
Electrostatic Discharge Protection Coating	800	800
Other	1000	1000

FACILITY PERMIT TO OPERATE DUCOMMUN AEROSTRUCTURES INC

APPENDIX B: RULE EMISSION LIMITS [RULE 1124 09-21-2001]

Adhesives	Current VOC Limit
Non-Structural Adhesive	250
Structural Adhesive	
Autoclavable	50
Non-Autoclavable	850
Space Vehicle Adhesive	800
Fuel Tank Adhesive	620

Sealants	Current VOC Limit	VOC Limit Effective 3-01-02
Fastener Sealant	675	675
Extrudable, Rollable or Brushable Sealant	600	280
Other	600	600

Maskants	Current VOC Limit
For Chemical Processing	250
For Chemical Milling	
Type I	250
Type II	160
Photolithographic	850
Touch-up, Line Sealer Maskants	750

Lubricants	Current VOC Limit
Fastener Installation	
Solid-Film Lubricant	880
Dry Lubricative Materials	675
Fastener-Lubricative Coatings, Fastener Manufacturing	
Solid Film Lubricant	250
Dry Lubricative Materials	120
Barrier Coating	420
Non-Fastener Lubricative Coatings, Fastener Manufacturing	
Solid Film Lubricant	880
Dry Lubricative Materials	675

FACILITY PERMIT TO OPERATE DUCOMMUN AEROSTRUCTURES INC

APPENDIX B: RULE EMISSION LIMITS [RULE 1124 09-21-2001]

VOC LIMIT	
Grams of VOC per Liter of Material	
Cleaning Solvents and Strippers	Current VOC Limit
Cleaning Solvents	200 g/L or 45 mm Hg VOC Composite Partial Pressure
Strippers	300 g/L or 9.5 mm Hg VOC Composite Partial Pressure

- (B) Documents shall be provided to the Executive Officer or his designee demonstrating that unicoat is being used in lieu of the application of a primer and topcoat, and the applicant must receive written approval for the use of unicoat specifying the conditions of application from the Executive Officer or his designee.
 - (C) For low-solids adhesives, coatings, primers or sealants, the appropriate limits in subparagraph (c)(1)(A) shall be expressed in grams of VOC per liter of material.
- (2) Solvent Cleaning Operations; Storage and Disposal of VOC-Containing Materials
- (A) Cleaning of material application equipment and storage of solvent laden cloth and paper shall comply with provisions of Rule 1171.
 - (B) A person shall not atomize any solvent into open air.

FACILITY PERMIT TO OPERATE DUCOMMUN AEROSTRUCTURES INC

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 DUCOMMUN AEROSTRUCTURES INC

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 DUCOMMUN AEROSTRUCTURES INC

APPENDIX B: RULE EMISSION LIMITS [RULE 1162 11-17-2000]

The operator shall not use a polyester resin material in a polyester resin operation which has a monomer content in excess of the limits specified in the Table below.

Polyester Resin Materials	Monomer Content in Polyester Resin Materials as Applied (By Weight Percent)
General Purpose Polyester Resin	35
Corrosion-Resistant	48
Fire Retardant	42
High Strength	48
Clear Gel Coat	50
Pigmented Gel Coat	45

FACILITY PERMIT TO OPERATE DUCOMMUN AEROSTRUCTURES INC

APPENDIX B: RULE EMISSION LIMITS [RULE 1162 07-08-2005]

The operator shall not use polyester resin material in an open molding system, which has a monomer content in excess of the limits specified in the following Table.

Polyester Resin Materials	Monomer Percentage by Weight as Applied	
	Prior to 11-09-2001	Current Limits
Clear Gel Coat	50	-
For Marble Resins	-	40
For Other Resins	-	44
Pigmented Gel Coat	45	-
White and Off White	-	30
Non-White	-	37
Primer	-	28
Specialty Gel Coats	-	48
General Purpose Resin	35	-
Marble Resins	-	10 or (32 % as supplied, no fillers) 17
Solid Surface Resins	-	24 or
Tub/Shower Resins	-	(35 % as supplied, no fillers)
Lamination Resins	-	31 or (35 % as supplied, no fillers) 35
Others	-	
Fire Retardant Resin	42	38
Corrosion Resistant Resin	48	48
High Strength Resin	48	40

FACILITY PERMIT TO OPERATE DUCOMMUN AEROSTRUCTURES INC

APPENDIX B: RULE EMISSION LIMITS [RULE 1168 01-07-2005]

- (1) Unless otherwise specified in paragraph (c)(2), a person shall not apply any adhesives, adhesive bonding primers, adhesive primers, or any other primer which have a VOC content in excess of 250 g/L less water and less exempt compounds.
- (2) A person shall not apply adhesives, adhesive bonding primers, adhesive primers, sealants, sealant primers, or any other primer which have a VOC content in excess of the limits specified below:

VOC Limit*, Less Water and Less Exempt Compounds in Grams per Liter

Architectural Applications	Current VOC Limit*
Indoor Carpet Adhesives	50
Carpet Pad Adhesives	50
Outdoor Carpet Adhesives	150
Wood Flooring Adhesive	100
Rubber Floor Adhesives	60
Subfloor Adhesives	50
Ceramic Tile Adhesives	65
VCT and Asphalt Tile Adhesives	50
Dry Wall and Panel Adhesives	50
Cove Base Adhesives	50
Multipurpose Construction Adhesives	70
Structural Glazing Adhesives	100
Single Ply Roof Membrane Adhesives	250

