FACILITY PERMIT TO OPERATE

ROBINSON HELICOPTER CO INC
2901-31 AIRPORT DR
TORRANCE, CA 90505

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 _____ for
Mohsen Nazemi, P.E.
Deputy Executive Officer
Engineering & Compliance

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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
290557	D82794	PAINTS DRYING
294317	D85454	TANK, OTHER AQUEOUS SOLUTION
294318	D85458	TANK, OTHER AQUEOUS SOLUTION
294323	D84916	OVEN, DRYING
297028	R-D89314	ABRASIVE BLASTING CABINET
479021	F99151	SPRAY BOOTH PAINT AND SOLVENT NO.2
461233	F86451	SPRAY BOOTH PAINT AND SOLVENT NO.4
313858	R-D99109	TANK, SURFACE PREPARATION
313859	R-D99110	TANK, SURFACE PREPARATION
317172	F01116	ABRASIVE BLASTING CABINET
448521	N18903	AVGAS STORAGE & DISPENSE SYSTEM
461234	F86452	SPRAY BOOTH PAINT AND SOLVENT NO.3
431947	F72810	ABRASIVE BLASTING
431948	F72811	ABRASIVE BLASTING
431949	F72812	ABRASIVE BLASTING
432115	F72813	BAGHOUSE
437179	F73621	SPRAY BOOTH- POWDER
437180	F73640	OVEN-CURING
454420	F82293	ABRASIVE BLASTING
454421	F82291	BAGHOUSE
437239	F84117	REGENERATIVE THERMAL OXIDIZER
437240	F84118	SPRAY BOOTH PAINT AND SOLVENT
437241	F84119	OVEN-DRYING
437243	F84120	SPRAY BOOTH PAINT AND SOLVENT NO.1
437244	F84121	OVEN-DRYING
479022	G11849	ABRASIVE BLASTING
479023	G11850	DUST COLLECTOR
523886		OVEN-DRYING
523887		SPRAY BOOTH PAINT AND SOLVENT NO. 6
523888		SPRAY BOOTH PAINT AND SOLVENT NO. 7
523891		REGENERATIVE THERMAL OXIDIZER
523892		SPRAY BOOTH PAINT AND SOLVENT NO. 4
525093		SPRAY BOOTH PAINT AND SOLVENT NO.3
525094		DUST COLLECTOR
525095		ABRASIVE BLASTING
534346		REGENERATIVE THERMAL OXIDIZER
534347		OVEN-DRYING NO.1
534349		OVEN-DRYING NO. 5
534351		SPRAY BOOTH PAINT AND SOLVENT NO.2
534352		DRYING ROOM #2

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Application number	Permit to Operate number	Equipment description
542860		OVEN-DRYING
542861		SPRAY BOOTH PAINT AND SOLVENT NO. 6
542974		SPRAY BOOTH PAINT AND SOLVENT NO. 7
542862		REGENERATIVE THERMAL OXIDIZER
546546		OVEN, DRYING
547179		SPRAY BOOTH PAINT AND SOLVENT NO.5
547181		SPRAY BOOTH PAINT AND SOLVENT NO.1

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 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 SUBPARAGRAPH (A) OF THIS CONDITION. [RULE 401]

2. THE TOTAL QUANTITY OF VOLATILE ORGANIC COMPOUND (VOC) EMISSIONS FROM THIS FACILITY SHALL NOT EXCEED 98 POUNDS IN ANY ONE DAY.
   [RULE 1303(b)(2)-OFFSET]

3. THE TOTAL QUANTITY OF VOLATILE ORGANIC COMPOUND (VOC) EMISSIONS FROM THIS FACILITY EXCLUDING THE EMISSIONS FROM THE AVGAS STORAGE AND DISPENSING SYSTEM SHALL NOT EXCEED 95 POUNDS IN ANY ONE DAY.
   [RULE 1303(b)(2)-OFFSET]

4. IN ADDITION TO THE RECORDKEEPING REQUIREMENT OF RULE 109, THE OPERATOR SHALL KEEP ADEQUATE RECORDS FOR FACILITY TO VERIFY DAILY VOLATILE ORGANIC COMPOUND (VOC), EMISSIONS IN POUNDS AND THE VOC CONTENT OF EACH MATERIAL AS APPLIED (INCLUDING WATER AND EXEMPT COMPOUNDS). ALL RECORDS SHALL BE PREPARED IN A FORMAT WHICH IS ACCEPTABLE TO THE DISTRICT, SHALL BE RETAINED ON THE PREMISES FOR AT LEAST FIVE YEARS, AND SHALL BE MADE AVAILABLE UPON REQUEST OF THE EXECUTIVE OFFICER OR HIS REPRESENTATIVE.
   [RULE 109, 1303(b)(2)-OFFSET]

5. MATERIAL SAFETY DATA SHEETS FOR ALL COATING AND SOLVENTS USED AT THIS FACILITY AND SUBJECT TO DISTRICT RULES SHALL BE KEPT CURRENT AND BE MADE AVAILABLE TO DISTRICT PERSONNEL UPON REQUEST.
   [RULE 109, 1303(b)(2)-OFFSET]

FACILITY PERMIT TO OPERATE
ROBINSON HELICOPTER CO INC

PERMIT TO OPERATE

Permit No. D82794
A/N 290557

Equipment Description:

DRYING ROOM #2, BINKS, INFRA RED, 14'-0" W. X 40'-0" L. X 12'-0" H., WITH TWENTY SIX LAMPS 76 KW TOTAL, ONE ½ HP EXHAUST FAN AND 3 HP CIRCULATING 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 DRYING ROOM SHALL NOT BE OPERATED ABOVE 200 DEGREES FAHRENHEIT.
[RULE 401]

Periodic Monitoring:

4. THE OPERATOR SHALL INSTALL AND MAINTAIN A TEMPERATURE READING DEVICE TO ACCURATELY INDICATE THE TEMPERATURE OF THE DRYING ROOM. THE OPERATOR SHALL ALSO DETERMINE AND RECORD THE 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

FACILITY PERMIT TO OPERATE
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PERMIT TO OPERATE

Permit No. D85454
A/N 294317

Equipment Description:

SYSTEM FOR SURFACE CLEANING AND PREPARATION FOR PAINTING CONSISTING OF:

1. ALKALINE CLEANING TANK, BORAX SOLUTION 2'-0" W. X 4'-0" D. X 4'-0" L., 10- KW ELECTRICALLY HEATED, THERMOSTATICALLY CONTROLLED (110-130° F), WITH MECHANICAL AGITATION.

2. RINSE WATER TANK, 2'-0" W. X 4'-0" D. X 4'-0" L.

3. DEOXIDIZER TANK, 10-15% NITRIC ACID, 2'-0" W. X 4'-0" D. X 4'-0" L., 10 KW ELECTRICALLY HEATED, THERMOSTATICALLY CONTROLLED (60-100° F), WITH MECHANICAL AGITATION.

4. RINSE WATER TANK, 2'-0" W. X 4'-0" D. X 4'-0" L.

5. CHEMICAL FILM TANK, CHROMIUM SILICOFLUORIDE, 2'-0" W. X 4'-0" D. X 4'-0" L., 7.5 KW, ELECTRICALLY HEATED, THERMOSTATICALLY CONTROLLED (70-90° F), WITH MECHANICAL AGITATION.

6. RINSE WATER TANK, 2'-0" W. X 4'-0" D. X 4'-0" L.

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]

FACILITY PERMIT TO OPERATE
ROBINSON HELICOPTER CO INC

PERMIT TO OPERATE

Permit No. D85458
A/N 294318

Equipment Description:

SYSTEM FOR SURFACE CLEANING, PARTS CLEANING, AND PREPARATION FOR PAINTING CONSISTING OF:

1. TWO ALKALINE CLEANING TANK, BORAX SOLUTION EACH 3'-0" W. X 4'-0" D. X 5'-0" L., 27- KW ELECTRICALLY HEATED, THERMOSTATICALLY CONTROLLED (110-130° F), WITH MECHANICAL AGITATION.

2. RINSE WATER TANK, 3'-0" W. X 4'-4" D. X 5'-0" L.

3. DEOXIDIZER TANK, 10-15% NITRIC ACID, 3'-0" W. X 4'-4" D. X 5'-0" L., 10 KW ELECTRICALLY HEATED, THERMOSTATICALLY CONTROLLED (60-100 F), WITH MECHANICAL AGITATION.

4. RINSE WATER TANK, 3'-0" W. X 4'-4" D. X 5'-0" L.

5. CHEMICAL FILM TANK, CHROMIUM SILICOFLUORIDE, 3'-0" W. X 4'-4" D. X 5'-0" L., 10 KW, ELECTRICALLY HEATED, THERMOSTATICALLY CONTROLLED (70-90° F), WITH MECHANICAL AGITATION.

6. RINSE WATER TANK, 3'-0" W. X 4'-4" D. X 5'-0" L.

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]

FACILITY PERMIT TO OPERATE
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PERMIT TO OPERATE

Permit No. D84916
A/N 294323

Equipment Description:

DRYING OVEN, BINKS, BATCH TYPE, 10'-0" W. X 12'-4" L. X 8'-0" H., NATURAL GAS HEATED, 250,000 BTU/HR, WITH A 2,600-SCFM CIRCULATING FAN, AND A 600-SCFM EXHAUST FAN, FOR DRYING PAINTED HELICOPTER PARTS.

Conditions:

1. OPERATION OF THIS EQUIPMENT SHALL BE CONDUCTED IN ACCORDANCE WITH ALL DATA AND SPECIFICATIONS SUBMITTED WITH THE APPLICATION UNDER WHICH THIS PERMIT IS ISSUED UNLESS OTHERWISE NOTED BELOW.
[RULE 204]

2. THIS EQUIPMENT SHALL BE PROPERLY MAINTAINED AND KEPT IN GOOD OPERATING CONDITION AT ALL TIMES.
[RULE 204]

Periodic Monitoring:

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

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

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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)]

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]

Emissions And Requirements:

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

CO: 2000 PPM, 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. R-D89314
A/N 297028

Equipment Description:

ABRASIVE-BLASTING SYSTEM WITH INTEGRAL CONTROL CONSISTING OF:

1. CABINET, PAULI & GRIFFIN, MODEL NO. PRAM 31, SERIAL NO. 040-431, 6'-0" W. X 6'-0" L. X 3'-0" H.

2. NOZZLE WITH A MAXIMUM INSIDE DIAMETER OF 5/16" AND A MAXIMUM AIR PRESSURE OF 100 PSIG.

3. INTEGRAL BAGHOUSE WITH THREE CARTRIDGE TYPE FILTERS, 678 SQ.FT. TOTAL FILTER AREA, AND A 5 HP BLOWER.

Conditions:

1. OPERATION OF THIS EQUIPMENT SHALL BE CONDUCTED IN ACCORDANCE WITH ALL DATA AND SPECIFICATIONS SUBMITTED WITH THE APPLICATION UNDER WHICH THIS PERMIT IS ISSUED UNLESS OTHERWISE NOTED BELOW.
[RULE 204]

2. THIS EQUIPMENT SHALL BE PROPERLY MAINTAINED AND KEPT IN GOOD OPERATING CONDITION AT ALL TIMES.
[RULE 204]

3. THE BAGHOUSE SHALL BE OPERATED WHILE THE ABRASIVE-BLASTING EQUIPMENT IS IN OPERATION.
[RULE 1303(a)(1)-BACT]

4. DUST COLLECTED IN THE BAGHOUSE SHALL BE DISCHARGED ONLY INTO A CLOSED CONTAINER.
[RULE 1303(a)(1)-BACT]

5. A MECHANICAL GAUGE SHALL BE INSTALLED AND MAINTAINED SO AS TO INDICATE, IN INCHES WATER COLUMN, THE STATIC PRESSURE DIFFERENTIAL ACROSS THE BAGS.
[RULE 1303(a)(1)-BACT]

6. THE STATIC PRESSURE DIFFERENTIAL ACROSS THE BAGS SHALL NOT EXCEED 4 INCHES OF WATER COLUMN.
[RULE 1303(a)(1)-BACT]

Periodic Monitoring:

7. THE OPERATOR SHALL PERFORM AN ANNUAL INSPECTION OF THE EQUIPMENT AND FILTER

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MEDIA FOR LEAKS, BROKEN OR TORN FILTER MEDIA AND IMPROPERLY INSTALLED FILTER MEDIA. THE OPERATOR SHALL KEEP RECORDS, IN A MANNER APPROVED BY THE DISTRICT, FOR THE FOLLOWING PARAMETER(S) OR ITEM(S):

A. THE NAME OF THE PERSON PERFORMING THE INSPECTION AND/OR MAINTENANCE OF THE FILTER MEDIA;
B. THE DATE, TIME AND RESULTS OF THE INSPECTION; AND
C. THE DATE, TIME AND DESCRIPTION OF ANY MAINTENANCE OR REPAIRS RESULTING FROM THE INSPECTION.

[RULE 3004(a)(4)]

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

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

A. STACK OR EMISSION POINT IDENTIFICATION;

B. DESCRIPTION OF ANY CORRECTIVE ACTIONS TAKEN TO ABATE VISIBLE EMISSIONS; AND

C. DATE AND TIME VISIBLE EMISSION WAS ABATED.

[RULE 3004(a)(4)]

Emissions and Requirements:

9. 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
PM: 0 PERCENT OPACITY, RULE 1155

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ROBINSON HELICOPTER CO INC

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Permit No. F99151
A/N 479021

Equipment Description:

SPRAY BOOTH #2, BINKS MODEL NUMBER CA-642-TLO, AUTOMOTIVE TYPE, 15'-1" W. X 49'-10" L. X 13'-6" H., WITH FIRST STAGE 20" X 20" OSM FILTERS, SECOND STAGE OSM-100 FILTERS, AND THIRTY TWO THIRD-STAGE 20" X 20" P.E. CELL FILTERS BY AIR TECHNOLOGIES INC., AND ONE 7.5 H.P. EXHAUST FAN 15,700 SCFM CAPACITY.

Conditions:

1. OPERATION OF THIS EQUIPMENT SHALL BE CONDUCTED IN ACCORDANCE WITH ALL DATA AND SPECIFICATIONS SUBMITTED WITH THE APPLICATION UNDER WHICH THIS PERMIT IS ISSUED UNLESS OTHERWISE NOTED BELOW.
[RULE 204]

2. THIS EQUIPMENT SHALL BE PROPERLY MAINTAINED AND KEPT IN GOOD OPERATING CONDITION AT ALL TIMES.
[RULE 204]

3. THIS SPRAY BOOTH SHALL NOT BE OPERATED UNLESS ALL EXHAUST AIR PASSES THROUGH THREE STAGE FILTER SYSTEM.
[RULE 1303(a)(1)-BACT]

4. A GAUGE SHALL BE INSTALLED TO INDICATE IN INCHES OF WATER THE STATIC PRESSURE DIFFERENTIAL ACROSS THE THREE STAGE FILTER SYSTEM. IN OPERATION, THE PRESSURE DIFFERENTIAL SHALL NOT EXCEED 1.85 INCHES OF WATER.
[RULE 1303(a)(1)-BACT]

5. THE TOTAL QUANTITY OF VOLATILE ORGANIC COMPOUND (VOC) EMISSIONS FROM THIS EQUIPMENT SHALL NOT EXCEED 80 POUNDS IN ANY ONE DAY.
[RULE 1303(b)(2) -OFFSET]

6. MATERIALS USED IN THIS EQUIPMENT SHALL NOT CONTAIN ANY COMPOUNDS IDENTIFIED AS TOXIC AIR CONTAMINANTS IN RULE 1401, AS AMENDED MARCH 7, 2008, WITH THE EXCEPTION OF ETHYL BENZENE (CAS NO. 100-41-4), METHYL ETHYL KETONE (CAS NO. 78-93-3), TOLUENE (CAS NO. 108-88-3), XYLENE (CAS NO. 1330-20-7), AND NICKEL OXIDE (CAS NO 1313-99-1).
[RULE 1401]

7. IN ADDITION TO THE RECORDKEEPING REQUIREMENTS OF RULE 109, THE OPERATOR SHALL KEEP ADEQUATE RECORDS FOR THIS EQUIPMENT TO VERIFY DAILY VOLATILE ORGANIC COMPOUND (VOC), EMISSIONS IN POUNDS AND THE VOC CONTENT OF EACH MATERIAL AS APPLIED (INCLUDING WATER AND EXEMPT COMPOUNDS). ALL RECORDS SHALL BE PREPARED IN A FORMAT WHICH IS ACCEPTABLE TO THE DISTRICT, SHALL BE RETAINED ON THE PREMISES FOR AT LEAST FIVE YEARS, AND SHALL BE MADE AVAILABLE UPON REQUEST OF ANY DISTRICT REPRESENTATIVE.
[RULE 109, 1303(b)(2)-OFFSET]

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8. THE TOTAL QUANTITY OF COATINGS CONTAINING NICKEL OXIDE SPRAYED IN THIS EQUIPMENT SHALL NOT EXCEED 30 GALLONS IN ANY ONE CALENDAR MONTH.
[RULE 1401]

9. THE OPERATOR SHALL MAINTAIN RECORDS TO VERIFY COMPLIANCE WITH CONDITION NO. 8. THE RECORDS SHALL BE PREPARED IN A FORMAT WHICH IS ACCEPTABLE TO THE DISTRICT, SHALL BE RETAINED ON THE PREMISES FOR AT LEAST FIVE YEARS, AND SHALL BE MADE AVAILABLE UPON REQUEST OF ANY DISTRICT REPRESENTATIVE.
[RULE 1401]

Periodic Monitoring:

10. 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)]

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

Emissions And Requirements:

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

    VOC: RULE 1124, SEE APPENDIX B FOR EMISSION LIMITS
    VOC: RULE 1171, SEE APPENDIX B FOR EMISSION LIMITS
    VOC: RULE 109
    HAP: 40 CFR 63 SUBPART GG, SEE SECTION J FOR REQUIREMENTS
    PM: RULE 404, SEE APPENDIX B FOR EMISSION LIMITS
    PM: RULE 481

FACILITY PERMIT TO OPERATE
ROBINSON HELICOPTER CO INC

PERMIT TO OPERATE

Permit No. F86451
A/N 461233

Equipment Description:

SPRAY BOOTH #4, BINKS AUTOMOTIVE TYPE, MODEL NUMBER CA-533-TLO, 14'-0" W. X 42'-10" L. X 12'-0" H., WITH FIRST STAGE 20" X 20" OSM FILTERS, SECOND STAGE OSM-100 FILTERS, AND THIRTY TWO THIRD-STAGE 20" X 20" P.E. CELL FILTERS BY AIR TECHNOLOGIES INC., AND ONE 1,750,000 BTU PER HOUR NATURAL GAS FIRED HEATER, AND ONE 7.5 H.P. EXHAUST FAN 16,400 SCFM CAPACITY.

Conditions:

1. OPERATION OF THIS EQUIPMENT SHALL BE CONDUCTED IN ACCORDANCE WITH ALL DATA AND SPECIFICATIONS SUBMITTED WITH THE APPLICATION UNDER WHICH THIS PERMIT IS ISSUED UNLESS OTHERWISE NOTED BELOW.
[RULE 204]

2. THIS EQUIPMENT SHALL BE PROPERLY MAINTAINED AND KEPT IN GOOD OPERATING CONDITION AT ALL TIMES.
[RULE 204]

3. THIS SPRAY BOOTH SHALL NOT BE OPERATED UNLESS ALL EXHAUST AIR PASSES THROUGH THREE STAGE FILTER SYSTEM.
[RULE 1303(a)(1)-BACT]

4. A GAUGE SHALL BE INSTALLED TO INDICATE IN INCHES OF WATER THE STATIC PRESSURE DIFFERENTIAL ACROSS THE THREE STAGE FILTER SYSTEM. IN OPERATION, THE PRESSURE DIFFERENTIAL SHALL NOT EXCEED 1.85 INCHES OF WATER.
[RULE 1303(a)(1)-BACT]

5. THE TOTAL QUANTITY OF VOLATILE ORGANIC COMPOUND (VOC) EMISSIONS FROM THIS EQUIPMENT SHALL NOT EXCEED 80 POUNDS IN ANY ONE DAY.
[RULE 1303(b)(2)-OFFSET]

6. THE TOTAL QUANTITY OF METHYLENE CHLORIDE USED IN THIS EQUIPMENT SHALL NOT EXCEED TWO HUNDRED POUNDS IN ANY CALENDAR MONTH.
[RULE 1401]

7. MATERIALS USED IN THIS EQUIPMENT SHALL NOT CONTAIN ANY COMPOUNDS IDENTIFIED AS CARCINOGENIC AIR CONTAMINANTS IN RULE 1401 AS AMENDED DECEMBER 7, 1990, WITH EXCEPTION OF METHYLENE CHLORIDE.
[RULE 1401]

8. IN ADDITION TO THE RECORDKEEPING REQUIREMENT OF RULE 109, THE OPERATOR SHALL KEEP ADEQUATE RECORDS FOR THIS EQUIPMENT TO VERIFY DAILY VOLATILE ORGANIC COMPOUND (VOC), EMISSIONS IN POUNDS AND THE VOC CONTENT OF EACH MATERIAL AS APPLIED (INCLUDING WATER AND EXEMPT COMPOUNDS). ALL RECORDS SHALL BE PREPARED IN A FORMAT WHICH IS ACCEPTABLE TO THE DISTRICT, SHALL BE RETAINED ON

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THE PREMISES FOR AT LEAST FIVE YEARS, AND SHALL BE MADE AVAILABLE UPON REQUEST OF THE EXECUTIVE OFFICER OR HIS REPRESENTATIVE.
[RULE 109, 1303(b)(2)-OFFSET]

9. 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:

10. 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)]

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

Emissions And Requirements:

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

    VOC: RULE 1124, SEE APPENDIX B FOR EMISSION LIMITS
    VOC: RULE 1171, SEE APPENDIX B FOR EMISSION LIMITS
    VOC: RULE 109
    HAP: 40 CFR 63 SUBPART GG, SEE SECTION J FOR REQUIREMENTS
    PM: RULE 404, SEE APPENDIX B FOR EMISSION LIMITS
    PM: 0.1 gr/scf, RULE 409
    CO: 2000 PPM, RULE 407
    PM: RULE 481
    NOx: 30 PPMV, RULE 1147

FACILITY PERMIT TO OPERATE
ROBINSON HELICOPTER CO INC

PERMIT TO OPERATE

Permit No. R-D99109
A/N 313858

Equipment Description:

OPEN PROCESS TANKS CONSISTING OF:

1. ALKALINE TANK, TANK NO. 1., BRULIN 815GD AND WATER, 2'-0" W. X 4'-0" L. X 4'-0" H., 10 KW ELECTRICALLY HEATED, WITH A MECHANICAL AGITATOR.

2. RINSE TANK, TANK NO. 2, 2'-0" W. X 4'-0" L. X 4'-0" H.

3. NITAL ETCH TANK, TANK NO. 3, NITRIC ACID WATER, 55-GALLON CAPACITY.

4. RINSE TANK, NO. 4, 2'-0" W. X 4'-0" L. X 4'-0" H.

5. NITAL ETCH TANK, TANK NO. 5, HYDROCHLORIC ACID AND WATER, 55-GALLON CAPACITY.

6. RINSE TANK, NO. 6, 2'-0" W. X 4'-0" L. X 4'-0" H.

Conditions:

1. OPERATION OF THIS EQUIPMENT SHALL BE CONDUCTED IN ACCORDANCE WITH ALL DATA AND SPECIFICATIONS SUBMITTED WITH THE APPLICATION UNDER WHICH THIS PERMIT IS ISSUED UNLESS OTHERWISE NOTED BELOW.
[RULE204]

2. THIS EQUIPMENT SHALL BE PROPERLY MAINTAINED AND KEPT IN GOOD OPERATING CONDITION AT ALL TIMES.
[RULE 204]

3. THE ETCH TANKS SHALL NOT BE HEATED OR RECTIFIED.
[RULE 1303(b)(2)-OFFSET]

FACILITY PERMIT TO OPERATE
ROBINSON HELICOPTER CO INC

PERMIT TO OPERATE

Permit No. R-D99110
A/N 313859

Equipment Description:

OPEN PROCESS TANKS CONSISTING OF:

1. ALKALINE TANK, TANK NO. 1., BRULIN 815GD AND WATER 2'-0" W. X 4'-0" L. X 4'-0" H., 10 KW ELECTRICALLY HEATED, WITH A MECHANICAL AGITATOR.

2. RINSE TANK, TANK NO. 2, 2'-0" W. X 4'-0" L. X 4'-0" H.

3. PASSIVATION TANK, TANK NO. 3A, NITRIC ACID, SODIUM DICHROMATE AND WATER, 2'-0" W. X 4'-0" L. X 2'-0" H.

4. PASSIVATION TANK, TANK NO. 3B, NITRIC ACID AND WATER, 55-GALLON CAPACITY.

5. RINSE TANK, TANK NO. 4., 2'-0" W. X 4'-0" L. X 4'-0" H.

Conditions:

1. OPERATION OF THIS EQUIPMENT SHALL BE CONDUCTED IN ACCORDANCE WITH ALL DATA AND SPECIFICATIONS SUBMITTED WITH THE APPLICATION UNDER WHICH THIS PERMIT IS ISSUED UNLESS OTHERWISE NOTED BELOW.
   [RULE 204]

2. THIS EQUIPMENT SHALL BE PROPERLY MAINTAINED AND KEPT IN GOOD OPERATING CONDITION AT ALL TIMES.
   [RULE204]

3. THE ETCH TANKS SHALL NOT BE HEATED OR RECTIFIED.
   [RULE 1303(b)(2)-OFFSET]

FACILITY PERMIT TO OPERATE
ROBINSON HELICOPTER CO INC

PERMIT TO OPERATE

Permit No. F01116
A/N 317172

Equipment Description:

ABRASIVE-BLASTING SYSTEM WITH INTEGRAL CONTROL CONSISTING OF:

1. CABINET, PAULI & GRIFFIN, MODEL NO. PRAM 31, SERIAL NO. 208, 5'-0" W. X 3'-0" L. X 4'-0" H.

2. NOZZLE WITH A MAXIMUM INSIDE DIAMETER OF 3/8" INCH AND A MAXIMUM AIR PRESSURE OF 100 PSIG.

3. INTEGRAL BAGHOUSE WITH THREE CARTRIDGE TYPE FILTERS, 450 SQ.FT. TOTAL FILTER AREA, AND A 2 HP BLOWER.

Conditions:

1. OPERATION OF THIS EQUIPMENT SHALL BE CONDUCTED IN ACCORDANCE WITH ALL DATA AND SPECIFICATIONS SUBMITTED WITH THE APPLICATION UNDER WHICH THIS PERMIT IS ISSUED UNLESS OTHERWISE NOTED BELOW.
[RULE 204]

2. THIS EQUIPMENT SHALL BE PROPERLY MAINTAINED AND KEPT IN GOOD OPERATING CONDITION AT ALL TIMES.
[RULE 204]

3. THE ABRASIVE-BLASTING EQUIPMENT SHALL NOT BE OPERATED UNLESS IT IS VENTED TO THE INTEGRAL BAGHOUSE.
[RULE 1303(a)(1)-BACT]

4. DUST COLLECTED IN THE BAGHOUSE SHALL BE DISCHARGED ONLY INTO CLOSED CONTAINERS.
[RULE 1303(a)(1)-BACT]

5. A MECHANICAL GAUGE SHALL BE INSTALLED AND MAINTAINED SO AS TO INDICATE, IN INCHES WATER COLUMN, THE STATIC PRESSURE DIFFERENTIAL ACROSS THE BAGS.
[RULE 1303(a)(1)-BACT]

6. THE STATIC PRESSURE DIFFERENTIAL ACROSS THE BAGS SHALL NOT EXCEED 4 INCHES OF WATER COLUMN.
[RULE 1303(a)(1)-BACT]

Periodic Monitoring:

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

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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)]

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

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

A. STACK OR EMISSION POINT IDENTIFICATION;

B. DESCRIPTION OF ANY CORRECTIVE ACTIONS TAKEN TO ABATE VISIBLE EMISSIONS; AND

C. DATE AND TIME VISIBLE EMISSION WAS ABATED.

[RULE 3004(a)(4)]

Emissions and Requirements:

9. 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
PM: 0 PERCENT OPACITY, RULE 1155

FACILITY PERMIT TO OPERATE
ROBINSON HELICOPTER CO INC

PERMIT TO OPERATE

Permit No. N18903
A/N 448521

Equipment Description:

FUEL STORAGE AND DISPENSING FACILITY CONSISTING OF:

1. 1-AVGAS UNDERGROUND STORAGE TANK, 10,000-GALLON CAPACITY, EQUIPPED WITH PHASE I VAPOR RECOVERY (G-70-97-A).

2. 1-AVGAS DISPENSING NOZZLE, NOT EQUIPPED WITH PHASE II VAPOR RECOVERY SYSTEM.

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. PHASE I VAPOR RECOVERY SYSTEMS SHALL BE IN FULL OPERATION WHENEVER FUEL IS BEING TRANSFERRED INTO STORAGE TANKS.
[RULE 461]

4. ALL PHASE I VAPOR RECOVERY EQUIPMENT AT THIS FACILITY SHALL BE INSTALLED, OPERATED AND MAINTAINED TO MEET ALL CALIFORNIA AIR RESOURCES BOARD CERTIFICATION REQUIREMENTS.
[RULE 461]

5. ALL RECORDS THAT ARE REQUIRED TO BE MAINTAINED BY RULE 461 SHALL BE KEPT ON SITE FOR FIVE YEARS AND MADE AVAILABLE TO DISTRICT REPRESENTATIVES UPON REQUEST.
[RULE 461]

6. THE MAXIMUM QUANTITY OF AVGAS DISPENSED FROM THE STORAGE TANKS AT THIS FACILITY SHALL NOT EXCEED 9,000 GALLONS IN ANY ONE CALENDAR MONTH.
[RULE 1303(b)(2)-OFFSET]

7. RECORDS OF MONTHLY AND ANNUAL FUEL RECEIVED SHALL BE PREPARED, SHALL BE RETAINED FOR FIVE YEARS, AND SHALL BE MADE AVAILABLE TO DISTRICT REPRESENTATIVES UPON REQUEST.
[RULE 1303(b)(2)-OFFSET]

FACILITY PERMIT TO OPERATE
ROBINSON HELICOPTER CO INC

Periodic Monitoring:

8. THE OPERATOR SHALL HAVE A PERSON THAT HAS BEEN TRAINED IN ACCORDANCE WITH RULE 461(d) CONDUCT AN ANNUAL INSPECTION OF THE PHASE I VAPOR RECOVERY SYSTEM IN ACCORDANCE WITH RULE 461, ATTACHMENT C. THE OPERATOR SHALL KEEP RECORDS OF THE INSPECTION AND THE REPAIRS IN ACCORDANCE TO RULE 461 AND SECTION K OF THIS PERMIT.
[RULE 3004(a)(4)]

Emissions And Requirements:

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

VOC: RULE 461

FACILITY PERMIT TO OPERATE
ROBINSON HELICOPTER CO INC

PERMIT TO OPERATE

Permit No. F86452
A/N 461234

Equipment Description:

SPRAY BOOTH #3, BINKS MODEL NUMBER CWE-16-THL, FLOOR TYPE, 16'-0" W. X 12'-7" L. X 7'-10" H., WITH A CONVEYOR, 48-KW DRYING OVEN, 3-STAGE DRY FILTERS BY AIR TECHNOLOGIES INC., AND ONE 7.5 HP EXHAUST BLOWER, 17000 SCFM.

Conditions:

1. OPERATION OF THIS EQUIPMENT SHALL BE CONDUCTED IN ACCORDANCE WITH ALL DATA AND SPECIFICATIONS SUBMITTED WITH THE APPLICATION UNDER WHICH THIS PERMIT IS ISSUED UNLESS OTHERWISE NOTED BELOW.
[RULE 204]

2. THIS EQUIPMENT SHALL BE PROPERLY MAINTAINED AND KEPT IN GOOD OPERATING CONDITION AT ALL TIMES.
[RULE 204]

3. THIS SPRAY BOOTH SHALL NOT BE OPERATED UNLESS ALL EXHAUST AIR PASSES THROUGH 3-STAGE DRY FILTER SYSTEM.
[RULE 1303(a)(1)-BACT]

4. A GAUGE SHALL BE INSTALLED TO INDICATE, IN INCHES OF WATER, THE STATIC PRESSURE DIFFERENTIAL ACROSS THE THREE STAGE FILTER SYSTEM WHICH SHALL NOT EXCEED 1.85 INCHES OF WATER WHEN THE SPRAY BOOTH IS IN OPERATION.
[RULE 1303(a)(1)-BACT]

5. THE TOTAL QUANTITY OF VOLATILE ORGANIC COMPOUND (VOC) EMISSIONS FROM THIS EQUIPMENT SHALL NOT EXCEED 80 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, AS AMENDED DECEMBER 7, 1990.
[RULE 1401]

7. IN ADDITION TO THE RECORDKEEPING REQUIREMENT OF RULE 109, THE OPERATOR SHALL KEEP ADEQUATE RECORDS FOR THIS EQUIPMENT TO VERIFY DAILY VOLATILE ORGANIC COMPOUND (VOC), EMISSIONS IN POUNDS AND THE VOC CONTENT OF EACH MATERIAL AS APPLIED (INCLUDING WATER AND EXEMPT COMPOUNDS). ALL RECORDS SHALL BE PREPARED IN A FORMAT WHICH IS ACCEPTABLE TO THE DISTRICT, SHALL BE RETAINED ON THE PREMISES FOR AT LEAST FIVE YEARS, AND SHALL BE MADE AVAILABLE UPON REQUEST OF THE EXECUTIVE OFFICER OR HIS REPRESENTATIVE.
[RULE 109, 1303(b)(2)-OFFSET]

FACILITY PERMIT TO OPERATE
ROBINSON HELICOPTER CO 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 FILTER 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 1124, SEE APPENDIX B FOR EMISSION LIMITS
    VOC: RULE 1171, SEE APPENDIX B FOR EMISSION LIMITS
    VOC: RULE 109
    HAP: 40 CFR 63 SUBPART GG, SEE SECTION J FOR REQUIREMENTS
    PM: RULE 404, SEE APPENDIX B FOR EMISSION LIMITS
    PM: RULE 481

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PERMIT TO OPERATE

Permit No. F72810
A/N 431947

Equipment Description:

ABRASIVE-BLASTING SYSTEM CONSISTING OF:

1. CABINET, EMPIRE, MODEL NO. 6060, 5'-1" W. X 5'-0" L. X 3'-8" H.

2. NOZZLE WITH A MAXIMUM INSIDE DIAMETER OF 1/4" INCH AND A MAXIMUM AIR PRESSURE OF 100 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 A BAGHOUSE WHICH HAS BEEN ISSUED A VALID PERMIT TO CONSTRUCT/OPERATE BY THE DISTRICT.
[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

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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 OBSERVATIONS RECORDED BY A CERTIFIED SMOKE READER.

[RULE 3004 (a)(4)]

Emissions and Requirements:

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

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

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ROBINSON HELICOPTER CO INC

PERMIT TO OPERATE

Permit No. F72811
A/N 431948

Equipment Description:

ABRASIVE-BLASTING SYSTEM CONSISTING OF:

1. CABINET, EMPIRE, MODEL NO. 4652, 4'-4" W. X 3'-10" L. X 4'-0" H.

2. NOZZLE WITH A MAXIMUM INSIDE DIAMETER OF 5/16 INCH AND A MAXIMUM AIR PRESSURE OF 100 PSIG.

3. INTEGRAL BAGHOUSE WITH TWO CARTRIDGE TYPE FILTERS, 206 SQ. FT. TOTAL FILTER AREA, AND A 1 1/2 HP BLOWER.

Conditions:

1. OPERATION OF THIS EQUIPMENT SHALL BE CONDUCTED IN ACCORDANCE WITH ALL DATA AND SPECIFICATIONS SUBMITTED WITH THE APPLICATION UNDER WHICH THIS PERMIT IS ISSUED UNLESS OTHERWISE NOTED BELOW.
[RULE 204]

2. THIS EQUIPMENT SHALL BE PROPERLY MAINTAINED AND KEPT IN GOOD OPERATING CONDITION AT ALL TIMES.
[RULE 204]

3. THE ABRASIVE-BLASTING EQUIPMENT SHALL NOT BE OPERATED UNLESS IT IS VENTED TO THE INTEGRAL BAGHOUSE.
[RULE 1303(a)(1)-BACT]

4. DUST COLLECTED IN THE BAGHOUSE SHALL BE DISCHARGED ONLY INTO CLOSED CONTAINERS.
[RULE 1303(a)(1)-BACT]

5. A MECHANICAL GAUGE SHALL BE INSTALLED AND MAINTAINED SO AS TO INDICATE, IN INCHES WATER COLUMN, THE STATIC PRESSURE DIFFERENTIAL ACROSS THE BAGS.
[RULE 1303(a)(1)-BACT]

6. THE STATIC PRESSURE DIFFERENTIAL ACROSS THE BAGS SHALL NOT EXCEED 4 INCHES OF WATER COLUMN.
[RULE 1303(a)(1)-BACT]

Periodic Monitoring:

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

FACILITY PERMIT TO OPERATE
ROBINSON HELICOPTER CO INC

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)]

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

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

A. STACK OR EMISSION POINT IDENTIFICATION;

B. DESCRIPTION OF ANY CORRECTIVE ACTIONS TAKEN TO ABATE VISIBLE EMISSIONS; AND

C. DATE AND TIME VISIBLE EMISSION WAS ABATED.

[RULE 3004(a)(4)]

Emissions and Requirements:

9. 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
PM: 0 PERCENT OPACITY, RULE 1155

FACILITY PERMIT TO OPERATE
ROBINSON HELICOPTER CO INC

PERMIT TO OPERATE

Permit No. F72812
A/N 431949

Equipment Description:

ABRASIVE-BLASTING SYSTEM CONSISTING OF:

1. CABINET, EMPIRE, MODEL NO. 4652, 4'-4" W. X 3'-10" L. X 4'-0" H.

2. NOZZLE WITH A MAXIMUM INSIDE DIAMETER OF 5/16 INCH AND A MAXIMUM AIR PRESSURE OF 100 PSIG.

3. INTEGRAL BAGHOUSE WITH TWO CARTRIDGE TYPE FILTERS, 206 SQ.FT. TOTAL FILTER AREA, AND A 1 1/2 HP BLOWER.

Conditions:

1. OPERATION OF THIS EQUIPMENT SHALL BE CONDUCTED IN ACCORDANCE WITH ALL DATA AND SPECIFICATIONS SUBMITTED WITH THE APPLICATION UNDER WHICH THIS PERMIT IS ISSUED UNLESS OTHERWISE NOTED BELOW.
[RULE 204]

2. THIS EQUIPMENT SHALL BE PROPERLY MAINTAINED AND KEPT IN GOOD OPERATING CONDITION AT ALL TIMES.
[RULE 204]

3. THE ABRASIVE-BLASTING EQUIPMENT SHALL NOT BE OPERATED UNLESS IT IS VENTED TO THE INTEGRAL BAGHOUSE.
[RULE 1303(a)(1)-BACT]

4. DUST COLLECTED IN THE BAGHOUSE SHALL BE DISCHARGED ONLY INTO CLOSED CONTAINERS.
[RULE 1303(a)(1)-BACT]

5. A MECHANICAL GAUGE SHALL BE INSTALLED AND MAINTAINED SO AS TO INDICATE, IN INCHES WATER COLUMN, THE STATIC PRESSURE DIFFERENTIAL ACROSS THE BAGS.
[RULE 1303(a)(1)-BACT]

6. THE STATIC PRESSURE DIFFERENTIAL ACROSS THE BAGS SHALL NOT EXCEED 4 INCHES OF WATER COLUMN.
[RULE 1303(a)(1)-BACT]

Periodic Monitoring:

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

FACILITY PERMIT TO OPERATE
ROBINSON HELICOPTER CO INC

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)]

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

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

A. STACK OR EMISSION POINT IDENTIFICATION;

B. DESCRIPTION OF ANY CORRECTIVE ACTIONS TAKEN TO ABATE VISIBLE EMISSIONS; AND

C. DATE AND TIME VISIBLE EMISSION WAS ABATED.

[RULE 3004(a)(4)]

Emissions and Requirements:

9. 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
PM: 0 PERCENT OPACITY, RULE 1155

FACILITY PERMIT TO OPERATE
ROBINSON HELICOPTER CO INC

PERMIT TO OPERATE

Permit No. F72813
A/N 432115

Equipment Description:

AIR POLLUTION CONTROL SYSTEM CONSISTING OF:

1. BAGHOUSE, EMPIRE, MODEL CDC9, WITH TWO CARTRIDGE FILTERS, 452 SQ. FT. FILTER AREA TOTAL, AND PULSE JET CLEANING.

2. EXHAUST SYSTEM WITH 2 HP BLOWER VENTING AN ABRASIVE BLASTING SYSTEM.

Conditions:

1. OPERATION OF THIS EQUIPMENT SHALL BE CONDUCTED IN ACCORDANCE WITH ALL DATA AND SPECIFICATIONS SUBMITTED WITH THE APPLICATION UNDER WHICH THIS PERMIT IS ISSUED UNLESS OTHERWISE NOTED BELOW.
[RULE 204]

2. THIS EQUIPMENT SHALL BE PROPERLY MAINTAINED AND KEPT IN GOOD OPERATING CONDITION AT ALL TIMES.
[RULE 204]

3. DUST COLLECTED IN THE BAGHOUSE SHALL BE DISCHARGED ONLY INTO CLOSED CONTAINERS.
[RULE 1303(a)(1)-BACT]

4. A GAUGE SHALL BE INSTALLED AND MAINTAINED TO INDICATE, IN INCHES WATER COLUMN, THE STATIC PRESSURE DIFFERENTIAL ACROSS THE FILTERS.
[RULE 1303(a)(1)-BACT]

5. THE STATIC PRESSURE DIFFERENTIAL ACROSS THE FILTERS SHALL NOT EXCEED 4 INCHES OF WATER COLUMN.
[RULE 1303(a)(1)-BACT]

Periodic Monitoring:

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

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

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

   A. STACK OR EMISSION POINT IDENTIFICATION;

   B. DESCRIPTION OF ANY CORRECTIVE ACTIONS TAKEN TO ABATE VISIBLE EMISSIONS; AND

   C. DATE AND TIME VISIBLE EMISSION WAS ABATED.

   [RULE 3004(a)(4)]

Emissions and Requirements:

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

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

FACILITY PERMIT TO OPERATE
ROBINSON HELICOPTER CO INC

PERMIT TO CONSTRUCT/OPERATE

Permit No. F73621
A/N 437179

Equipment Description:

POWDER SPRAY BOOTH, NORDSON, MODEL NUMBER RCM8000, 5'-0" W. X 9'-0" L. X 7'-0" H., WITH TEN 13" DIA. X 36" L. CARTRIDGE FIRST STAGE EXHAUST FILTER, EIGHT 18" X 22" X 12" SECOND STAGE EXHAUST FILTERS AND ONE 10-HP EXHAUST FAN.