FACILITY PERMIT TO OPERATE DUCOMMUN AEROSTRUCTURES INC

APPENDIX B: RULE EMISSION LIMITS [RULE 1168 01-07-2005]

Specialty Applications	VOC Limits and Effective Dates**			
	Current VOC Limit*	1-1-05	7-1-05	1-1-07
PVC Welding	510			
CPVC Welding	490			
ABS Welding	400		325	
Plastic Cement Welding	350	250		
Adhesive Primer for Plastic	650		550	
Computer Diskette Manufacturing	350			
Contact Adhesive	80			
Special Purpose Contact Adhesive	250			
Tire Retread	100			
Adhesive Primer for Traffic Marking Tape	150			
Structural Wood Member Adhesive	140			
Sheet Applied Rubber Lining Operations	850			
Top and Trim Adhesive	540			250

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

FACILITY PERMIT TO OPERATE DUCOMMUN AEROSTRUCTURES INC

APPENDIX B: RULE EMISSION LIMITS [RULE 1168 01-07-2005]

For adhesives, adhesive bonding primers, or any other primer not regulated by the above two tables and applied to the following substrates, the following limits shall apply:

Substrate Specific Applications	Current VOC Limit*
Metal to Metal	30
Plastic Foams	50
Porous Material (except wood)	50
Wood	30
Fiberglass	80

If an adhesive is used to bond dissimilar substrates together the adhesive with the highest VOC content shall be allowed.

Sealants	Current VOC Limit*
Architectural	250
Marine Deck	760
Nonmembrane Roof	300
Roadway	250
Single-Ply Roof Membrane	450
Other	420

FACILITY PERMIT TO OPERATE DUCOMMUN AEROSTRUCTURES INC

APPENDIX B: RULE EMISSION LIMITS [RULE 1168 01-07-2005]

Sealant Primers	Current VOC Limit*
Architectural	
Non Porous	250
Porous	775
Modified Bituminous	500
Marine Deck	760
Other	750

* For low-solid adhesives or sealants the VOC limit is expressed in grams per liter of material as determined in paragraph (b)(32); for all other adhesives and sealants, VOC limits are expressed as grams of VOC per liter of adhesive or sealant less water and less exempt compounds as determined in paragraph (b)(31).

FACILITY PERMIT TO OPERATE DUCOMMUN AEROSTRUCTURES INC

APPENDIX B: RULE EMISSION LIMITS [RULE 1171 02-01-2008]

(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 1/1/2008*	EFFECTIVE 1/1/2009
SOLVENT CLEANING ACTIVITY	VOC g/l (lb/gal)	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 DUCOMMUN AEROSTRUCTURES INC

APPENDIX B: RULE EMISSION LIMITS [RULE 1171 02-01-2008]

	CURRENT LIMITS*	EFFECTIVE 1/1/2008*	EFFECTIVE 1/1/2009
SOLVENT CLEANING ACTIVITY (cont.)	VOC g/l (lb/gal)	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			
(I) Newsprint	100 (0.83)		

FACILITY PERMIT TO OPERATE DUCOMMUN AEROSTRUCTURES INC

APPENDIX B: RULE EMISSION LIMITS [RULE 1171 02-01-2008]

	CURRENT LIMITS*	EFFECTIVE 1/1/2008*	EFFECTIVE 1/1/2009
SOLVENT CLEANING ACTIVITY (cont.)	VOC g/l (lb/gal)	VOC g/l (lb/gal)	VOC g/l (lb/gal)
(II) Other Substrates	500 (4.2)	100 (0.83)	
(B) Removable Press Components	25 (0.21)		
(v) Screen Printing	500 (4.2)	100 (0.83)	
(vi) Ultraviolet Ink/ Electron Beam Ink Application Equipment (except screen printing)	650 (5.4)	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 DUCOMMUN AEROSTRUCTURES INC

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 DUCOMMUN AEROSTRUCTURES INC

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 DUCOMMUN AEROSTRUCTURES INC

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 DUCOMMUN AEROSTRUCTURES INC

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	
		Milligrams per Cubic Meter	Grains per Cubic Foot			Milligrams per Cubic Meter	Grains per Cubic Foot
Cubic meters Per Minute	Cubic feet Per Minute			Cubic meters Per Minute	Cubic feet Per Minute		
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 DUCOMMUN AEROSTRUCTURES INC

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	
		Milligrams per Cubic Meter	Grains per Cubic Foot			Milligrams per Cubic Meter	Grains per Cubic Foot
Cubic meters Per Minute	Cubic feet Per Minute			Cubic meters Per Minute	Cubic feet Per Minute		
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 DUCOMMUN AEROSTRUCTURES INC

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	
		Milligrams per Cubic Meter	Grains per Cubic Foot			Milligrams per Cubic Meter	Grains per Cubic Foot
Cubic meters Per Minute	Cubic feet Per Minute			Cubic meters Per Minute	Cubic feet Per Minute		
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 DUCOMMUN AEROSTRUCTURES INC

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
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 DUCOMMUN AEROSTRUCTURES INC

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
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