Conditions:

1. OPERATION OF THIS EQUIPMENT SHALL BE CONDUCTED IN ACCORDANCE WITH ALL DATA AND SPECIFICATIONS SUBMITTED WITH THE APPLICATION UNDER WHICH THIS PERMIT IS ISSUED UNLESS OTHERWISE NOTED BELOW.
[RULE 204]

2. THIS EQUIPMENT SHALL BE PROPERLY MAINTAINED AND KEPT IN GOOD OPERATING CONDITION AT ALL TIMES.
[RULE 204]

3. THIS SPRAY BOOTH SHALL NOT BE OPERATED UNLESS ALL EXHAUST AIR PASSES THROUGH CARTRIDGE FILTER MEDIA AND DRY FILTER MEDIA.
[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 3 INCHES OF WATER ACROSS THE SECOND STAGE.
[RULE 1303(a)(1)-BACT]

5. THE TOTAL QUANTITY OF POWDER COATINGS USED IN THIS EQUIPMENT SHALL NOT EXCEED 100 POUNDS IN ANY ONE DAY.
[RULE 1303(b)(2)-OFFSET]

6. DUST COLLECTED IN THIS EQUIPMENT SHALL BE DISCHARGED ONLY INTO CLOSED CONTAINERS.
[RULE 1303(a)(1)-BACT]

7. CLEAN-UP MATERIALS ASSOCIATED WITH THIS EQUIPMENT SHALL CONTAIN NO VOC.
[RULE 1303(b)(2)-OFFSET]

8. IN ADDITION TO RECORDKEEPING REQUIREMENTS OF RULE 109, THE OPERATOR SHALL KEEP ADEQUATE RECORDS FOR THIS EQUIPMENT TO VERIFY THE FOLLOWING:

   A. POWDER COATING USAGE IN POUNDS.

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B. THE VOC EMISSIONS FROM THE USE OF POWDER COATING SHALL BE CALCULATED USING ONE OF THE FOLLOWING:

1. THE VOC CONTENT DETERMINED PURSUANT TO AQMD METHOD 316C OR

2. THE VOC CONTENT ON THE MATERIAL SAFETY DATA SHEET (MSDS) BUT NOT LESS THAN 0.01 POUND OF VOC PER POUND OF POWDER COATING APPLIED, OR

3. THE DEFAULT EMISSION FACTOR OF 0.01 POUND OF VOC PER POUND OF POWDER COATING APPLIED WHEN MSDS DOES NOT SPECIFY THE VOC CONTENT OR INDICATES THAT THE VOC CONTENT IS ZERO.

C. DAILY VOC EMISSIONS IN POUNDS.

ALL RECORDS SHALL BE PREPARED IN A FORMAT WHICH IS ACCEPTABLE TO THE DISTRICT AND MAINTAINED FOR FIVE YEARS.
[RULE 109, 1303(b)(2)-OFFSET]

9. MATERIALS USED IN THIS EQUIPMENT SHALL NOT CONTAIN ANY COMPOUNDS IDENTIFIED AS CARCINOGENIC AIR CONTAMINANTS IN RULE 1401, TABLE 1, AS AMENDED MAY 2, 2003 OR EARLIER.
[RULE 1401]

Periodic Monitoring:

10. 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)]

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

Emissions And Requirements:

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

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VOC: RULE 1124, SEE APPENDIX B FOR EMISSION LIMITS
VOC: RULE 1171, SEE APPENDIX B FOR EMISSION LIMITS
VOC: RULE 109
HAP: 40 CFR 63 SUBPART GG, SEE SECTION J FOR REQUIREMENTS
PM: RULE 404, SEE APPENDIX B FOR EMISSION LIMITS
PM: RULE 405, SEE APPENDIX B FOR EMISSION LIMITS
PM: RULE 481

FACILITY PERMIT TO OPERATE
ROBINSON HELICOPTER CO INC

PERMIT TO CONSTRUCT/OPERATE

Permit No. F73640
A/N 437180

Equipment Description:

CURING OVEN, WISCONSIN, MODEL NO. EWN-4-10231, 14'-11" W. X 16'-5" L. X 11'-8" H., NATURAL GAS FIRED, WITH ONE 1,200,000 BTU/HR ECLIPSE WINNOX 100 LOW NOx BURNER AND ONE 1-HP EXHAUST FAN.

Conditions:

1. OPERATION OF THIS EQUIPMENT SHALL BE CONDUCTED IN ACCORDANCE WITH ALL DATA AND SPECIFICATIONS SUBMITTED WITH THE APPLICATION UNDER WHICH THIS PERMIT IS ISSUED UNLESS OTHERWISE NOTED BELOW.
[RULE 204]

2. THIS EQUIPMENT SHALL BE PROPERLY MAINTAINED AND KEPT IN GOOD OPERATING CONDITION AT ALL TIMES.
[RULE 204]

3. THIS OVEN SHALL NOT BE OPERATED ABOVE 500 DEGREES FAHRENHEIT.
[RULE 401]

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

5. 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:

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

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

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

CO: 2000 PPM, 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
ROBINSON HELICOPTER CO INC

PERMIT TO CONSTRUCT/OPERATE

Permit No. F82293
A/N 454420

Equipment Description:

ABRASIVE-BLASTING SYSTEM CONSISTING OF:

1. CABINET, EMPIRE, MODEL NO. 7272, 6'-2" W. X 6'-3" L. X 7'-5" H.

2. NOZZLE WITH A MAXIMUM INSIDE DIAMETER OF 5/16" INCH AND A MAXIMUM AIR PRESSURE OF 100 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 A BAGHOUSE WHICH HAS BEEN ISSUED A VALID PERMIT TO CONSTRUCT/OPERATE BY THE DISTRICT.
[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

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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:

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

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

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PERMIT TO CONSTRUCT/OPERATE

Permit No. F82291
A/N 454421

Equipment Description:

AIR POLLUTION CONTROL SYSTEM CONSISTING OF:

1. BAGHOUSE, EMPIRE, MODEL CDC12, WITH TWO CARTRIDGE FILTERS, 452 SQ. FT. FILTER AREA TOTAL, AND PULSE JET CLEANING.

2. EXHAUST SYSTEM WITH 2 HP BLOWER VENTING AN ABRASIVE BLASTING SYSTEM.

Conditions:

1. OPERATION OF THIS EQUIPMENT SHALL BE CONDUCTED IN ACCORDANCE WITH ALL DATA AND SPECIFICATIONS SUBMITTED WITH THE APPLICATION UNDER WHICH THIS PERMIT IS ISSUED UNLESS OTHERWISE NOTED BELOW.
[RULE 204]

2. THIS EQUIPMENT SHALL BE PROPERLY MAINTAINED AND KEPT IN GOOD OPERATING CONDITION AT ALL TIMES.
[RULE 204]

3. DUST COLLECTED IN THE BAGHOUSE SHALL BE DISCHARGED ONLY INTO CLOSED CONTAINERS.
[RULE 1303(a)(1)-BACT]

4. A GAUGE SHALL BE INSTALLED AND MAINTAINED TO INDICATE, IN INCHES WATER COLUMN, THE STATIC PRESSURE DIFFERENTIAL ACROSS THE FILTERS.
[RULE 1303(a)(1)-BACT]

5. THE STATIC PRESSURE DIFFERENTIAL ACROSS THE FILTERS SHALL NOT EXCEED 4 INCHES OF WATER COLUMN.
[RULE 1303(a)(1)-BACT]

Periodic Monitoring:

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

   [RULE 3004(a)(4)]

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

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

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

   [RULE 3004 (a)(4)]

Emissions and Requirements:

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

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

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PERMIT TO OPERATE

Permit No. F84117
A/N 437239

Equipment Description:

AIR POLLUTION CONTROL SYSTEM CONSISTING OF

1. THERMAL OXIDIZER, REGENERATIVE TYPE, ADWEST TECHNOLOGIES, MODEL RETOX 12, 24'-6" L. X 15'-11" W. X 10'-5" H., 12,000 SCFM CAPACITY WITH A 3.43 MMBTU PER HOUR BURNER, A 1.8 MMBTU PER HOUR GAS INJECTION SYSTEM, 2 CERAMIC BEDS, A 7 ½ HP COMBUSTION BLOWER, AND A COIL MEDIA HEAT EXCHANGER.

2. EXHAUST SYSTEM WITH ONE 27 HP FAN VENTING TWO SPRAY BOOTHS AND TWO DRYING OVENS, ALL OPERATING AS PERMANENT TOTAL ENCLOSURES

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

4. THE OPERATOR SHALL OPERATE AND MAINTAIN THIS EQUIPMENT ACCORDING TO THE FOLLOWING REQUIREMENTS:

   THE COMBUSTION CHAMBER TEMPERATURE SHALL BE MAINTAINED AT A MINIMUM OF 1,500 DEGREES FAHRENHEIT WHENEVER THE EQUIPMENT IT SERVES IS IN OPERATION.

   THE OPERATOR SHALL OPERATE AND MAINTAIN A TEMPERATURE MEASURING AND RECORDING SYSTEM TO CONTINUOUSLY MEASURE AND RECORD THE COMBUSTION CHAMBER TEMPERATURE PURSUANT TO THE OPERATION AND MAINTENANCE REQUIREMENTS SPECIFIED IN 40 CFR PART 64.7. SUCH A SYSTEM SHALL HAVE AN ACCURACY OF WITHIN 1% OF THE TEMPERATURE BEING MONITORED AND SHALL BE INSPECTED, MAINTAINED, AND CALIBRATED ON AN ANNUAL BASIS IN ACCORDANCE WITH THE MANUFACTURER'S SPECIFICATIONS.

   FOR THE PURPOSE OF THIS CONDITION, A DEVIATION SHALL BE DEFINED AS WHEN A COMBUSTION CHAMBER TEMPERATURE OF LESS THAN 1,500 DEGREES FAHRENHEIT OCCURS DURING NORMAL OPERATION OF THE EQUIPMENT IT SERVES. THE OPERATOR SHALL REVIEW

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THE RECORDS OF THE COMBUSTION CHAMBER TEMPERATURE ON A DAILY BASIS TO DETERMINE IF A DEVIATION OCCURS OR SHALL INSTALL AN ALARM SYSTEM TO ALERT THE OPERATOR WHEN A DEVIATION OCCURS.

WHENEVER A DEVIATION OCCURS, THE OPERATOR SHALL INSPECT THIS EQUIPMENT TO IDENTIFY THE CAUSE OF SUCH A DEVIATION, TAKE IMMEDIATE CORRECTIVE ACTION TO MAINTAIN THE COMBUSTION CHAMBER TEMPERATURE AT OR ABOVE 1,500 DEGREES FAHRENHEIT, AND KEEP RECORDS OF THE DURATION AND CAUSE (INCLUDING UNKNOWN CAUSE, IF APPLICABLE) OF THE DEVIATION AND THE CORRECTIVE ACTION TAKEN.

ALL DEVIATIONS SHALL BE REPORTED TO THE AQMD PURSUANT TO THE REQUIREMENTS SPECIFIED IN 40 CFR PART 64.9 AND CONDITION NOS. 22 AND 23 IN SECTION K OF THIS PERMIT. THE REPORT SHALL INCLUDE THE TOTAL OPERATING TIME OF THIS EQUIPMENT AND THE TOTAL ACCUMULATED DURATION OF ALL DEVIATIONS FOR EACH SEMI-ANNUAL REPORTING PERIOD SPECIFIED IN CONDITION NO. 23 IN SECTION K OF THIS PERMIT.

THE OPERATOR SHALL SUBMIT AN APPLICATION WITH A QUALITY IMPROVEMENT PLAN (QIP) IN ACCORDANCE WITH 40 CFR PART 64.8 TO THE AQMD IF AN ACCUMULATION OF DEVIATIONS EXCEEDS 5 PERCENT DURATION OF THIS EQUIPMENT'S TOTAL OPERATING TIME FOR ANY SEMI-ANNUAL REPORTING PERIOD SPECIFIED IN CONDITION NO. 23 IN SECTION K OF THIS PERMIT. THE REQUIRED QIP SHALL BE SUBMITTED TO THE AQMD WITHIN 90 CALENDAR DAYS AFTER THE DUE DATE FOR THE SEMI-ANNUAL MONITORING REPORT.

THE OPERATOR SHALL INSPECT AND MAINTAIN ALL COMPONENTS OF THIS EQUIPMENT ON AN ANNUAL BASIS IN ACCORDANCE WITH THE MANUFACTURER'S SPECIFICATIONS.

THE OPERATOR SHALL KEEP ADEQUATE RECORDS IN A FORMAT THAT IS ACCEPTABLE TO THE AQMD TO DEMONSTRATE COMPLIANCE WITH ALL APPLICABLE REQUIREMENTS SPECIFIED IN THIS CONDITION AND 40 CFR PART 64.9 FOR A MINIMUM OF FIVE YEARS.
[RULE 1303(a)(1)-BACT, RULE 3004(a)(4)-PERIODIC MONITORING, 40CFR Part 64]

5. THE TEMPERATURE INDICATOR AND A DATA RECORDER SHALL BE IN OPERATION WHENEVER THE EQUIPMENT IT SERVES IS IN OPERATION.
[RULE 1303(a)(1)-BACT]

6. THE TEMPERATURE INDICATOR SHALL BE PROPERLY CALIBRATED AND MAINTAINED IN GOOD OPERATING CONDITION.
[RULE 1303(a)(1)-BACT]

7. ALL ACCESS DOORS TO THE PERMANENT TOTAL ENCLOSURES SHALL BE KEPT CLOSED DURING NORMAL OPERATIONS.
[RULE 1303(a)(1)-BACT]

8. THE OPERATOR SHALL OPERATE AND MAINTAIN THIS EQUIPMENT TO ACHIEVE DESTRUCTION EFFICIENCY OF AT LEAST 95 % BY WEIGHT WHENEVER THE EQUIPMENT IT SERVES IS IN OPERATION.
[RULE 1303(a)(1)-BACT, 1303(b)(2)-OFFSET]

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9. THE OPERATOR SHALL OPERATE AND MAINTAIN THIS EQUIPMENT TO ACHIEVE AN OVERALL CONTROL EFFICIENCY OF AT LEAST 95 %.
[RULE 1303(a)(1)-BACT, 1303(b)(2)-OFFSET]

10. 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:

11. THE OPERATOR SHALL CONDUCT SOURCE TEST(S) IN ACCORDANCE WITH THE FOLLOWING SPECIFICATIONS:
    A. THE TEST SHALL BE CONDUCTED AT LEAST ONCE DURING THE LIFE OF THE PERMIT.
    B. THE TEST SHALL BE CONDUCTED NO LATER THAN FEBRUARY 4, 2016 UNLESS OTHERWISE APPROVED IN WRITING BY THE DISTRICT.
    C. THE TEST SHALL BE CONDUCTED TO DETERMINE THE VOC EMISSIONS USING AN APPROVED DISTRICT METHOD TO DEMONSTRATE COMPLIANCE WITH ALL APPLICABLE PERMIT CONDITION(S), RULES AND REGULATIONS.
    D. THE SOURCE TEST SHALL BE CONDUCTED WHILE THE OXIDIZER IS OPERATING AT A TEMPERATURE OF NOT LESS THAN THE MINIMUM OPERATING TEMPERATURE SPECIFIED IN THIS PERMIT. IF THE OPERATING TEMPERATURE DURING THE SOURCE TEST IS GREATER THAN THE MINIMUM OPERATING TEMPERATURE SPECIFIED IN THIS PERMIT, THE MINIMUM OPERATING TEMPERATURE SPECIFIED IN THIS PERMIT MAY BE INCREASED TO REFLECT THE OPERATING TEMPERATURE DURING THE SOURCE TEST.
    E. THE OPERATOR SHALL COMPLY WITH ADMINISTRATIVE CONDITIONS NOs. 8, 9, AND 10 OF SECTION E OF THIS FACILITY PERMIT.
    F. THE OPERATOR SHALL SUBMIT TWO COMPLETE COPIES OF THE SOURCE TEST REPORT SPECIFIED IN CONDITION NO. 9 OF SECTION E OF THIS FACILITY PERMIT TO THE DISTRICT ENGINEERING AND COMPLIANCE DIVISION. THE ENGINEERING COPY OF THE REPORT SHALL BE SENT TO: SOUTH COAST AIR QUALITY MANAGEMENT DISTRICT, COATING, PRINTING AND AEROSPACE OPERATIONS, ATTN: AIR QUALITY AND COMPLIANCE SUPERVISOR, 21865 COPLEY DRIVE, DIAMOND BAR, CA 91765. THE COMPLIANCE COPY OF THE REPORT SHALL BE SENT TO: SOUTH COAST AIR QUALITY MANAGEMENT DISTRICT, P.O. BOX 4941, DIAMOND BAR, CA 91765

    [RULE 3004(a)(4)]

Emissions And Requirements:

12. 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: 60 PPMV, RULE 1147

FACILITY PERMIT TO OPERATE
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PERMIT TO OPERATE

Permit No. F84118
A/N 437240

Equipment Description:

SPRAY BOOTH # 5, SPRAY SYSTEM, MODEL NUMBER TB451612-PDT, AUTOMOTIVE TYPE, 22'-0" W. X 49'-10" L. X 13'-8" H., WITH THIRTY-EIGHT 20" X 20" INTAKE FILTERS, FORTY-SIX 20" X 20" ATI FIRST STAGE EXHAUST FILTERS, FORTY SIX 20" X 20" ATI OSM 100 SECOND STAGE EXHAUST FILTERS, FORTY-SIX 20" X 20" ATI A3000 THIRD STAGE EXHAUST FILTERS, ONE 15 H.P. RECIRCULATION BLOWER AND 200,000 BTU PER HOUR NATURAL GAS FIRED HEATER WITH INDIRECT HEAT EXCHANGER.

Conditions:

1. OPERATION OF THIS EQUIPMENT SHALL BE CONDUCTED IN ACCORDANCE WITH ALL DATA AND SPECIFICATIONS SUBMITTED WITH THE APPLICATION UNDER WHICH THIS PERMIT IS ISSUED UNLESS OTHERWISE NOTED BELOW.
[RULE 204]

2. THIS EQUIPMENT SHALL BE PROPERLY MAINTAINED AND KEPT IN GOOD OPERATING CONDITION AT ALL TIMES.
[RULE 204]

3. THIS SPRAY BOOTH SHALL NOT BE OPERATED UNLESS ALL EXHAUST AIR PASSES THROUGH THREE STAGES FILTER MEDIA.
[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 1.85 INCHES OF WATER.
[RULE 1303(a)(1)-BACT]

5. MATERIALS USED IN THIS EQUIPMENT SHALL NOT CONTAIN ANY TOXIC/ CARCINOGENIC AIR CONTAMINANTS LISTED IN TABLE 1 IN RULE 1401, AS AMENDED MAY 2, 2003 OR EARLIER WITH THE EXCEPTION OF ETHYL BENZENE, MEK, XYLENE, ISOPROPYL ALCOHOL, TOLUENE, AND NICKEL OXIDE.
[RULE 1401]

6. THIS EQUIPMENT SHALL NOT BE OPERATED UNLESS IT IS VENTED TO AN AIR POLLUTION CONTROL SYSTEM WHICH HAS BEEN ISSUED A VALID PERMIT BY THE EXECUTIVE OFFICER.
[RULE 1303(a)(1)-BACT]

7. THE OPERATOR SHALL MAINTAIN THIS EQUIPMENT AS A PERMANENT TOTAL ENCLOSURE (PTE) AND COMPLY WITH ALL CRITERIA SPECIFIED IN EPA METHOD 204.
[RULE 1303(a)(1)-BACT]

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8. IN ADDITION TO THE RECORDKEEPING REQUIREMENT OF RULE 109, THE OPERATOR SHALL KEEP ADEQUATE RECORDS FOR THIS EQUIPMENT TO VERIFY DAILY VOLATILE ORGANIC COMPOUND (VOC), EMISSIONS IN POUNDS AND THE VOC CONTENT OF EACH MATERIAL AS APPLIED (INCLUDING WATER AND EXEMPT COMPOUNDS). ALL RECORDS SHALL BE PREPARED IN A FORMAT WHICH IS ACCEPTABLE TO THE DISTRICT, SHALL BE RETAINED ON THE PREMISES FOR AT LEAST FIVE YEARS, AND SHALL BE MADE AVAILABLE UPON REQUEST OF THE EXECUTIVE OFFICER OR HIS REPRESENTATIVE.
[RULE 1303(b)(2)-OFFSET]

9. 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:

10. 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)]

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

Emissions And Requirements:

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

    VOC: RULE 1124, SEE APPENDIX B FOR EMISSION LIMITS
    VOC: RULE 1171, SEE APPENDIX B FOR EMISSION LIMITS
    VOC: RULE 109
    HAP: 40 CFR 63 SUBPART GG, SEE SECTION J FOR REQUIREMENTS
    CO: 2000 PPM, RULE 407
    PM: RULE 404, SEE APPENDIX B FOR EMISSION LIMITS
    PM: 0.1 GR/SCF, RULE 409
    PM: RULE 481
    NOx: 30 PPMV, RULE 1147

FACILITY PERMIT TO OPERATE
ROBINSON HELICOPTER CO INC

PERMIT TO OPERATE

Permit No. F84119
A/N 437241

Equipment Description:

DRYING OVEN # 5, SPRAY SYSTEMS INC, INFRA RED, MODEL NUMBER DR451412-FDT, 15'-4" W. X 42'-2" L. X 13'-8" H., WITH TWENTY-EIGHT INFRARED LAMPS 600 KW TOTAL, 400,000 BTU PER HOUR NATURAL GAS FIRED CIRCULATION HEATER WITH INDIRECT HEAT EXCHANGER, AND ONE 2 HP CIRCULATION 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. MATERIALS USED ON THE ARTICLES THAT ARE PROCESSED IN THIS EQUIPMENT SHALL NOT CONTAIN ANY TOXIC/ CARCINOGENIC AIR CONTAMINANTS LISTED IN TABLE 1 IN RULE 1401, AS AMENDED MAY 2, 2003 OR EARLIER WITH THE EXCEPTION OF ETHYL BENZENE, MEK, XYLENE, ISOPROPYL ALCOHOL, TOLUENE, AND NICKEL OXIDE.
[RULE 1401]

4. THIS EQUIPMENT SHALL NOT BE OPERATED UNLESS IT IS VENTED TO AN AIR POLLUTION CONTROL SYSTEM WHICH HAS BEEN ISSUED A VALID PERMIT BY THE EXECUTIVE OFFICER.
[RULE 1303 (a)(1)-BACT]

5. THE OPERATOR SHALL MAINTAIN THIS EQUIPMENT AS A PERMANENT TOTAL ENCLOSURE (PTE) AND COMPLY WITH ALL CRITERIA SPECIFIED IN EPA METHOD 204.
[RULE 1303 (a)(1)-BACT]

6. 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]

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: 0.1 GR/SCF, RULE 409

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CO: 2000 PPM, RULE 407
NOx: 30 PPMV, RULE 1147

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PERMIT TO OPERATE

Permit No. F84120
A/N 437243

Equipment Description:

SPRAY BOOTH #1, BINKS MODEL NUMBER CA-642-TLO, AUTOMOTIVE TYPE, 15'-1" W. X 49'-10" L. X 13'-6" H., WITH THIRTY-EIGHT 20" X 20" INTAKE FILTERS, FORTY-SIX 20" X 20" ATI FIRST STAGE EXHAUST FILTERS, FORTY SIX 20" X 20" ATI OSM 100 SECOND STAGE EXHAUST FILTERS, FORTY-SIX 20" X 20" ATI A3000 THIRD STAGE EXHAUST FILTERS, ONE 15 H.P. RECIRCULATION BLOWER, AND 200,000 BTU PER HOUR NATURAL GAS FIRED HEATER WITH INDIRECT HEAT EXCHANGER.

Conditions:

1. OPERATION OF THIS EQUIPMENT SHALL BE CONDUCTED IN ACCORDANCE WITH ALL DATA AND SPECIFICATIONS SUBMITTED WITH THE APPLICATION UNDER WHICH THIS PERMIT IS ISSUED UNLESS OTHERWISE NOTED BELOW.
[RULE 204]

2. THIS EQUIPMENT SHALL BE PROPERLY MAINTAINED AND KEPT IN GOOD OPERATING CONDITION AT ALL TIMES.
[RULE 204]

3. THIS SPRAY BOOTH SHALL NOT BE OPERATED UNLESS ALL EXHAUST AIR PASSES THROUGH THREE STAGES FILTER MEDIA.
[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 1.85 INCHES OF WATER.
[RULE 1303(a)(1)-BACT]

5. MATERIALS USED IN THIS EQUIPMENT SHALL NOT CONTAIN ANY TOXIC/ CARCINOGENIC AIR CONTAMINANTS LISTED IN TABLE 1 IN RULE 1401, AS AMENDED MAY 2, 2003 OR EARLIER WITH THE EXCEPTION OF ETHYL BENZENE, MEK, XYLENE, ISOPROPYL ALCOHOL, TOLUENE, AND NICKEL OXIDE.
[RULE 1401]

6. THIS EQUIPMENT SHALL NOT BE OPERATED UNLESS IT IS VENTED TO AN AIR POLLUTION CONTROL SYSTEM WHICH HAS BEEN ISSUED A VALID PERMIT BY THE EXECUTIVE OFFICER.
[RULE 1303(a)(1)-BACT]

7. THE OPERATOR SHALL MAINTAIN THIS EQUIPMENT AS A PERMANENT TOTAL ENCLOSURE (PTE) AND COMPLY WITH ALL CRITERIA SPECIFIED IN EPA METHOD 204.
[RULE 1303(a)(1)-BACT]

8. IN ADDITION TO THE RECORDKEEPING REQUIREMENT OF RULE 109, THE OPERATOR SHALL KEEP ADEQUATE RECORDS FOR THIS EQUIPMENT TO VERIFY DAILY VOLATILE ORGANIC COMPOUND (VOC), EMISSIONS IN POUNDS AND THE VOC CONTENT OF EACH MATERIAL AS

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APPLIED (INCLUDING WATER AND EXEMPT COMPOUNDS). ALL RECORDS SHALL BE PREPARED IN A FORMAT WHICH IS ACCEPTABLE TO THE DISTRICT, SHALL BE RETAINED ON THE PREMISES FOR AT LEAST FIVE YEARS, AND SHALL BE MADE AVAILABLE UPON REQUEST OF THE EXECUTIVE OFFICER OR HIS REPRESENTATIVE.
[RULE 1303(b)(2)-OFFSET]

9. 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:

10. 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)]

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

Emissions And Requirements:

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

    VOC: RULE 1124, SEE APPENDIX B FOR EMISSION LIMITS
    VOC: RULE 1171, SEE APPENDIX B FOR EMISSION LIMITS
    VOC: RULE 109
    HAP: 40 CFR 63 SUBPART GG, SEE SECTION J FOR REQUIREMENTS
    CO: 2000 PPM, RULE 407
    PM: RULE 404, SEE APPENDIX B FOR EMISSION LIMITS
    PM: 0.1 GR/SCF, RULE 409
    PM: RULE 481
    NOx: 30 PPMV, RULE 1147

FACILITY PERMIT TO OPERATE
ROBINSON HELICOPTER CO INC

PERMIT TO OPERATE

Permit No. F84121
A/N 437244

Equipment Description:

DRYING OVEN # 1, BINKS, INFRA RED, 14'-0" W. X 40'-0" L. X 12'-0" H., WITH TWENTY-SIX INFRARED LAMPS 76 KW TOTAL, 304,000 BTU PER HOUR NATURAL GAS FIRED CIRCULATION HEATER WITH INDIRECT HEAT EXCHANGER, ONE 3 HP CIRCULATION 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. MATERIALS USED ON THE ARTICLES THAT ARE PROCESSED IN THIS EQUIPMENT SHALL NOT CONTAIN ANY TOXIC/ CARCINOGENIC AIR CONTAMINANTS LISTED IN TABLE 1 IN RULE 1401, AS AMENDED MAY 2, 2003 OR EARLIER WITH THE EXCEPTION OF ETHYL BENZENE, MEK, XYLENE, ISOPROPYL ALCOHOL, TOLUENE, AND NICKEL OXIDE.
[RULE 1401]

4. THIS EQUIPMENT SHALL NOT BE OPERATED UNLESS IT IS VENTED TO AN AIR POLLUTION CONTROL SYSTEM WHICH HAS BEEN ISSUED A VALID PERMIT BY THE EXECUTIVE OFFICER.
[RULE 1303(a)(1)-BACT]

5. THE OPERATOR SHALL MAINTAIN THIS EQUIPMENT AS A PERMANENT TOTAL ENCLOSURE (PTE) AND COMPLY WITH ALL CRITERIA SPECIFIED IN EPA METHOD 204.
[RULE 1303(a)(1)-BACT]

6. 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]

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: 0.1 GR/SCF, RULE 409

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CO: 2000 PPM, RULE 407
NOx: 30 PPMV, RULE 1147

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PERMIT TO OPERATE

Permit No. G11849
A/N 479022

Equipment Description:

ABRASIVE BLASTING SYSTEM, CONSISTING OF:

1. DUAL BLASTING CABINET, EMPIRE, MODEL NO. P60120, 10'-0" L. X 5'-0" W. X 3'-7" H.

2. TWO NOZZLES, 3/8" DIA. EACH.

3. PLANT AIR, SUPPLIED AT 100 PSI MAXIMUM.

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 AN AIR POLLUTION CONTROL SYSTEM WHICH HAS BEEN ISSUED A VALID PERMIT BY THE DISTRICT.
[RULE 1303(a)(1)-BACT]

4. ONLY PLASTIC ABRASIVE MEDIA SHALL BE USED IN THIS EQUIPMENT.
[RULE 1303 (b)(2)-OFFSET]

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

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WHICH COMPLIANCE WAS ACHIEVED IN THE PAST, AND EITHER:

A. TAKE CORRECTIVE ACTION(S) THAT ELIMINATES THE VISIBLE EMISSIONS WITHIN 24 HOURS AND REPORT THE VISIBLE EMISSIONS AS A POTENTIAL DEVIATION IN ACCORDANCE WITH THE REPORTING REQUIREMENTS IN SECTION K OF THIS PERMIT; OR

B. HAVE A CARB-CERTIFIED SMOKE READER DETERMINE COMPLIANCE WITH THE OPACITY STANDARD, USING EPA METHOD 9 OR THE PROCEDURES IN THE CARB MANUAL "VISIBLE EMISSION EVALUATION", WITHIN THREE BUSINESS DAYS AND REPORT ANY DEVIATIONS TO AQMD.

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

A. STACK OR EMISSION POINT IDENTIFICATION;

B. DESCRIPTION OF ANY CORRECTIVE ACTIONS TAKEN TO ABATE VISIBLE EMISSIONS;

C. DATE AND TIME VISIBLE EMISSION WAS ABATED; AND

D. VISIBLE EMISSION OBSERVATION RECORDED BY A CERTIFIED SMOKE READER.

[RULE 3004 (a)(4)]

Emissions and Requirements:

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

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

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PERMIT TO OPERATE

Permit No. G11850
A/N 479023

Equipment Description:

AIR POLLUTION CONTROL SYSTEM, CONSISTING OF:

1. DUAL DUST COLLECTORS, EACH WITH TWO 14" DIA X 28" L. CARTRIDGE-TYPE FILTERS, 452 SQ. FT. TOTAL FILTER AREA.

2. EXHAUST SYSTEM WITH TWO 2 H.P. BLOWERS VENTING AN ABRASIVE BLASTING SYSTEM.

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 EQUIPMENT SHALL BE DISCHARGED ONLY INTO CLOSED CONTAINERS.
[RULE 1303(a)(1)-BACT]

4. A GAUGE SHALL BE INSTALLED AND MAINTAINED TO INDICATE, IN INCHES WATER COLUMN, THE STATIC PRESSURE DIFFERENTIAL ACROSS THE FILTERS.
[RULE 1303(a)(1)-BACT]

5. THE STATIC PRESSURE DIFFERENTIAL ACROSS THE FILTERS SHALL NOT EXCEED 4 INCHES OF WATER COLUMN.
[RULE 1303(a)(1)-BACT]

Periodic Monitoring:

6. THE OPERATOR SHALL PERFORM AN ANNUAL INSPECTION OF THE EQUIPMENT AND FILTER MEDIA FOR LEAKS, BROKEN OR TORN FILTER MEDIA AND IMPROPERLY INSTALLED FILTER MEDIA. THE OPERATOR SHALL KEEP RECORDS, IN A MANNER APPROVED BY THE DISTRICT, FOR THE FOLLOWING PARAMETER(S) OR ITEM(S):

   A. THE NAME OF THE PERSON PERFORMING THE INSPECTION AND/OR MAINTENANCE OF THE FILTER MEDIA;

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

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

A. STACK OR EMISSION POINT IDENTIFICATION;

B. DESCRIPTION OF ANY CORRECTIVE ACTIONS TAKEN TO ABATE VISIBLE EMISSIONS; AND

C. DATE AND TIME VISIBLE EMISSION WAS ABATED.

[RULE 3004 (a)(4)]

Emissions and Requirements:

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

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

FACILITY PERMIT TO OPERATE
ROBINSON HELICOPTER CO INC

PERMIT TO CONSTRUCT

A/N 523886
Granted as of
February 3, 2012

Equipment Description:

DRYING OVEN, MARATHON, BATCH TYPE, 20' W. X 17'L. X 8' H., NATURAL GAS HEATED, WITH ONE 1,000,000 BTU/HR MIDCO LNB 1000 LOW NOX NATURAL GAS-FIRED BURNER., WITH A 12,000-SCFM CIRCULATING FAN, AND A 3914-SCFM EXHAUST FAN, FOR DRYING PAINTED HELICOPTER PARTS.

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 OPERATOR SHALL TEST THIS EQUIPMENT IN ACCORDANCE WITH THE FOLLOWING SPECIFICATIONS:
   A. THE SOURCE TEST SHALL BE CONDUCTED NO LATER THAN 180 DAYS AFTER THE INITIAL START-UP OF THIS EQUIPMENT UNLESS OTHERWISE APPROVED IN WRITING BY THE DISTRICT.
   B. A SOURCE TEST PROTOCOL SHALL BE SUBMITTED TO THE DISTRICT NO LATER THAN 60 DAYS AFTER THE INITIAL START-UP OF THIS EQUIPMENT UNLESS OTHERWISE APPROVED IN WRITING BY THE DISTRICT. THE TEST PROTOCOL SHALL BE APPROVED IN WRITING BY THE DISTRICT BEFORE THE TEST COMMENCES.
   C. THE TEST PROTOCOL SHALL INCLUDE THE PROPOSED OPERATING CONDITIONS OF THE EQUIPMENT DURING THE TEST, THE IDENTITY OF THE TESTING LABORATORY, A STATEMENT FROM THE TESTING LABORATORY CERTIFYING THAT IT MEETS THE CRITERIA IN DISTRICT RULE 304(K), AND A DESCRIPTION OF THE SAMPLING AND ANALYTICAL PROCEDURES TO BE USED.
   D. THE SOURCE TESTS SHALL CONSIST OF, BUT MAY NOT BE LIMITED TO, TESTING OF THE DRYER NO_X AND CO EMISSIONS, REFERENCED AT 3 PERCENT VOLUME STACK GAS OXYGEN ON A DRY BASIS, DURING AS-FOUND OPERATING CONDITIONS OF EACH DRYER.
   E. THE SOURCE TESTS SHALL CONSIST OF, BUT MAY NOT BE LIMITED TO, TESTING OF THE DRYER NO_X AND CO EMISSIONS, REFERENCED AT 3 PERCENT VOLUME STACK GAS OXYGEN ON A DRY BASIS, WHILE THE DRYER IS OPERATED BELOW 25% OF THE MAXIMUM RATED INPUT HEAT CAPACITY.
   F. NO_X AND CO EMISSION DETERMINATION SHALL BE AVERAGED OVER A PERIOD OF AT LEAST 15 AND NO MORE THAN 60 CONSECUTIVE MINUTES, AND AT LEAST 15 MINUTES AFTER UNIT START-UP.

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ROBINSON HELICOPTER CO INC

G. A WRITTEN NOTICE OF THE SOURCE TESTS SHALL BE SUBMITTED TO THE DISTRICT AT LEAST 14 DAYS PRIOR TO THE SOURCE TESTING DATE SO THAT AN OBSERVER FROM THE DISTRICT MAY BE PRESENT.
H. TWO COMPLETE COPIES OF THE SOURCE TEST REPORT SHALL BE SUBMITTED TO THE DISTRICT WITHIN 45 DAYS AFTER SOURCE TESTING DATE UNLESS OTHERWISE APPROVED IN WRITING BY THE DISTRICT. THE SOURCE TEST REPORT SHALL INCLUDE, BUT MAY NOT BE LIMITED TO, ALL TESTING DATA REQUIRED BY THIS CONDITION.
I. A TESTING LABORATORY CERTIFIED BY THE CALIFORNIA AIR RESOURCES BOARD IN THE REQUIRED TEST METHODS FOR THE CRITERIA POLLUTANTS TO BE MEASURED, AND IN COMPLIANCE WITH DISTRICT RULE 304 (NO CONFLICT OF INTEREST) SHALL CONDUCT THE TEST.
J. SAMPLING FACILITIES SHALL COMPLY WITH THE DISTRICT GUIDELINES FOR CONSTRUCTION OF SAMPLING AND TESTING FACILITIES, PURSUANT TO RULE 217.
K. THE RESULTS OF ALL TESTS (INCLUDING PRELIMINARY TESTS) THAT ARE CONDUCTED ON THIS EQUIPMENT FOR INFORMATIONAL PURPOSES SHALL BE SUBMITTED TO THE DISTRICT WITHIN 45 DAYS AFTER THE TESTING DATE UNLESS OTHERWISE APPROVED IN WRITING BY THE DISTRICT.

[RULE 1147]

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; 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)]

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Emissions and Requirements:

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

CO:	2000 PPM, RULE 407
PM:	0.1 gr/scf, RULE 409
PM:	RULE 404, SEE APPENDIX B FOR EMISSION LIMITS
NOx:	30 PPM, RULE 1147

FACILITY PERMIT TO OPERATE
ROBINSON HELICOPTER CO INC

PERMIT TO CONSTRUCT

A/N 523887
Granted as of
February 3, 2012

Equipment Description:

SPRAY BOOTH NO. 6, MARATHON, MODEL NO. RAF 520820 14L IHH, FLOOR TYPE, 15' W. X 17' L. X 8' H., WITH THREE STAGE A-3000 EXHAUST FILTRATION SYSTEM CONSISTING OF: BLANKET FILTER FIRST STAGE, TWENTY FOUR 20" X 20" OSM-100 SECOND STAGE, TWENTY FOUR 20" X 20" ATI A-3000 THIRD STAGE, ONE 7-1/2 H.P. EXHAUST FAN, AND A 1,000,000 BTU/HR MIDCO LNB 1000 LOW-NOx NATURAL GAS-FIRED BURNER

Conditions:

1. OPERATION OF THIS EQUIPMENT SHALL BE CONDUCTED IN ACCORDANCE WITH ALL DATA AND SPECIFICATIONS SUBMITTED WITH THE APPLICATION UNDER WHICH THIS PERMIT IS ISSUED UNLESS OTHERWISE NOTED BELOW.
[RULE 204]

2. THIS EQUIPMENT SHALL BE PROPERLY MAINTAINED AND KEPT IN GOOD OPERATING CONDITION AT ALL TIMES.
[RULE 204]

3. THIS SPRAY BOOTH SHALL NOT BE OPERATED UNLESS ALL EXHAUST AIR PASSES THROUGH THE THREE STAGE FILTER SYSTEM.
[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 1.85 INCHES OF WATER.
[RULE 1303(a)(1)-BACT]

5. THE TOTAL QUANTITY OF VOLATILE ORGANIC COMPOUND (VOC) EMISSIONS FROM SPRAY BOOTHS NOs. 6 & 7 COMBINED SHALL BE LESS THAN 39 POUNDS IN ANY ONE DAY.
[RULE 1303(b)(2)-OFFSET]

6. THE OPERATOR SHALL TEST THIS EQUIPMENT IN ACCORDANCE WITH THE FOLLOWING SPECIFICATIONS:

   A. THE SOURCE TEST SHALL BE CONDUCTED NO LATER THAN 180 DAYS AFTER THE INITIAL START-UP OF THIS EQUIPMENT UNLESS OTHERWISE APPROVED IN WRITING BY THE DISTRICT.

   B. A SOURCE TEST PROTOCOL SHALL BE SUBMITTED TO THE DISTRICT NO LATER THAN 60 DAYS AFTER THE INITIAL START-UP OF THIS EQUIPMENT UNLESS OTHERWISE APPROVED IN WRITING BY THE DISTRICT. THE TEST PROTOCOL SHALL BE APPROVED IN WRITING BY THE DISTRICT BEFORE THE TEST COMMENCES.

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C. THE TEST PROTOCOL SHALL INCLUDE THE PROPOSED OPERATING CONDITIONS OF THE EQUIPMENT DURING THE TEST, THE IDENTITY OF THE TESTING LABORATORY, A STATEMENT FROM THE TESTING LABORATORY CERTIFYING THAT IT MEETS THE CRITERIA IN DISTRICT RULE 304(K), AND A DESCRIPTION OF THE SAMPLING AND ANALYTICAL PROCEDURES TO BE USED.

D. THE SOURCE TESTS SHALL CONSIST OF, BUT MAY NOT BE LIMITED TO, TESTING OF THE BURNER NOX AND CO EMISSIONS, REFERENCED AT 3 PERCENT VOLUME STACK GAS OXYGEN ON A DRY BASIS, DURING AS-FOUND OPERATING CONDITIONS OF EACH BURNER.

E. THE SOURCE TESTS SHALL CONSIST OF, BUT MAY NOT BE LIMITED TO, TESTING OF THE BURNER NOX AND CO EMISSIONS, REFERENCED AT 3 PERCENT VOLUME STACK GAS OXYGEN ON A DRY BASIS, WHILE THE BURNER IS OPERATED BELOW 25% OF THE MAXIMUM RATED INPUT HEAT CAPACITY.

F. NOX AND CO EMISSION DETERMINATION SHALL BE AVERAGED OVER A PERIOD OF AT LEAST 15 AND NO MORE THAN 60 CONSECUTIVE MINUTES, AND AT LEAST 15 MINUTES AFTER UNIT START-UP.

G. A WRITTEN NOTICE OF THE SOURCE TESTS SHALL BE SUBMITTED TO THE DISTRICT AT LEAST 14 DAYS PRIOR TO THE SOURCE TESTING DATE SO THAT AN OBSERVER FROM THE DISTRICT MAY BE PRESENT.

H. TWO COMPLETE COPIES OF THE SOURCE TEST REPORT SHALL BE SUBMITTED TO THE DISTRICT WITHIN 45 DAYS AFTER SOURCE TESTING DATE UNLESS OTHERWISE APPROVED IN WRITING BY THE DISTRICT. THE SOURCE TEST REPORT SHALL INCLUDE, BUT MAY NOT BE LIMITED TO, ALL TESTING DATA REQUIRED BY THIS CONDITION.

I. A TESTING LABORATORY CERTIFIED BY THE CALIFORNIA AIR RESOURCES BOARD IN THE REQUIRED TEST METHODS FOR THE CRITERIA POLLUTANTS TO BE MEASURED, AND IN COMPLIANCE WITH DISTRICT RULE 304 (NO CONFLICT OF INTEREST) SHALL CONDUCT THE TEST.

J. SAMPLING FACILITIES SHALL COMPLY WITH THE DISTRICT GUIDELINES FOR CONSTRUCTION OF SAMPLING AND TESTING FACILITIES, PURSUANT TO RULE 217.

K. THE RESULTS OF ALL TESTS (INCLUDING PRELIMINARY TESTS) THAT ARE CONDUCTED ON THIS EQUIPMENT FOR INFORMATIONAL PURPOSES SHALL BE SUBMITTED TO THE DISTRICT WITHIN 45 DAYS AFTER THE TESTING DATE UNLESS OTHERWISE APPROVED IN WRITING BY THE DISTRICT.

[RULE 1147]

7. MATERIALS USED IN THIS EQUIPMENT SHALL NOT CONTAIN ANY COMPOUNDS IDENTIFIED AS CARCINOGENIC AIR CONTAMINANTS IN RULE 1401 AS AMENDED SEPTEMBER 10, 2010, WITH EXCEPTION OF ETHYL BENZENE (CAS NO. 100-41-4).
[RULE 1401]

8. THE MAXIMUM ETHYL BENZENE CONCENTRATION IN MATERIALS USED IN THIS EQUIPMENT SHALL NOT EXCEED 1% BY WEIGHT.
[RULE 1401]

9. IN ADDITION TO THE RECORDKEEPING REQUIREMENT OF RULE 109, THE OPERATOR SHALL KEEP ADEQUATE RECORDS FOR THIS EQUIPMENT TO VERIFY DAILY VOLATILE ORGANIC

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COMPOUND (VOC) EMISSIONS IN POUNDS AND THE VOC CONTENT OF EACH MATERIAL AS APPLIED (INCLUDING WATER AND EXEMPT COMPOUNDS). ALL RECORDS SHALL BE PREPARED IN A FORMAT WHICH IS ACCEPTABLE TO THE DISTRICT, SHALL BE RETAINED ON THE PREMISES FOR AT LEAST FIVE YEARS, AND SHALL BE MADE AVAILABLE UPON REQUEST OF THE EXECUTIVE OFFICER OR HIS REPRESENTATIVE.
[RULE 109, 1303(b)(2)-OFFSET]

Periodic Monitoring:

10. 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)]

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

Emissions and Requirements:

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

    VOC: RULE 1124, SEE APPENDIX B FOR EMISSION LIMITS
    VOC: RULE 1171, SEE APPENDIX B FOR EMISSION LIMITS
    VOC: RULE 109
    HAP: 40 CFR 63 SUBPART GG, SEE SECTION J FOR REQUIREMENTS
    PM: RULE 404, SEE APPENDIX B FOR EMISSION LIMITS
    PM: 0.1 gr/scf, RULE 409
    CO: 2000 PPM, RULE 407
    PM: RULE 481
    NOx: 30 PPM, RULE 1147

FACILITY PERMIT TO OPERATE
ROBINSON HELICOPTER CO INC

PERMIT TO CONSTRUCT

A/N 523888
Granted as of
February 3, 2012

Equipment Description:

SPRAY BOOTH NO. 7, MARATHON, MODEL NO. RAF 520820 14L IHH, FLOOR TYPE, 15' W. X 17' L. X 8' H., WITH THREE STAGE A-3000 EXHAUST FILTRATION SYSTEM CONSISTING OF: BLANKET FILTER FIRST STAGE, TWENTY FOUR 20" X 20" OSM-100 SECOND STAGE, TWENTY FOUR 20" X 20" ATI A-3000 THIRD STAGE, ONE 7-1/2 H.P. EXHAUST FAN, AND A 1,000,000 BTU/HR MIDCO LNB 1000 LOW-NOx NATURAL GAS-FIRED BURNER.

Conditions:

1. OPERATION OF THIS EQUIPMENT SHALL BE CONDUCTED IN ACCORDANCE WITH ALL DATA AND SPECIFICATIONS SUBMITTED WITH THE APPLICATION UNDER WHICH THIS PERMIT IS ISSUED UNLESS OTHERWISE NOTED BELOW.
[RULE 204]

2. THIS EQUIPMENT SHALL BE PROPERLY MAINTAINED AND KEPT IN GOOD OPERATING CONDITION AT ALL TIMES.
[RULE 204]

3. THIS SPRAY BOOTH SHALL NOT BE OPERATED UNLESS ALL EXHAUST AIR PASSES THROUGH THE THREE STAGE FILTER SYSTEM.
[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 1.85 INCHES OF WATER.
[RULE 1303(a)(1)-BACT]

5. THE TOTAL QUANTITY OF VOLATILE ORGANIC COMPOUND (VOC) EMISSIONS FROM SPRAY BOOTHS NOs. 6 & 7 COMBINED SHALL BE LESS THAN 39 POUNDS IN ANY ONE DAY.
[RULE 1303(b)(2)-OFFSET]

6. THE OPERATOR SHALL TEST THIS EQUIPMENT IN ACCORDANCE WITH THE FOLLOWING SPECIFICATIONS:

   A. THE SOURCE TEST SHALL BE CONDUCTED NO LATER THAN 180 DAYS AFTER THE INITIAL START-UP OF THIS EQUIPMENT UNLESS OTHERWISE APPROVED IN WRITING BY THE DISTRICT.

   B. A SOURCE TEST PROTOCOL SHALL BE SUBMITTED TO THE DISTRICT NO LATER THAN 60 DAYS AFTER THE INITIAL START-UP OF THIS EQUIPMENT UNLESS OTHERWISE APPROVED IN WRITING BY THE DISTRICT. THE TEST PROTOCOL SHALL BE APPROVED IN WRITING BY THE DISTRICT BEFORE THE TEST COMMENCES.

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C. THE TEST PROTOCOL SHALL INCLUDE THE PROPOSED OPERATING CONDITIONS OF THE EQUIPMENT DURING THE TEST, THE IDENTITY OF THE TESTING LABORATORY, A STATEMENT FROM THE TESTING LABORATORY CERTIFYING THAT IT MEETS THE CRITERIA IN DISTRICT RULE 304(K), AND A DESCRIPTION OF THE SAMPLING AND ANALYTICAL PROCEDURES TO BE USED.

D. THE SOURCE TESTS SHALL CONSIST OF, BUT MAY NOT BE LIMITED TO, TESTING OF THE BURNER NOX AND CO EMISSIONS, REFERENCED AT 3 PERCENT VOLUME STACK GAS OXYGEN ON A DRY BASIS, DURING AS-FOUND OPERATING CONDITIONS OF EACH BURNER.

E. THE SOURCE TESTS SHALL CONSIST OF, BUT MAY NOT BE LIMITED TO, TESTING OF THE BURNER NOX AND CO EMISSIONS, REFERENCED AT 3 PERCENT VOLUME STACK GAS OXYGEN ON A DRY BASIS, WHILE THE BURNER IS OPERATED BELOW 25% OF THE MAXIMUM RATED INPUT HEAT CAPACITY.

F. NOX AND CO EMISSION DETERMINATION SHALL BE AVERAGED OVER A PERIOD OF AT LEAST 15 AND NO MORE THAN 60 CONSECUTIVE MINUTES, AND AT LEAST 15 MINUTES AFTER UNIT START-UP.

G. A WRITTEN NOTICE OF THE SOURCE TESTS SHALL BE SUBMITTED TO THE DISTRICT AT LEAST 14 DAYS PRIOR TO THE SOURCE TESTING DATE SO THAT AN OBSERVER FROM THE DISTRICT MAY BE PRESENT.

H. TWO COMPLETE COPIES OF THE SOURCE TEST REPORT SHALL BE SUBMITTED TO THE DISTRICT WITHIN 45 DAYS AFTER SOURCE TESTING DATE UNLESS OTHERWISE APPROVED IN WRITING BY THE DISTRICT. THE SOURCE TEST REPORT SHALL INCLUDE, BUT MAY NOT BE LIMITED TO, ALL TESTING DATA REQUIRED BY THIS CONDITION.

I. A TESTING LABORATORY CERTIFIED BY THE CALIFORNIA AIR RESOURCES BOARD IN THE REQUIRED TEST METHODS FOR THE CRITERIA POLLUTANTS TO BE MEASURED, AND IN COMPLIANCE WITH DISTRICT RULE 304 (NO CONFLICT OF INTEREST) SHALL CONDUCT THE TEST.

J. SAMPLING FACILITIES SHALL COMPLY WITH THE DISTRICT GUIDELINES FOR CONSTRUCTION OF SAMPLING AND TESTING FACILITIES, PURSUANT TO RULE 217.

K. THE RESULTS OF ALL TESTS (INCLUDING PRELIMINARY TESTS) THAT ARE CONDUCTED ON THIS EQUIPMENT FOR INFORMATIONAL PURPOSES SHALL BE SUBMITTED TO THE DISTRICT WITHIN 45 DAYS AFTER THE TESTING DATE UNLESS OTHERWISE APPROVED IN WRITING BY THE DISTRICT.

[RULE 1147]

7. MATERIALS USED IN THIS EQUIPMENT SHALL NOT CONTAIN ANY COMPOUNDS IDENTIFIED AS CARCINOGENIC AIR CONTAMINANTS IN RULE 1401 AS AMENDED SEPTEMBER 10, 2010, WITH EXCEPTION OF ETHYL BENZENE (CAS NO. 100-41-4).
[RULE 1401]

8. THE MAXIMUM ETHYL BENZENE CONCENTRATION IN MATERIALS USED IN THIS EQUIPMENT SHALL NOT EXCEED 1% BY WEIGHT.
[RULE 1401]

9. IN ADDITION TO THE RECORDKEEPING REQUIREMENT OF RULE 109, THE OPERATOR SHALL KEEP ADEQUATE RECORDS FOR THIS EQUIPMENT TO VERIFY DAILY VOLATILE ORGANIC

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COMPOUND (VOC) EMISSIONS IN POUNDS AND THE VOC CONTENT OF EACH MATERIAL AS APPLIED (INCLUDING WATER AND EXEMPT COMPOUNDS). ALL RECORDS SHALL BE PREPARED IN A FORMAT WHICH IS ACCEPTABLE TO THE DISTRICT, SHALL BE RETAINED ON THE PREMISES FOR AT LEAST FIVE YEARS, AND SHALL BE MADE AVAILABLE UPON REQUEST OF THE EXECUTIVE OFFICER OR HIS REPRESENTATIVE.
[RULE 109, 1303(b)(2)-OFFSET]

Periodic Monitoring:

10. 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)]

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

Emissions and Requirements:

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

    VOC: RULE 1124, SEE APPENDIX B FOR EMISSION LIMITS
    VOC: RULE 1171, SEE APPENDIX B FOR EMISSION LIMITS
    VOC: RULE 109
    HAP: 40 CFR 63 SUBPART GG, SEE SECTION J FOR REQUIREMENTS
    PM: RULE 404, SEE APPENDIX B FOR EMISSION LIMITS
    PM: 0.1 gr/scf, RULE 409
    CO: 2000 PPM, RULE 407
    PM: RULE 481
    NOX: 30 PPM, RULE 1147

FACILITY PERMIT TO OPERATE
ROBINSON HELICOPTER CO INC

PERMIT TO CONSTRUCT

A/N 523891
Granted as of
February 3, 2012

Equipment Description:

MODIFICATION TO AIR POLLUTION CONTROL SYSTEM, OPERATING UNDER PERMIT NO. F84117, A/N 437239 CONSISTING OF:

AIR POLLUTION CONTROL SYSTEM CONSISTING OF:

1. THERMAL OXIDIZER, REGENERATIVE TYPE, ADWEST TECHNOLOGIES, MODEL RETOX 12, 24'-6" L. X 15'-11" W. X 10'-5" H., 12,000 SCFM CAPACITY WITH A 3.43 MMBTU PER HOUR START UP BURNER, A 1.8 MMBTU PER HOUR GAS INJECTION SYSTEM, 2 CERAMIC BEDS, A 7 ½ HP COMBUSTION BLOWER, AND A COIL MEDIA HEAT EXCHANGER.

2. EXHAUST SYSTEM WITH ONE 27 HP FAN VENTING TWO SPRAY BOOTHS AND TWO DRYING OVENS, ALL OPERATING AS PERMANENT TOTAL ENCLOSURES

BY THE ADDITION OF:

VENTING ONE SPRAY BOOTH AND ONE OVEN (A/Ns 534351 & 534352)

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

4. THE OPERATOR SHALL OPERATE AND MAINTAIN THIS EQUIPMENT ACCORDING TO THE FOLLOWING REQUIREMENTS:

   THE COMBUSTION CHAMBER TEMPERATURE SHALL BE MAINTAINED AT A MINIMUM OF 1,500 DEGREES FAHRENHEIT WHENEVER THE EQUIPMENT IT SERVES IS IN OPERATION.

   THE OPERATOR SHALL OPERATE AND MAINTAIN A TEMPERATURE MEASURING AND RECORDING SYSTEM TO CONTINUOUSLY MEASURE AND RECORD THE COMBUSTION

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CHAMBER TEMPERATURE PURSUANT TO THE OPERATION AND MAINTENANCE REQUIREMENTS SPECIFIED IN 40 CFR PART 64.7. SUCH A SYSTEM SHALL HAVE AN ACCURACY OF WITHIN 1% OF THE TEMPERATURE BEING MONITORED AND SHALL BE INSPECTED, MAINTAINED, AND CALIBRATED ON AN ANNUAL BASIS IN ACCORDANCE WITH THE MANUFACTURER'S SPECIFICATIONS.

FOR THE PURPOSE OF THIS CONDITION, A DEVIATION SHALL BE DEFINED AS WHEN A COMBUSTION CHAMBER TEMPERATURE OF LESS THAN 1,500 DEGREES FAHRENHEIT OCCURS DURING NORMAL OPERATION OF THE EQUIPMENT IT SERVES. THE OPERATOR SHALL REVIEW THE RECORDS OF THE COMBUSTION CHAMBER TEMPERATURE ON A DAILY BASIS TO DETERMINE IF A DEVIATION OCCURS OR SHALL INSTALL AN ALARM SYSTEM TO ALERT THE OPERATOR WHEN A DEVIATION OCCURS.

WHENEVER A DEVIATION OCCURS, THE OPERATOR SHALL INSPECT THIS EQUIPMENT TO IDENTIFY THE CAUSE OF SUCH A DEVIATION, TAKE IMMEDIATE CORRECTIVE ACTION TO MAINTAIN THE COMBUSTION CHAMBER TEMPERATURE AT OR ABOVE 1,500 DEGREES FAHRENHEIT, AND KEEP RECORDS OF THE DURATION AND CAUSE (INCLUDING UNKNOWN CAUSE, IF APPLICABLE) OF THE DEVIATION AND THE CORRECTIVE ACTION TAKEN.

ALL DEVIATIONS SHALL BE REPORTED TO THE AQMD PURSUANT TO THE REQUIREMENTS SPECIFIED IN 40 CFR PART 64.9 AND CONDITION NOS. 22 AND 23 IN SECTION K OF THIS PERMIT. THE REPORT SHALL INCLUDE THE TOTAL OPERATING TIME OF THIS EQUIPMENT AND THE TOTAL ACCUMULATED DURATION OF ALL DEVIATIONS FOR EACH SEMI-ANNUAL REPORTING PERIOD SPECIFIED IN CONDITION NO. 23 IN SECTION K OF THIS PERMIT.

THE OPERATOR SHALL SUBMIT AN APPLICATION WITH A QUALITY IMPROVEMENT PLAN (QIP) IN ACCORDANCE WITH 40 CFR PART 64.8 TO THE AQMD IF AN ACCUMULATION OF DEVIATIONS EXCEEDS 5 PERCENT DURATION OF THIS EQUIPMENT'S TOTAL OPERATING TIME FOR ANY SEMI-ANNUAL REPORTING PERIOD SPECIFIED IN CONDITION NO. 23 IN SECTION K OF THIS PERMIT. THE REQUIRED QIP SHALL BE SUBMITTED TO THE AQMD WITHIN 90 CALENDAR DAYS AFTER THE DUE DATE FOR THE SEMI-ANNUAL MONITORING REPORT.

THE OPERATOR SHALL INSPECT AND MAINTAIN ALL COMPONENTS OF THIS EQUIPMENT ON AN ANNUAL BASIS IN ACCORDANCE WITH THE MANUFACTURER'S SPECIFICATIONS.

THE OPERATOR SHALL KEEP ADEQUATE RECORDS IN A FORMAT THAT IS ACCEPTABLE TO THE AQMD TO DEMONSTRATE COMPLIANCE WITH ALL APPLICABLE REQUIREMENTS SPECIFIED IN THIS CONDITION AND 40 CFR PART 64.9 FOR A MINIMUM OF FIVE YEARS.
[RULE 1303(a)(1)-BACT, RULE 3004(a)(4)-PERIODIC MONITORING, 40CFR Part 64]

5. THE TEMPERATURE INDICATOR AND A DATA RECORDER SHALL BE IN OPERATION WHENEVER THE EQUIPMENT IT SERVES IS IN OPERATION.
[RULE 1303(a)(1)-BACT]

6. THE TEMPERATURE INDICATOR SHALL BE PROPERLY CALIBRATED AND MAINTAINED IN GOOD OPERATING CONDITION.
[RULE 1303(a)(1)-BACT]

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7. ALL ACCESS DOORS TO THE PERMANENT TOTAL ENCLOSURES SHALL BE KEPT CLOSED DURING NORMAL OPERATIONS.
[RULE 1303(a)(1)-BACT]

8. THE OPERATOR SHALL OPERATE AND MAINTAIN THIS EQUIPMENT TO ACHIEVE A VOC DESTRUCTION EFFICIENCY OF AT LEAST 95% BY WEIGHT WHENEVER THE EQUIPMENT IT SERVES IS IN OPERATION.
[RULE 1303(a)(1)-BACT, 1303(b)(2)-OFFSET]

9. THE OPERATOR SHALL OPERATE AND MAINTAIN THIS EQUIPMENT TO ACHIEVE AN OVERALL VOC CONTROL EFFICIENCY OF AT LEAST 95%.
[RULE 1303(a)(1)-BACT, 1303(b)(2)-OFFSET]

10. THE OWNER OR OPERATOR OF THIS EQUIPMENT SHALL CONDUCT SOURCE TESTS UNDER THE FOLLOWING CONDITIONS TO DEMONSTRATE COMPLIANCE WITH THE PERMIT CONDITIONS:

A. THE SOURCE TESTS SHALL BE CONDUCTED NO LATER THAN 180 DAYS AFTER THE INITIAL START-UP OF THE REGENERATIVE THERMAL OXIDIZER AFTER THE MODIFICATION IS COMPLETE UNLESS OTHERWISE APPROVED IN WRITING BY THE DISTRICT.

B. A SOURCE TEST PROTOCOL SHALL BE SUBMITTED TO THE DISTRICT ENGINEER, NO LATER THAN 60 DAYS AFTER THE INITIAL START-UP OF THE REGENERATIVE THERMAL OXIDIZER UNLESS OTHERWISE APPROVED IN WRITING BY THE DISTRICT. THE TEST PROTOCOL SHALL BE APPROVED IN WRITING BY THE DISTRICT BEFORE THE TEST COMMENCES. THE TEST PROTOCOL SHALL INCLUDE THE COMPLETED DISTRICT FORMS ST-1 AND ST-2 SPECIFYING THE PROPOSED OPERATING CONDITIONS OF THE EQUIPMENT DURING THE TEST, THE IDENTITY OF THE TESTING LABORATORY, A STATEMENT FROM THE TESTING LABORATORY CERTIFYING IT MEETS THE CRITERIA IN DISTRICT RULE 304(k), AND A DESCRIPTION OF THE SAMPLING AND ANALYTICAL PROCEDURES TO BE USED.

C. THE SOURCE TESTS SHALL CONSIST OF, BUT MAY NOT BE LIMITED TO, A TEST OF THE INLET AND EXHAUST OF THE REGENERATIVE THERMAL OXIDIZER FOR:

(1) VOLATILE ORGANIC COMPOUNDS (VOC) IN PPMV AND LBS/HR
(2) OXIDES OF NITROGEN (NO_X) IN PPMV AND LBS/HR (OXIDIZER EXHAUST ONLY)
(3) CARBON MONOXIDE (CO) IN PPMV AND LBS/HR (OXIDIZER EXHAUST ONLY)
(4) VOC DESTRUCTION EFFICIENCY
(5) VOC-COLLECTION EFFICIENCY
(6) OXYGEN CONTENT
(7) MOISTURE CONTENT
(8) FLOW RATE
(9) TEMPERATURE

D. THE USAGE OF ALL VOC-CONTAINING MATERIALS (RESINS, COATINGS, SOLVENTS, ETC.),
[RULE 1303(a)(1)-BACT]

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11. THE SOURCE TEST SHALL BE CONDUCTED DURING NORMAL OPERATION WHILE THE OXIDIZER IS OPERATING AT A TEMPERATURE OF NOT LESS THAN THE MINIMUM OPERATING TEMPERATURE SPECIFIED IN THIS PERMIT. THE OPERATING TEMPERATURE IN THE COMBUSTION CHAMBER AND WHETHER OR NOT GAS INJECTION IS ON OR OFF SHALL BE RECORDED DURING THE ENTIRE TESTING PERIOD AND INCLUDED IN THE SOURCE TEST REPORT. IF THE OPERATING TEMPERATURE DURING THE SOURCE TEST IS GREATER THAN THE MINIMUM OPERATING TEMPERATURE SPECIFIED IN THIS PERMIT, THE MINIMUM OPERATING TEMPERATURE MAY BE INCREASED AT THE TIME A PERMIT TO OPERATE IS ISSUED TO REFLECT THE OPERATING TEMPERATURE DURING THE SOURCE TEST.

    A. IN ADDITION TO THE TEST DURING NORMAL OPERATION, A SOURCE TEST FOR NOx AND CO EMISSIONS SHALL ALSO BE CONDUCTED DURING THE START-UP OF THE OXIDIZER (WHEN THE START-UP BURNER IS OPERATING) BEFORE THE PROCESS AIR STREAM FROM THE COATING OPERATIONS IS INTRODUCED INTO THE OXIDIZER.

    B. A WRITTEN NOTICE OF THE SOURCE TESTS SHALL BE SUBMITTED TO THE DISTRICT ENGINEER AT LEAST 14 DAYS PRIOR TO THE SOURCE TESTING DATE SO THAT AN OBSERVER FROM THE DISTRICT MAY BE PRESENT.

    C. TWO COMPLETE COPIES OF THE SOURCE TEST REPORT SHALL BE SUBMITTED TO THE DISTRICT ENGINEER WITHIN 45 DAYS AFTER THE SOURCE TESTING DATE. THE SOURCE TEST REPORT SHALL INCLUDE, BUT MAY NOT BE LIMITED TO, ALL TESTING DATA REQUIRED BY THIS PERMIT.

    D. A TESTING LABORATORY CERTIFIED BY THE CALIFORNIA AIR RESOURCES BOARD IN THE REQUIRED TEST METHODS FOR CRITERIA POLLUTANTS TO BE MEASURED, AND IN COMPLIANCE WITH DISTRICT RULE 304 (NO CONFLICT OF INTEREST) SHALL CONDUCT THE TESTS.

    E. SAMPLING FACILITIES SHALL COMPLY WITH THE DISTRICT GUIDELINES FOR CONSTRUCTION OF SAMPLING AND TESTING FACILITIES, PURSUANT TO RULE 217.

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

12. THE OWNER OR OPERATOR OF THIS EQUIPMENT SHALL SUBMIT THE RESULTS OF ALL TESTS (INCLUDING PRELIMINARY TESTS) THAT ARE CONDUCTED ON THIS EQUIPMENT FOR INFORMATIONAL PURPOSES TO THE DISTRICT ENGINEER WITHIN 45 DAYS AFTER THE TESTING DATE.
    [RULE 1303(a)(1)-BACT]

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Periodic Monitoring:

13. THE OPERATOR SHALL CONDUCT SOURCE TEST(S) IN ACCORDANCE WITH THE FOLLOWING SPECIFICATIONS:

    A. THE TEST SHALL BE CONDUCTED AT LEAST ONCE DURING THE LIFE OF THE PERMIT.

    B. THE TEST SHALL BE CONDUCTED NO LATER THAN FEBRUARY 4, 2016 UNLESS OTHERWISE APPROVED IN WRITING BY THE DISTRICT.

    C. THE TEST SHALL BE CONDUCTED TO DETERMINE THE VOC EMISSIONS USING AN

FACILITY PERMIT TO OPERATE
ROBINSON HELICOPTER CO INC

APPROVED DISTRICT METHOD TO DEMONSTRATE COMPLIANCE WITH ALL APPLICABLE PERMIT CONDITION(S), RULES AND REGULATIONS.

D. THE SOURCE TEST SHALL BE CONDUCTED WHILE THE OXIDIZER IS OPERATING AT A TEMPERATURE OF NOT LESS THAN THE MINIMUM OPERATING TEMPERATURE SPECIFIED IN THIS PERMIT. IF THE OPERATING TEMPERATURE DURING THE SOURCE TEST IS GREATER THAN THE MINIMUM OPERATING TEMPERATURE SPECIFIED IN THIS PERMIT, THE MINIMUM OPERATING TEMPERATURE SPECIFIED IN THIS PERMIT MAY BE INCREASED TO REFLECT THE OPERATING TEMPERATURE DURING THE SOURCE TEST.

E. THE OPERATOR SHALL COMPLY WITH ADMINISTRATIVE CONDITIONS NOs. 8, 9, AND 10 OF SECTION E OF THIS FACILITY PERMIT.

F. THE OPERATOR SHALL SUBMIT TWO COMPLETE COPIES OF THE SOURCE TEST REPORT SPECIFIED IN CONDITION NO. 9 OF SECTION E OF THIS FACILITY PERMIT TO THE DISTRICT ENGINEERING AND COMPLIANCE DIVISION. THE ENGINEERING COPY OF THE REPORT SHALL BE SENT TO: SOUTH COAST AIR QUALITY MANAGEMENT DISTRICT, COATING, PRINTING AND AEROSPACE OPERATIONS, ATTN: AIR QUALITY AND COMPLIANCE SUPERVISOR, 21865 COPLEY DRIVE, DIAMOND BAR, CA 91765. THE COMPLIANCE COPY OF THE REPORT SHALL BE SENT TO: SOUTH COAST AIR QUALITY MANAGEMENT DISTRICT, P.O. BOX 4941, DIAMOND BAR, CA 91765

[RULE 3004(a)(4)]

Emissions and Requirements:

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

CO: 2000 PPMV, RULE 407
PM: 0.1 GR/SCF, RULE 409
PM: RULE 404, SEE APPENDIX B FOR EMISSION LIMITS
NOx: 60 PPM, RULE 1147

FACILITY PERMIT TO OPERATE
ROBINSON HELICOPTER CO INC

PERMIT TO CONSTRUCT

A/N 523892
Granted as of
February 3, 2012

Equipment Description:

MODIFICATION TO SPRAY BOOTH #4, OPERATING UNDER PERMIT NO. F86451, A/N 461233 CONSISTING OF:

SPRAY BOOTH #4, BINKS AUTOMOTIVE TYPE, MODEL NUMBER CA-533-TLO, 14'-0" W. X 42'-10" L. X 12'-0" H., WITH FIRST STAGE 20" X 20" OSM FILTERS, SECOND STAGE OSM-100 FILTERS, AND THIRTY TWO THIRD-STAGE 20" X 20" P.E. CELL FILTERS BY AIR TECHNOLOGIES INC., AND ONE 1,750,000 BTU PER HOUR NATURAL GAS FIRED HEATER, AND ONE 7.5 H.P. EXHAUST FAN 16,400 SCFM CAPACITY.

BY THE REPLACEMENT OF THE NATURAL GAS FIRED HEATER WITH:

TWO 1,000,000 BTU/HR EACH MIDCO LNB 1000 LOW-NOx NATURAL GAS-FIRED BURNERS.

Conditions:

1. OPERATION OF THIS EQUIPMENT SHALL BE CONDUCTED IN ACCORDANCE WITH ALL DATA AND SPECIFICATIONS SUBMITTED WITH THE APPLICATION UNDER WHICH THIS PERMIT IS ISSUED UNLESS OTHERWISE NOTED BELOW.
[RULE 204]

2. THIS EQUIPMENT SHALL BE PROPERLY MAINTAINED AND KEPT IN GOOD OPERATING CONDITION AT ALL TIMES.
[RULE 204]

3. THIS SPRAY BOOTH SHALL NOT BE OPERATED UNLESS ALL EXHAUST AIR PASSES THROUGH THE THREE STAGE FILTER SYSTEM.
[RULE 1303(a)(1)-BACT]

4. A GAUGE SHALL BE INSTALLED TO INDICATE IN INCHES OF WATER THE STATIC PRESSURE DIFFERENTIAL ACROSS THE THREE STAGE FILTER SYSTEM. IN OPERATION, THE PRESSURE DIFFERENTIAL SHALL NOT EXCEED 1.85 INCHES OF WATER.
[RULE 1303(a)(1)-BACT]

5. THE TOTAL QUANTITY OF VOLATILE ORGANIC COMPOUND (VOC) EMISSIONS FROM THIS EQUIPMENT SHALL NOT EXCEED 80 POUNDS IN ANY ONE DAY.
[RULE 1303(b)(2)-OFFSET]

6. THE TOTAL QUANTITY OF METHYLENE CHLORIDE USED IN THIS EQUIPMENT SHALL NOT EXCEED TWO HUNDRED POUNDS IN ANY CALENDAR MONTH.
[RULE 1401]

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7. MATERIALS USED IN THIS EQUIPMENT SHALL NOT CONTAIN ANY COMPOUNDS IDENTIFIED AS CARCINOGENIC AIR CONTAMINANTS IN RULE 1401 AS AMENDED DECEMBER 7, 1990, WITH EXCEPTION OF METHYLENE CHLORIDE.
[RULE 1401]

8. IN ADDITION TO THE RECORDKEEPING REQUIREMENT OF RULE 109, THE OPERATOR SHALL KEEP ADEQUATE RECORDS FOR THIS EQUIPMENT TO VERIFY DAILY VOLATILE ORGANIC COMPOUND (VOC), EMISSIONS IN POUNDS AND THE VOC CONTENT OF EACH MATERIAL AS APPLIED (INCLUDING WATER AND EXEMPT COMPOUNDS). ALL RECORDS SHALL BE PREPARED IN A FORMAT WHICH IS ACCEPTABLE TO THE DISTRICT, SHALL BE RETAINED ON THE PREMISES FOR AT LEAST FIVE YEARS, AND SHALL BE MADE AVAILABLE UPON REQUEST OF THE EXECUTIVE OFFICER OR HIS REPRESENTATIVE.
[RULE 109, 1303(b)(2)-OFFSET]

9. THE OPERATOR SHALL TEST THIS EQUIPMENT IN ACCORDANCE WITH THE FOLLOWING SPECIFICATIONS:

   A. THE SOURCE TEST SHALL BE CONDUCTED NO LATER THAN 180 DAYS AFTER THE INITIAL START-UP OF THIS EQUIPMENT AFTER THE MODIFICATION IS COMPLETE UNLESS OTHERWISE APPROVED IN WRITING BY THE DISTRICT.

   B. A SOURCE TEST PROTOCOL SHALL BE SUBMITTED TO THE DISTRICT NO LATER THAN 60 DAYS AFTER THE INITIAL START-UP OF THIS EQUIPMENT UNLESS OTHERWISE APPROVED IN WRITING BY THE DISTRICT. THE TEST PROTOCOL SHALL BE APPROVED IN WRITING BY THE DISTRICT BEFORE THE TEST COMMENCES.

   C. THE TEST PROTOCOL SHALL INCLUDE THE PROPOSED OPERATING CONDITIONS OF THE EQUIPMENT DURING THE TEST, THE IDENTITY OF THE TESTING LABORATORY, A STATEMENT FROM THE TESTING LABORATORY CERTIFYING THAT IT MEETS THE CRITERIA IN DISTRICT RULE 304(K), AND A DESCRIPTION OF THE SAMPLING AND ANALYTICAL PROCEDURES TO BE USED.

   D. THE SOURCE TESTS SHALL CONSIST OF, BUT MAY NOT BE LIMITED TO, TESTING OF THE BURNER NO_X AND CO EMISSIONS, REFERENCED AT 3 PERCENT VOLUME STACK GAS OXYGEN ON A DRY BASIS, DURING AS-FOUND OPERATING CONDITIONS OF EACH BURNER.

   E. THE SOURCE TESTS SHALL CONSIST OF, BUT MAY NOT BE LIMITED TO, TESTING OF THE BURNER NO_X AND CO EMISSIONS, REFERENCED AT 3 PERCENT VOLUME STACK GAS OXYGEN ON A DRY BASIS, WHILE THE BURNER IS OPERATED BELOW 25% OF THE MAXIMUM RATED INPUT HEAT CAPACITY.

   F. NO_X AND CO EMISSION DETERMINATION SHALL BE AVERAGED OVER A PERIOD OF AT LEAST 15 AND NO MORE THAN 60 CONSECUTIVE MINUTES, AND AT LEAST 15 MINUTES AFTER UNIT START-UP.

   G. A WRITTEN NOTICE OF THE SOURCE TESTS SHALL BE SUBMITTED TO THE DISTRICT AT LEAST 14 DAYS PRIOR TO THE SOURCE TESTING DATE SO THAT AN OBSERVER FROM THE DISTRICT MAY BE PRESENT.

   H. TWO COMPLETE COPIES OF THE SOURCE TEST REPORT SHALL BE SUBMITTED TO THE DISTRICT WITHIN 45 DAYS AFTER SOURCE TESTING DATE UNLESS OTHERWISE APPROVED IN WRITING BY THE DISTRICT. THE SOURCE TEST REPORT SHALL INCLUDE, BUT MAY NOT BE LIMITED TO, ALL TESTING DATA REQUIRED BY THIS CONDITION.

FACILITY PERMIT TO OPERATE
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I. A TESTING LABORATORY CERTIFIED BY THE CALIFORNIA AIR RESOURCES BOARD IN THE REQUIRED TEST METHODS FOR THE CRITERIA POLLUTANTS TO BE MEASURED, AND IN COMPLIANCE WITH DISTRICT RULE 304 (NO CONFLICT OF INTEREST) SHALL CONDUCT THE TEST.

J. SAMPLING FACILITIES SHALL COMPLY WITH THE DISTRICT GUIDELINES FOR CONSTRUCTION OF SAMPLING AND TESTING FACILITIES, PURSUANT TO RULE 217.

K. THE RESULTS OF ALL TESTS (INCLUDING PRELIMINARY TESTS) THAT ARE CONDUCTED ON THIS EQUIPMENT FOR INFORMATIONAL PURPOSES SHALL BE SUBMITTED TO THE DISTRICT WITHIN 45 DAYS AFTER THE TESTING DATE UNLESS OTHERWISE APPROVED IN WRITING BY THE DISTRICT.

[RULE 1147]

Periodic Monitoring:

10. 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)]

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

Emissions and Requirements:

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

VOC: RULE 1124, SEE APPENDIX B FOR EMISSION LIMITS
VOC: RULE 1171, SEE APPENDIX B FOR EMISSION LIMITS
VOC: RULE 109
HAP: 40 CFR 63 SUBPART GG, SEE SECTION J FOR REQUIREMENTS
PM: RULE 404, SEE APPENDIX B FOR EMISSION LIMITS
PM: 0.1 gr/scf, RULE 409
CO: 2000 PPM, RULE 407
PM: RULE 481
NOx: 30 PPM, RULE 1147

FACILITY PERMIT TO OPERATE
ROBINSON HELICOPTER CO INC

PERMIT TO CONSTRUCT

A/N 525093
Granted as of
February 3, 2012

Equipment Description:

MODIFICATION TO SPRAY BOOTH #3, OPERATING UNDER PERMIT NO. F86452, A/N 461234 CONSISTING OF:

SPRAY BOOTH #3, BINKS MODEL NUMBER CWE-16-THL, FLOOR TYPE, 16'-0" W. X 12'-7" L. X 7'-10" H., WITH A CONVEYOR, 48-KW DRYING OVEN, 3-STAGE DRY FILTERS BY AIR TECHNOLOGIES INC., AND ONE 7.5 HP EXHAUST BLOWER, 17000 SCFM.

BY THE REMOVAL OF THE 48-KW DRYING OVEN

AND THE ADDITION OF:

TWO 1,000,000 BTU/HR EACH MIDCO LNB 1000 LOW-NOx NATURAL GAS-FIRED BURNERS.

Conditions:

1. OPERATION OF THIS EQUIPMENT SHALL BE CONDUCTED IN ACCORDANCE WITH ALL DATA AND SPECIFICATIONS SUBMITTED WITH THE APPLICATION UNDER WHICH THIS PERMIT IS ISSUED UNLESS OTHERWISE NOTED BELOW.
[RULE 204]

2. THIS EQUIPMENT SHALL BE PROPERLY MAINTAINED AND KEPT IN GOOD OPERATING CONDITION AT ALL TIMES.
[RULE 204]

3. THIS SPRAY BOOTH SHALL NOT BE OPERATED UNLESS ALL EXHAUST AIR PASSES THROUGH THE 3-STAGE DRY FILTER SYSTEM.
[RULE 1303(a)(1)-BACT]

4. A GAUGE SHALL BE INSTALLED TO INDICATE, IN INCHES OF WATER, THE STATIC PRESSURE DIFFERENTIAL ACROSS THE THREE STAGE FILTER SYSTEM WHICH SHALL NOT EXCEED 1.85 INCHES OF WATER WHEN THE SPRAY BOOTH IS IN OPERATION.
[RULE 1303(a)(1)-BACT]

5. THE TOTAL QUANTITY OF VOLATILE ORGANIC COMPOUND (VOC) EMISSIONS FROM THIS EQUIPMENT SHALL NOT EXCEED 80 POUNDS IN ANY ONE DAY.
[RULE 1303(b)(2)-OFFSET]

6. THE OPERATOR SHALL TEST THIS EQUIPMENT IN ACCORDANCE WITH THE FOLLOWING SPECIFICATIONS:

FACILITY PERMIT TO OPERATE
ROBINSON HELICOPTER CO INC

A. THE SOURCE TEST SHALL BE CONDUCTED NO LATER THAN 180 DAYS AFTER THE INITIAL START-UP OF THIS EQUIPMENT AFTER THE MODIFICATION IS COMPLETE UNLESS OTHERWISE APPROVED IN WRITING BY THE DISTRICT.

B. A SOURCE TEST PROTOCOL SHALL BE SUBMITTED TO THE DISTRICT NO LATER THAN 60 DAYS AFTER THE INITIAL START-UP OF THIS EQUIPMENT UNLESS OTHERWISE APPROVED IN WRITING BY THE DISTRICT. THE TEST PROTOCOL SHALL BE APPROVED IN WRITING BY THE DISTRICT BEFORE THE TEST COMMENCES.

C. THE TEST PROTOCOL SHALL INCLUDE THE PROPOSED OPERATING CONDITIONS OF THE EQUIPMENT DURING THE TEST, THE IDENTITY OF THE TESTING LABORATORY, A STATEMENT FROM THE TESTING LABORATORY CERTIFYING THAT IT MEETS THE CRITERIA IN DISTRICT RULE 304(K), AND A DESCRIPTION OF THE SAMPLING AND ANALYTICAL PROCEDURES TO BE USED.

D. THE SOURCE TESTS SHALL CONSIST OF, BUT MAY NOT BE LIMITED TO, TESTING OF THE BURNER NO_X AND CO EMISSIONS, REFERENCED AT 3 PERCENT VOLUME STACK GAS OXYGEN ON A DRY BASIS, DURING AS-FOUND OPERATING CONDITIONS OF EACH BURNER.

E. THE SOURCE TESTS SHALL CONSIST OF, BUT MAY NOT BE LIMITED TO, TESTING OF THE BURNER NO_X AND CO EMISSIONS, REFERENCED AT 3 PERCENT VOLUME STACK GAS OXYGEN ON A DRY BASIS, WHILE THE BURNER IS OPERATED BELOW 25% OF THE MAXIMUM RATED INPUT HEAT CAPACITY.

F. NO_X AND CO EMISSION DETERMINATION SHALL BE AVERAGED OVER A PERIOD OF AT LEAST 15 AND NO MORE THAN 60 CONSECUTIVE MINUTES, AND AT LEAST 15 MINUTES AFTER UNIT START-UP.

G. A WRITTEN NOTICE OF THE SOURCE TESTS SHALL BE SUBMITTED TO THE DISTRICT AT LEAST 14 DAYS PRIOR TO THE SOURCE TESTING DATE SO THAT AN OBSERVER FROM THE DISTRICT MAY BE PRESENT.

H. TWO COMPLETE COPIES OF THE SOURCE TEST REPORT SHALL BE SUBMITTED TO THE DISTRICT WITHIN 45 DAYS AFTER SOURCE TESTING DATE UNLESS OTHERWISE APPROVED IN WRITING BY THE DISTRICT. THE SOURCE TEST REPORT SHALL INCLUDE, BUT MAY NOT BE LIMITED TO, ALL TESTING DATA REQUIRED BY THIS CONDITION.

I. A TESTING LABORATORY CERTIFIED BY THE CALIFORNIA AIR RESOURCES BOARD IN THE REQUIRED TEST METHODS FOR THE CRITERIA POLLUTANTS TO BE MEASURED, AND IN COMPLIANCE WITH DISTRICT RULE 304 (NO CONFLICT OF INTEREST) SHALL CONDUCT THE TEST.

J. SAMPLING FACILITIES SHALL COMPLY WITH THE DISTRICT GUIDELINES FOR CONSTRUCTION OF SAMPLING AND TESTING FACILITIES, PURSUANT TO RULE 217.

K. THE RESULTS OF ALL TESTS (INCLUDING PRELIMINARY TESTS) THAT ARE CONDUCTED ON THIS EQUIPMENT FOR INFORMATIONAL PURPOSES SHALL BE SUBMITTED TO THE DISTRICT WITHIN 45 DAYS AFTER THE TESTING DATE UNLESS OTHERWISE APPROVED IN WRITING BY THE DISTRICT.

[RULE 1147]

7. MATERIALS USED IN THIS EQUIPMENT SHALL NOT CONTAIN ANY COMPOUNDS IDENTIFIED AS CARCINOGENIC AIR CONTAMINANTS IN RULE 1401, AS AMENDED DECEMBER 7, 1990.
[RULE 1401]

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ROBINSON HELICOPTER CO INC

8. IN ADDITION TO THE RECORDKEEPING REQUIREMENT OF RULE 109, THE OPERATOR SHALL KEEP ADEQUATE RECORDS FOR THIS EQUIPMENT TO VERIFY DAILY VOLATILE ORGANIC COMPOUND (VOC), EMISSIONS IN POUNDS AND THE VOC CONTENT OF EACH MATERIAL AS APPLIED (INCLUDING WATER AND EXEMPT COMPOUNDS). ALL RECORDS SHALL BE PREPARED IN A FORMAT WHICH IS ACCEPTABLE TO THE DISTRICT, SHALL BE RETAINED ON THE PREMISES FOR AT LEAST FIVE YEARS, AND SHALL BE MADE AVAILABLE UPON REQUEST OF THE EXECUTIVE OFFICER OR HIS REPRESENTATIVE.
[RULE 109, 1303(b)(2)-OFFSET]

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 FILTER 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 1124, SEE APPENDIX B FOR EMISSION LIMITS
VOC:	RULE 1171, SEE APPENDIX B FOR EMISSION LIMITS
VOC:	RULE 109
HAP:	40 CFR 63 SUBPART GG, SEE SECTION J FOR REQUIREMENTS
PM:	RULE 404, SEE APPENDIX B FOR EMISSION LIMITS
PM:	0.1 GR/SCF, RULE 409
PM:	RULE 481
CO:	2000 PPM, RULE 407
NOx:	30 PPM, RULE 1147

FACILITY PERMIT TO OPERATE
ROBINSON HELICOPTER CO INC

PERMIT TO CONSTRUCT

A/N 525094
Granted as of
February 3, 2012

Equipment Description:

AIR POLLUTION CONTROL SYSTEM, CONSISTING OF:

1. DUST COLLECTOR, PRO FINISH, MODEL NO. PF7272, WITH TWO 13" DIA X 26" L. CARTRIDGE-TYPE FILTERS, 452 SQ. FT. TOTAL FILTER AREA,

2. EXHAUST SYSTEM WITH ONE 5- H.P. BLOWER, VENTING AN ABRASIVE BLASTING SYSTEM.

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 EQUIPMENT SHALL BE DISCHARGED ONLY INTO CLOSED CONTAINERS.
[RULE 1303(a)(1)-BACT]

4. A GAUGE SHALL BE INSTALLED AND MAINTAINED TO INDICATE, IN INCHES WATER COLUMN, THE STATIC PRESSURE DIFFERENTIAL ACROSS THE FILTERS.
[RULE 1303(a)(1)-BACT]

5. THE STATIC PRESSURE DIFFERENTIAL ACROSS THE FILTERS SHALL NOT EXCEED 4 INCHES OF WATER COLUMN.
[RULE 1303(a)(1)-BACT]

Periodic Monitoring:

6. THE OPERATOR SHALL PERFORM AN ANNUAL INSPECTION OF THE EQUIPMENT AND FILTER MEDIA FOR LEAKS, BROKEN OR TORN FILTER MEDIA AND IMPROPERLY INSTALLED FILTER MEDIA. THE OPERATOR SHALL KEEP RECORDS, IN A MANNER APPROVED BY THE DISTRICT, FOR THE FOLLOWING PARAMETER(S) OR ITEM(S):

   A. THE NAME OF THE PERSON PERFORMING THE INSPECTION AND/OR MAINTENANCE OF THE FILTER MEDIA;

   B. THE DATE, TIME AND RESULTS OF THE INSPECTION; AND

FACILITY PERMIT TO OPERATE
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C. THE DATE, TIME AND DESCRIPTION OF ANY MAINTENANCE OR REPAIRS RESULTING FROM THE INSPECTION.
[RULE 3004(a)(4)]

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

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

A. STACK OR EMISSION POINT IDENTIFICATION;

B. DESCRIPTION OF ANY CORRECTIVE ACTIONS TAKEN TO ABATE VISIBLE EMISSIONS; AND

C. DATE AND TIME VISIBLE EMISSION WAS ABATED.
[RULE 3004 (a)(4)]

Emissions and Requirements:

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

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

FACILITY PERMIT TO OPERATE
ROBINSON HELICOPTER CO INC

PERMIT TO CONSTRUCT

A/N 525095
Granted as of
February 3, 2012

Equipment Description:

ABRASIVE BLASTING SYSTEM, CONSISTING OF:

1. BLASTING CABINET, EMPIRE, MODEL NO. CDC-12, 2'-10" L. X 2'-3" W. X 11'-8" H.,
2. ONE NOZZLE, 7/16" DIA.
3. PLANT AIR, SUPPLIED AT 100 PSI MAXIMUM.

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 AN AIR POLLUTION CONTROL SYSTEM WHICH HAS BEEN ISSUED A VALID PERMIT BY THE DISTRICT.
[RULE 1303(a)(1)-BACT]

4. ONLY ALUMINUM OXIDE ABRASIVE MEDIA SHALL BE USED IN THIS EQUIPMENT.
[RULE 1303 (b)(2)-OFFSET]

5. MATERIALS PROCESSED IN THIS EQUIPMENT SHALL NOT CONTAIN ANY TOXIC AIR CONTAMINANTS IDENTIFIED IN RULE 1401, TABLE I, WITH AN EFFECTIVE DATE OF SEPTEMBER 10, 2010 OR EARLIER EXCEPT FOR CHROMIUM (CAS NO. 18540-29-9), COPPER (CAS NO. 7440-50-8), LEAD (CAS NO. 7439-92-1), MANGANESE (CAS NO. 7439-96-5), AND NICKEL (CAS NO. 7440-02-0).
[RULE 1401]

6. THE CONCENTRATION OF CHROMIUM IN THE MATERIALS BEING BLASTED SHALL NOT EXCEED 12 PERCENT BY WEIGHT.
[RULE 1401]

7. THE CONCENTRATION OF NICKEL IN THE MATERIALS BEING BLASTED SHALL NOT EXCEED 10 PERCENT BY WEIGHT.
[RULE 1401]

FACILITY PERMIT TO OPERATE
ROBINSON HELICOPTER CO INC

Periodic Monitoring:

8. THE OPERATOR SHALL CONDUCT AN INSPECTION FOR VISIBLE EMISSIONS FROM ALL STACKS AND OTHER EMISSION POINTS OF THIS EQUIPMENT WHENEVER THERE IS A PUBLIC COMPLAINT OF VISIBLE EMISSIONS, WHENEVER VISIBLE EMISSIONS ARE OBSERVED, AND ON 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:

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

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

FACILITY PERMIT TO OPERATE
ROBINSON HELICOPTER CO INC

PERMIT TO CONSTRUCT

A/N 534346
Granted as of
July 6, 2012

Equipment Description:

AIR POLLUTION CONTROL SYSTEM CONSISTING OF:

1. THERMAL OXIDIZER, REGENERATIVE TYPE, ADWEST TECHNOLOGIES, MODEL RETOX 18.0 RTO97, 26'-10" L. X 21'-6" W. X 11'-2" H., 18,000 SCFM CAPACITY WITH A 5.2 MMBTU PER HOUR STARTER BURNER, A 2.7 MM BTU PER HOUR GAS INJECTION SYSTEM, 2 CERAMIC BEDS, A 5 HP COMBUSTION BLOWER, AND A COIL MEDIA HEAT EXCHANGER.

2. EXHAUST SYSTEM WITH ONE 100 HP FAN VENTING THREE SPRAY BOOTHS AND THREE DRYING OVENS (A/NOS: 534647, 534348, 534349, 534350, 534351, 534352), ALL OPERATING AS PERMANENT TOTAL ENCLOSURES

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

4. THE OPERATOR SHALL OPERATE AND MAINTAIN THIS EQUIPMENT ACCORDING TO THE FOLLOWING REQUIREMENTS:

   THE COMBUSTION CHAMBER TEMPERATURE SHALL BE MAINTAINED AT A MINIMUM OF 1,500 DEGREES FAHRENHEIT WHENEVER THE EQUIPMENT IT SERVES IS IN OPERATION.

   THE OPERATOR SHALL OPERATE AND MAINTAIN A TEMPERATURE MEASURING AND RECORDING SYSTEM TO CONTINUOUSLY MEASURE AND RECORD THE COMBUSTION CHAMBER TEMPERATURE PURSUANT TO THE OPERATION AND MAINTENANCE REQUIREMENTS SPECIFIED IN 40 CFR PART 64.7. SUCH A SYSTEM SHALL HAVE AN ACCURACY OF WITHIN 1% OF THE TEMPERATURE BEING MONITORED AND SHALL BE INSPECTED, MAINTAINED, AND CALIBRATED ON AN ANNUAL BASIS IN ACCORDANCE WITH THE MANUFACTURER'S SPECIFICATIONS.

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FOR THE PURPOSE OF THIS CONDITION, A DEVIATION SHALL BE DEFINED AS WHEN A COMBUSTION CHAMBER TEMPERATURE OF LESS THAN 1,500 DEGREES FAHRENHEIT OCCURS DURING NORMAL OPERATION OF THE EQUIPMENT IT SERVES. THE OPERATOR SHALL REVIEW THE RECORDS OF THE COMBUSTION CHAMBER TEMPERATURE ON A DAILY BASIS TO DETERMINE IF A DEVIATION OCCURS OR SHALL INSTALL AN ALARM SYSTEM TO ALERT THE OPERATOR WHEN A DEVIATION OCCURS.

WHENEVER A DEVIATION OCCURS, THE OPERATOR SHALL INSPECT THIS EQUIPMENT TO IDENTIFY THE CAUSE OF SUCH A DEVIATION, TAKE IMMEDIATE CORRECTIVE ACTION TO MAINTAIN THE COMBUSTION CHAMBER TEMPERATURE AT OR ABOVE 1,500 DEGREES FAHRENHEIT, AND KEEP RECORDS OF THE DURATION AND CAUSE (INCLUDING UNKNOWN CAUSE, IF APPLICABLE) OF THE DEVIATION AND THE CORRECTIVE ACTION TAKEN.

ALL DEVIATIONS SHALL BE REPORTED TO THE AQMD PURSUANT TO THE REQUIREMENTS SPECIFIED IN 40 CFR PART 64.9 AND CONDITION NOS. 22 AND 23 IN SECTION K OF THIS PERMIT. THE REPORT SHALL INCLUDE THE TOTAL OPERATING TIME OF THIS EQUIPMENT AND THE TOTAL ACCUMULATED DURATION OF ALL DEVIATIONS FOR EACH SEMI-ANNUAL REPORTING PERIOD SPECIFIED IN CONDITION NO. 23 IN SECTION K OF THIS PERMIT.

THE OPERATOR SHALL SUBMIT AN APPLICATION WITH A QUALITY IMPROVEMENT PLAN (QIP) IN ACCORDANCE WITH 40 CFR PART 64.8 TO THE AQMD IF AN ACCUMULATION OF DEVIATIONS EXCEEDS 5 PERCENT DURATION OF THIS EQUIPMENT'S TOTAL OPERATING TIME FOR ANY SEMI-ANNUAL REPORTING PERIOD SPECIFIED IN CONDITION NO. 23 IN SECTION K OF THIS PERMIT. THE REQUIRED QIP SHALL BE SUBMITTED TO THE AQMD WITHIN 90 CALENDAR DAYS AFTER THE DUE DATE FOR THE SEMI-ANNUAL MONITORING REPORT.

THE OPERATOR SHALL INSPECT AND MAINTAIN ALL COMPONENTS OF THIS EQUIPMENT ON AN ANNUAL BASIS IN ACCORDANCE WITH THE MANUFACTURER'S SPECIFICATIONS.

THE OPERATOR SHALL KEEP ADEQUATE RECORDS IN A FORMAT THAT IS ACCEPTABLE TO THE AQMD TO DEMONSTRATE COMPLIANCE WITH ALL APPLICABLE REQUIREMENTS SPECIFIED IN THIS CONDITION AND 40 CFR PART 64.9 FOR A MINIMUM OF FIVE YEARS.
[RULE 1303(a)(1)-BACT, RULE 3004(a)(4)-PERIODIC MONITORING, 40CFR Part 64]

5. THE TEMPERATURE INDICATOR AND A DATA RECORDER SHALL BE IN OPERATION WHENEVER THE EQUIPMENT IT SERVES IS IN OPERATION.
[RULE 1303(a)(1)-BACT]

6. THE TEMPERATURE INDICATOR SHALL BE PROPERLY CALIBRATED AND MAINTAINED IN GOOD OPERATING CONDITION.
[RULE 1303(a)(1)-BACT]

7. ALL ACCESS DOORS TO THE PERMANENT TOTAL ENCLOSURES SHALL BE KEPT CLOSED DURING NORMAL OPERATIONS.
[RULE 1303(a)(1)-BACT]

8. THE OPERATOR SHALL OPERATE AND MAINTAIN THIS EQUIPMENT TO ACHIEVE A VOC DESTRUCTION EFFICIENCY OF AT LEAST 95% BY WEIGHT WHENEVER THE EQUIPMENT IT SERVES IS IN OPERATION.
[RULE 1303(a)(1)-BACT, 1303(b)(2)-OFFSET]

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9. THE OPERATOR SHALL OPERATE AND MAINTAIN THIS EQUIPMENT TO ACHIEVE AN OVERALL VOC CONTROL EFFICIENCY OF AT LEAST 95%.
[RULE 1303(a)(1)-BACT, 1303(b)(2)-OFFSET]

10. THE OWNER OR OPERATOR OF THIS EQUIPMENT SHALL CONDUCT SOURCE TESTS UNDER THE FOLLOWING CONDITIONS TO DEMONSTRATE COMPLIANCE WITH THE PERMIT CONDITIONS:

A. THE SOURCE TESTS SHALL BE CONDUCTED NO LATER THAN 180 DAYS AFTER THE INITIAL START-UP OF THE REGENERATIVE THERMAL OXIDIZER AFTER THE MODIFICATION IS COMPLETE UNLESS OTHERWISE APPROVED IN WRITING BY THE DISTRICT.

B. A SOURCE TEST PROTOCOL SHALL BE SUBMITTED TO THE DISTRICT ENGINEER, NO LATER THAN 60 DAYS AFTER THE INITIAL START-UP OF THE REGENERATIVE THERMAL OXIDIZER UNLESS OTHERWISE APPROVED IN WRITING BY THE DISTRICT. THE TEST PROTOCOL SHALL BE APPROVED IN WRITING BY THE DISTRICT BEFORE THE TEST COMMENCES. THE TEST PROTOCOL SHALL INCLUDE THE COMPLETED DISTRICT FORMS ST-1 AND ST-2 SPECIFYING THE PROPOSED OPERATING CONDITIONS OF THE EQUIPMENT DURING THE TEST, THE IDENTITY OF THE TESTING LABORATORY, A STATEMENT FROM THE TESTING LABORATORY CERTIFYING IT MEETS THE CRITERIA IN DISTRICT RULE 304(k), AND A DESCRIPTION OF THE SAMPLING AND ANALYTICAL PROCEDURES TO BE USED.

C. THE SOURCE TESTS SHALL CONSIST OF, BUT MAY NOT BE LIMITED TO, A TEST OF THE INLET AND EXHAUST OF THE REGENERATIVE THERMAL OXIDIZER FOR:

(1) VOLATILE ORGANIC COMPOUNDS (VOC) IN PPMV AND LBS/HR
(2) OXIDES OF NITROGEN (NO_X) IN PPMV AND LBS/HR (OXIDIZER EXHAUST ONLY)
(3) CARBON MONOXIDE (CO) IN PPMV AND LBS/HR (OXIDIZER EXHAUST ONLY)
(4) VOC DESTRUCTION EFFICIENCY
(5) VOC-COLLECTION EFFICIENCY
(6) OXYGEN CONTENT
(7) MOISTURE CONTENT
(8) FLOW RATE
(9) TEMPERATURE

D. THE TEST SHALL BE CONDUCTED TO VERIFY THAT THE PERMANENT TOTAL ENCLOSURE (PTE) COMPLY WITH THE REQUIREMENTS UNDER EPA METHOD 204.

E. THE USAGE OF ALL VOC-CONTAINING MATERIALS (RESINS, COATINGS, SOLVENTS, ETC.),
[RULE 1303(a)(1)-BACT]

11. THE SOURCE TEST SHALL BE CONDUCTED DURING NORMAL OPERATION WHILE THE OXIDIZER IS OPERATING AT A TEMPERATURE OF NOT LESS THAN THE MINIMUM OPERATING TEMPERATURE SPECIFIED IN THIS PERMIT. THE OPERATING TEMPERATURE IN THE COMBUSTION CHAMBER AND WHETHER OR NOT GAS INJECTION IS ON OR OFF SHALL BE RECORDED DURING THE ENTIRE TESTING PERIOD AND INCLUDED IN THE SOURCE TEST REPORT. IF THE OPERATING TEMPERATURE DURING THE SOURCE TEST IS GREATER THAN THE MINIMUM OPERATING TEMPERATURE SPECIFIED IN THIS PERMIT, THE MINIMUM OPERATING TEMPERATURE MAY BE INCREASED AT THE TIME A PERMIT TO OPERATE IS ISSUED TO REFLECT THE OPERATING TEMPERATURE DURING THE SOURCE TEST.

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A. IN ADDITION TO THE TEST DURING NORMAL OPERATION, A SOURCE TEST FOR NOx AND CO EMISSIONS SHALL ALSO BE CONDUCTED DURING THE START-UP OF THE OXIDIZER (WHEN THE START-UP BURNER IS OPERATING) BEFORE THE PROCESS AIR STREAM FROM THE COATING OPERATIONS IS INTRODUCED INTO THE OXIDIZER.

B. A WRITTEN NOTICE OF THE SOURCE TESTS SHALL BE SUBMITTED TO THE DISTRICT ENGINEER AT LEAST 14 DAYS PRIOR TO THE SOURCE TESTING DATE SO THAT AN OBSERVER FROM THE DISTRICT MAY BE PRESENT.

C. TWO COMPLETE COPIES OF THE SOURCE TEST REPORT SHALL BE SUBMITTED TO THE DISTRICT ENGINEER WITHIN 45 DAYS AFTER THE SOURCE TESTING DATE. THE SOURCE TEST REPORT SHALL INCLUDE, BUT MAY NOT BE LIMITED TO, ALL TESTING DATA REQUIRED BY THIS PERMIT.

D. A TESTING LABORATORY CERTIFIED BY THE CALIFORNIA AIR RESOURCES BOARD IN THE REQUIRED TEST METHODS FOR CRITERIA POLLUTANTS TO BE MEASURED, AND IN COMPLIANCE WITH DISTRICT RULE 304 (NO CONFLICT OF INTEREST) SHALL CONDUCT THE TESTS.

E. SAMPLING FACILITIES SHALL COMPLY WITH THE DISTRICT GUIDELINES FOR CONSTRUCTION OF SAMPLING AND TESTING FACILITIES, PURSUANT TO RULE 217.

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

12. THE OWNER OR OPERATOR OF THIS EQUIPMENT SHALL SUBMIT THE RESULTS OF ALL TESTS (INCLUDING PRELIMINARY TESTS) THAT ARE CONDUCTED ON THIS EQUIPMENT FOR INFORMATIONAL PURPOSES TO THE DISTRICT ENGINEER WITHIN 45 DAYS AFTER THE TESTING DATE.
[RULE 1303(a)(1)-BACT]

Periodic Monitoring:

13. THE OPERATOR SHALL CONDUCT SOURCE TEST(S) IN ACCORDANCE WITH THE FOLLOWING SPECIFICATIONS:

A. THE TEST SHALL BE CONDUCTED AT LEAST ONCE DURING THE LIFE OF THE PERMIT.

B. THE TEST SHALL BE CONDUCTED NO LATER THAN FEBRUARY 4, 2016 UNLESS OTHERWISE APPROVED IN WRITING BY THE DISTRICT.

C. THE TEST SHALL BE CONDUCTED TO DETERMINE THE VOC EMISSIONS USING AN APPROVED DISTRICT METHOD TO DEMONSTRATE COMPLIANCE WITH ALL APPLICABLE PERMIT CONDITION(S), RULES AND REGULATIONS.

D. THE SOURCE TEST SHALL BE CONDUCTED WHILE THE OXIDIZER IS OPERATING AT A TEMPERATURE OF NOT LESS THAN THE MINIMUM OPERATING TEMPERATURE SPECIFIED IN THIS PERMIT. IF THE OPERATING TEMPERATURE DURING THE SOURCE TEST IS GREATER THAN THE MINIMUM OPERATING TEMPERATURE SPECIFIED IN THIS PERMIT, THE MINIMUM OPERATING TEMPERATURE SPECIFIED IN THIS PERMIT MAY BE INCREASED TO REFLECT THE OPERATING TEMPERATURE DURING THE SOURCE TEST.

E. THE OPERATOR SHALL COMPLY WITH ADMINISTRATIVE CONDITIONS NOs. 8, 9, AND 10 OF

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SECTION E OF THIS FACILITY PERMIT.

F. THE OPERATOR SHALL SUBMIT TWO COMPLETE COPIES OF THE SOURCE TEST REPORT SPECIFIED IN CONDITION NO. 9 OF SECTION E OF THIS FACILITY PERMIT TO THE DISTRICT ENGINEERING AND COMPLIANCE DIVISION. THE ENGINEERING COPY OF THE REPORT SHALL BE SENT TO: SOUTH COAST AIR QUALITY MANAGEMENT DISTRICT, COATING, PRINTING AND AEROSPACE OPERATIONS, ATTN: AIR QUALITY AND COMPLIANCE SUPERVISOR, 21865 COPLEY DRIVE, DIAMOND BAR, CA 91765. THE COMPLIANCE COPY OF THE REPORT SHALL BE SENT TO: SOUTH COAST AIR QUALITY MANAGEMENT DISTRICT, P.O. BOX 4941, DIAMOND BAR, CA 91765

[RULE 3004(a)(4)]

Emissions and Requirements:

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

CO:	2000 PPMV, RULE 407
PM:	0.1 GR/SCF, RULE 409
PM:	RULE 404, SEE APPENDIX B FOR EMISSION LIMITS
NOx:	60 PPMV, RULE 1147
NOx:	30 PPMV, RULE 1303(a)(1)-BACT

FACILITY PERMIT TO OPERATE
ROBINSON HELICOPTER CO INC

PERMIT TO CONSTRUCT

A/N 534347
Granted as of
July 6, 212

Equipment Description:

MODIFICATION OF DRYING OVEN #1, OPERATING UNDER P/C, A/N 525091, CONSISTING OF:

DRYING OVEN # 1, BINKS, INFRA RED, 14'-0" W. X 40'-0" L. X 12'-0" H., WITH TWENTY-SIX INFRARED LAMPS 76 KW TOTAL, 1,000,000 BTU PER HOUR MIDCO LNB 1000 NATURAL GAS FIRED LOW-NOX BURNER, AND ONE 3 HP CIRCULATION BLOWER.

BY THE REMOVAL OF:

THE VENTING OF THE DRYING OVEN TO THE EXISTING THERMAL OXIDIZER.

AND THE ADDITION OF:

THE VENTING OF THE DRYING OVEN TO THE NEW THERMAL OXIDIZER.

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. MATERIALS USED ON THE ARTICLES THAT ARE PROCESSED IN THIS EQUIPMENT SHALL NOT CONTAIN ANY TOXIC/ CARCINOGENIC AIR CONTAMINANTS LISTED IN TABLE 1 IN RULE 1401, AS AMENDED MAY 2, 2003 OR EARLIER WITH THE EXCEPTION OF ETHYL BENZENE, MEK, XYLENE, ISOPROPYL ALCOHOL, TOLUENE, AND NICKEL OXIDE.
[RULE 1401]

4. THIS EQUIPMENT SHALL NOT BE OPERATED UNLESS IT IS VENTED TO AN AIR POLLUTION CONTROL SYSTEM WHICH HAS BEEN ISSUED A VALID PERMIT BY THE EXECUTIVE OFFICER.
[RULE 1303(a)(1)-BACT]

5. THE OPERATOR SHALL MAINTAIN THIS EQUIPMENT AS A PERMANENT TOTAL ENCLOSURE (PTE) AND COMPLY WITH ALL CRITERIA SPECIFIED IN EPA METHOD 204.
[RULE 1303(a)(1)-BACT]

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6. THE OPERATOR SHALL TEST THIS EQUIPMENT IN ACCORDANCE WITH THE FOLLOWING SPECIFICATIONS:

   A. THE SOURCE TEST SHALL BE CONDUCTED NO LATER THAN 180 DAYS AFTER THE INITIAL START-UP OF THIS EQUIPMENT AFTER THE MODIFICATION IS COMPLETE UNLESS OTHERWISE APPROVED IN WRITING BY THE DISTRICT.

   B. A SOURCE TEST PROTOCOL SHALL BE SUBMITTED TO THE DISTRICT NO LATER THAN 60 DAYS AFTER THE INITIAL START-UP OF THIS EQUIPMENT UNLESS OTHERWISE APPROVED IN WRITING BY THE DISTRICT. THE TEST PROTOCOL SHALL BE APPROVED IN WRITING BY THE DISTRICT BEFORE THE TEST COMMENCES.

   C. THE TEST PROTOCOL SHALL INCLUDE THE PROPOSED OPERATING CONDITIONS OF THE EQUIPMENT DURING THE TEST, THE IDENTITY OF THE TESTING LABORATORY, A STATEMENT FROM THE TESTING LABORATORY CERTIFYING THAT IT MEETS THE CRITERIA IN DISTRICT RULE 304(K), AND A DESCRIPTION OF THE SAMPLING AND ANALYTICAL PROCEDURES TO BE USED.

   D. THE SOURCE TESTS SHALL CONSIST OF, BUT MAY NOT BE LIMITED TO, TESTING OF THE DRYER NO_X AND CO EMISSIONS, REFERENCED AT 3 PERCENT VOLUME STACK GAS OXYGEN ON A DRY BASIS, DURING AS-FOUND OPERATING CONDITIONS OF EACH DRYER.

   E. THE SOURCE TESTS SHALL CONSIST OF, BUT MAY NOT BE LIMITED TO TESTING OF THE DRYER NO_X AND CO EMISSIONS, REFERENCED AT 3 PERCENT VOLUME STACK GAS OXYGEN ON A DRY BASIS, WHILE THE DRYER IS OPERATED BELOW 35% OF THE MAXIMUM RATED INPUT HEAT CAPACITY.

   F. NO_X AND CO EMISSION DETERMINATION SHALL BE AVERAGED OVER A PERIOD OF AT LEAST 15 AND NO MORE THAN 60 CONSECUTIVE MINUTES, AND AT LEAST 15 MINUTES AFTER UNIT START-UP.

   G. A WRITTEN NOTICE OF THE SOURCE TESTS SHALL BE SUBMITTED TO THE DISTRICT AT LEAST 14 DAYS PRIOR TO THE SOURCE TESTING DATE SO THAT AN OBSERVER FROM THE DISTRICT MAY BE PRESENT.

   H. TWO COMPLETE COPIES OF THE SOURCE TEST REPORT SHALL BE SUBMITTED TO THE DISTRICT WITHIN 45 DAYS AFTER SOURCE TESTING DATE UNLESS OTHERWISE APPROVED IN WRITING BY THE DISTRICT. THE SOURCE TEST REPORT SHALL INCLUDE, BUT MAY NOT BE LIMITED TO, ALL TESTING DATA REQUIRED BY THIS CONDITION.

   I. A TESTING LABORATORY CERTIFIED BY THE CALIFORNIA AIR RESOURCES BOARD IN THE REQUIRED TEST METHODS FOR THE CRITERIA POLLUTANTS TO BE MEASURED, AND IN COMPLIANCE WITH DISTRICT RULE 304 (NO CONFLICT OF INTEREST) SHALL CONDUCT THE TEST.

   J. SAMPLING FACILITIES SHALL COMPLY WITH THE DISTRICT GUIDELINES FOR CONSTRUCTION OF SAMPLING AND TESTING FACILITIES, PURSUANT TO RULE 217.

   K. THE RESULTS OF ALL TESTS (INCLUDING PRELIMINARY TESTS) THAT ARE CONDUCTED ON THIS EQUIPMENT FOR INFORMATIONAL PURPOSES SHALL BE SUBMITTED TO THE DISTRICT WITHIN 45 DAYS AFTER THE TESTING DATE UNLESS OTHERWISE APPROVED IN WRITING BY THE DISTRICT.

   [RULE 1147]

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ROBINSON HELICOPTER CO 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:	0.1 GR/SCF, RULE 409
CO:	2000 PPM, RULE 407
NOx:	30 PPM, RULE 1147

FACILITY PERMIT TO OPERATE
ROBINSON HELICOPTER CO INC

PERMIT TO CONSTRUCT

A/N 534349
Granted as of
July 6, 2012

Equipment Description:

MODIFICATION OF DRYING OVEN #5, OPERATING UNDER P/C, A/N 525092 CONSISTING OF:

DRYING OVEN # 5, SPRAY SYSTEMS INC, INFRA RED, MODEL NUMBER DR451412-FDT, 15'-4" W. X 42'-2" L. X 13'-8" H., WITH TWENTY-EIGHT INFRARED LAMPS 600 KW TOTAL, 1,000,000 BTU PER HOUR MIDCO LNB 1000 NATURAL GAS FIRED LOW-NOX BURNER, AND ONE 2 HP CIRCULATION BLOWER.

BY THE REMOVAL OF:
THE VENTING OF THE DRYING OVEN TO THE EXISTING THERMAL OXIDIZER.

AND THE ADDITION OF:
THE VENTING OF THE DRYING OVEN TO THE NEW THERMAL OXIDIZER.

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. MATERIALS USED ON THE ARTICLES THAT ARE PROCESSED IN THIS EQUIPMENT SHALL NOT CONTAIN ANY TOXIC/ CARCINOGENIC AIR CONTAMINANTS LISTED IN TABLE 1 IN RULE 1401, AS AMENDED MAY 2, 2003 OR EARLIER WITH THE EXCEPTION OF ETHYL BENZENE, MEK, XYLENE, ISOPROPYL ALCOHOL, TOLUENE, AND NICKEL OXIDE.
[RULE 1401]

4. THIS EQUIPMENT SHALL NOT BE OPERATED UNLESS IT IS VENTED TO AN AIR POLLUTION CONTROL SYSTEM WHICH HAS BEEN ISSUED A VALID PERMIT BY THE EXECUTIVE OFFICER.
[RULE 1303 (a)(1)-BACT]

5. THE OPERATOR SHALL MAINTAIN THIS EQUIPMENT AS A PERMANENT TOTAL ENCLOSURE (PTE) AND COMPLY WITH ALL CRITERIA SPECIFIED IN EPA METHOD 204.
[RULE 1303 (a)(1)-BACT]

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6. THE OPERATOR SHALL TEST THIS EQUIPMENT IN ACCORDANCE WITH THE FOLLOWING SPECIFICATIONS:

   A. THE SOURCE TEST SHALL BE CONDUCTED NO LATER THAN 180 DAYS AFTER THE INITIAL START-UP OF THIS EQUIPMENT AFTER THE MODIFICATION IS COMPLETE UNLESS OTHERWISE APPROVED IN WRITING BY THE DISTRICT.

   B. A SOURCE TEST PROTOCOL SHALL BE SUBMITTED TO THE DISTRICT NO LATER THAN 60 DAYS AFTER THE INITIAL START-UP OF THIS EQUIPMENT UNLESS OTHERWISE APPROVED IN WRITING BY THE DISTRICT. THE TEST PROTOCOL SHALL BE APPROVED IN WRITING BY THE DISTRICT BEFORE THE TEST COMMENCES.

   C. THE TEST PROTOCOL SHALL INCLUDE THE PROPOSED OPERATING CONDITIONS OF THE EQUIPMENT DURING THE TEST, THE IDENTITY OF THE TESTING LABORATORY, A STATEMENT FROM THE TESTING LABORATORY CERTIFYING THAT IT MEETS THE CRITERIA IN DISTRICT RULE 304(K), AND A DESCRIPTION OF THE SAMPLING AND ANALYTICAL PROCEDURES TO BE USED.

   D. THE SOURCE TESTS SHALL CONSIST OF, BUT MAY NOT BE LIMITED TO, TESTING OF THE DRYER NO_X AND CO EMISSIONS, REFERENCED AT 3 PERCENT VOLUME STACK GAS OXYGEN ON A DRY BASIS, DURING AS-FOUND OPERATING CONDITIONS OF EACH DRYER.

   E. THE SOURCE TESTS SHALL CONSIST OF, BUT MAY NOT BE LIMITED TO TESTING OF THE DRYER NO_X AND CO EMISSIONS, REFERENCED AT 3 PERCENT VOLUME STACK GAS OXYGEN ON A DRY BASIS, WHILE THE DRYER IS OPERATED BELOW 35% OF THE MAXIMUM RATED INPUT HEAT CAPACITY.

   F. NO_X AND CO EMISSION DETERMINATION SHALL BE AVERAGED OVER A PERIOD OF AT LEAST 15 AND NO MORE THAN 60 CONSECUTIVE MINUTES, AND AT LEAST 15 MINUTES AFTER UNIT START-UP.

   G. A WRITTEN NOTICE OF THE SOURCE TESTS SHALL BE SUBMITTED TO THE DISTRICT AT LEAST 14 DAYS PRIOR TO THE SOURCE TESTING DATE SO THAT AN OBSERVER FROM THE DISTRICT MAY BE PRESENT.

   H. TWO COMPLETE COPIES OF THE SOURCE TEST REPORT SHALL BE SUBMITTED TO THE DISTRICT WITHIN 45 DAYS AFTER SOURCE TESTING DATE UNLESS OTHERWISE APPROVED IN WRITING BY THE DISTRICT. THE SOURCE TEST REPORT SHALL INCLUDE, BUT MAY NOT BE LIMITED TO, ALL TESTING DATA REQUIRED BY THIS CONDITION.

   I. A TESTING LABORATORY CERTIFIED BY THE CALIFORNIA AIR RESOURCES BOARD IN THE REQUIRED TEST METHODS FOR THE CRITERIA POLLUTANTS TO BE MEASURED, AND IN COMPLIANCE WITH DISTRICT RULE 304 (NO CONFLICT OF INTEREST) SHALL CONDUCT THE TEST.

   J. SAMPLING FACILITIES SHALL COMPLY WITH THE DISTRICT GUIDELINES FOR CONSTRUCTION OF SAMPLING AND TESTING FACILITIES, PURSUANT TO RULE 217.

   K. THE RESULTS OF ALL TESTS (INCLUDING PRELIMINARY TESTS) THAT ARE CONDUCTED ON THIS EQUIPMENT FOR INFORMATIONAL PURPOSES SHALL BE SUBMITTED TO THE DISTRICT WITHIN 45 DAYS AFTER THE TESTING DATE UNLESS OTHERWISE APPROVED IN WRITING BY THE DISTRICT.

   [RULE 1147]

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ROBINSON HELICOPTER CO 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:	0.1 GR/SCF, RULE 409
CO:	2000 PPM, RULE 407
NOx:	30 PPM, RULE 1147

FACILITY PERMIT TO OPERATE
ROBINSON HELICOPTER CO INC

PERMIT TO CONSTRUCT

A/N 534351
Granted as of
July 6, 2012

Equipment Description:

MODIFICATION TO SPRAY BOOTH #2, OPERATING UNDER P/C, A/N 523889 CONSISTING OF:

SPRAY BOOTH #2, BINKS MODEL NUMBER CA-642-TLO, AUTOMOTIVE TYPE, 15'-1" W. X 49'-10" L. X 13'-6" H., WITH FIRST STAGE 20" X 20" OSM FILTERS, SECOND STAGE OSM-100 FILTERS, AND THIRTY TWO THIRD-STAGE 20" X 20" P.E. CELL FILTERS BY AIR TECHNOLOGIES INC., 1,000,000 BTU PER HOUR MIDCO LNB 1000 NATURAL GAS FIRED LOW-NOX BURNER, AND ONE 7.5 H.P. EXHAUST FAN 15,700 SCFM CAPACITY.

BY THE REMOVAL OF:

THE VENTING OF THE SPRAY BOOTH TO THE EXISTING THERMAL OXIDIZER.

AND BY THE ADDITION OF:

THE VENTING OF THE SPRAY BOOTH TO THE NEW THERMAL OXIDIZER.

Conditions:

1. OPERATION OF THIS EQUIPMENT SHALL BE CONDUCTED IN ACCORDANCE WITH ALL DATA AND SPECIFICATIONS SUBMITTED WITH THE APPLICATION UNDER WHICH THIS PERMIT IS ISSUED UNLESS OTHERWISE NOTED BELOW.
[RULE 204]

2. THIS EQUIPMENT SHALL BE PROPERLY MAINTAINED AND KEPT IN GOOD OPERATING CONDITION AT ALL TIMES.
[RULE 204]

3. THIS SPRAY BOOTH SHALL NOT BE OPERATED UNLESS ALL EXHAUST AIR PASSES THROUGH THE THREE STAGE FILTER SYSTEM.
[RULE 1303(a)(1)-BACT]

4. A GAUGE SHALL BE INSTALLED TO INDICATE IN INCHES OF WATER THE STATIC PRESSURE DIFFERENTIAL ACROSS THE THREE STAGE FILTER SYSTEM. IN OPERATION, THE PRESSURE DIFFERENTIAL SHALL NOT EXCEED 1.85 INCHES OF WATER.
[RULE 1303(a)(1)-BACT]

5. THE TOTAL QUANTITY OF VOLATILE ORGANIC COMPOUND (VOC) EMISSIONS FROM THIS EQUIPMENT SHALL NOT EXCEED 80 POUNDS IN ANY ONE DAY.
[RULE 1303(b)(2) -OFFSET]

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ROBINSON HELICOPTER CO INC

6. MATERIALS USED IN THIS EQUIPMENT SHALL NOT CONTAIN ANY COMPOUNDS IDENTIFIED AS TOXIC AIR CONTAMINANTS IN RULE 1401, AS AMENDED MARCH 7, 2008, WITH THE EXCEPTION OF ETHYL BENZENE (CAS NO. 100-41-4), METHYL ETHYL KETONE (CAS NO. 78-93-3), TOLUENE (CAS NO. 108-88-3), XYLENE (CAS NO. 1330-20-7), AND NICKEL OXIDE (CAS NO 1313-99-1).
[RULE 1401]

7. IN ADDITION TO THE RECORDKEEPING REQUIREMENTS OF RULE 109, THE OPERATOR SHALL KEEP ADEQUATE RECORDS FOR THIS EQUIPMENT TO VERIFY DAILY VOLATILE ORGANIC COMPOUND (VOC), EMISSIONS IN POUNDS AND THE VOC CONTENT OF EACH MATERIAL AS APPLIED (INCLUDING WATER AND EXEMPT COMPOUNDS). ALL RECORDS SHALL BE PREPARED IN A FORMAT WHICH IS ACCEPTABLE TO THE DISTRICT, SHALL BE RETAINED ON THE PREMISES FOR AT LEAST FIVE YEARS, AND SHALL BE MADE AVAILABLE UPON REQUEST OF ANY DISTRICT REPRESENTATIVE.
[RULE 109, 1303(b)(2)-OFFSET]

8. THE TOTAL QUANTITY OF COATINGS CONTAINING NICKEL OXIDE SPRAYED IN THIS EQUIPMENT SHALL NOT EXCEED 30 GALLONS IN ANY ONE CALENDAR MONTH.
[RULE 1401]

9. THE OPERATOR SHALL MAINTAIN RECORDS TO VERIFY COMPLIANCE WITH CONDITION NO. 8. THE RECORDS SHALL BE PREPARED IN A FORMAT WHICH IS ACCEPTABLE TO THE DISTRICT, SHALL BE RETAINED ON THE PREMISES FOR AT LEAST FIVE YEARS, AND SHALL BE MADE AVAILABLE UPON REQUEST OF ANY DISTRICT REPRESENTATIVE.
[RULE 1401]

10. THIS EQUIPMENT SHALL NOT BE OPERATED UNLESS IT IS VENTED TO AN AIR POLLUTION CONTROL SYSTEM WHICH HAS BEEN ISSUED A VALID PERMIT BY THE EXECUTIVE OFFICER.
[RULE 1303(a)(1)-BACT]

11. THE OPERATOR SHALL MAINTAIN THIS EQUIPMENT AS A PERMANENT TOTAL ENCLOSURE (PTE) AND COMPLY WITH ALL CRITERIA SPECIFIED IN EPA METHOD 204.
[RULE 1303(a)(1)-BACT]

12. THE OPERATOR SHALL TEST THIS EQUIPMENT IN ACCORDANCE WITH THE FOLLOWING SPECIFICATIONS:

    A. THE SOURCE TEST SHALL BE CONDUCTED NO LATER THAN 180 DAYS AFTER THE INITIAL START-UP OF THIS EQUIPMENT AFTER THE MODIFICATION IS COMPLETE UNLESS OTHERWISE APPROVED IN WRITING BY THE DISTRICT.

    B. A SOURCE TEST PROTOCOL SHALL BE SUBMITTED TO THE DISTRICT NO LATER THAN 60 DAYS AFTER THE INITIAL START-UP OF THIS EQUIPMENT UNLESS OTHERWISE APPROVED IN WRITING BY THE DISTRICT. THE TEST PROTOCOL SHALL BE APPROVED IN WRITING BY THE DISTRICT BEFORE THE TEST COMMENCES.

    C. THE TEST PROTOCOL SHALL INCLUDE THE PROPOSED OPERATING CONDITIONS OF THE EQUIPMENT DURING THE TEST, THE IDENTITY OF THE TESTING LABORATORY, A STATEMENT FROM THE TESTING LABORATORY CERTIFYING THAT IT MEETS THE CRITERIA IN DISTRICT RULE 304(K), AND A DESCRIPTION OF THE SAMPLING AND ANALYTICAL PROCEDURES TO BE USED.

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ROBINSON HELICOPTER CO INC

D. THE SOURCE TESTS SHALL CONSIST OF, BUT MAY NOT BE LIMITED TO, TESTING OF THE BURNER NO_X AND CO EMISSIONS, REFERENCED AT 3 PERCENT VOLUME STACK GAS OXYGEN ON A DRY BASIS, DURING AS-FOUND OPERATING CONDITIONS OF EACH BURNER.

E. THE SOURCE TESTS SHALL CONSIST OF, BUT MAY NOT BE LIMITED TO TESTING OF THE BURNER NOX AND CO EMISSIONS, REFERENCED AT 3 PERCENT VOLUME STACK GAS OXYGEN ON A DRY BASIS, WHILE THE BURNER IS OPERATED BELOW 35% OF THE MAXIMUM RATED INPUT HEAT CAPACITY.

F. NOX AND CO EMISSION DETERMINATION SHALL BE AVERAGED OVER A PERIOD OF AT LEAST 15 AND NO MORE THAN 60 CONSECUTIVE MINUTES, AND AT LEAST 15 MINUTES AFTER UNIT START-UP.

G. A WRITTEN NOTICE OF THE SOURCE TESTS SHALL BE SUBMITTED TO THE DISTRICT AT LEAST 14 DAYS PRIOR TO THE SOURCE TESTING DATE SO THAT AN OBSERVER FROM THE DISTRICT MAY BE PRESENT.

H. TWO COMPLETE COPIES OF THE SOURCE TEST REPORT SHALL BE SUBMITTED TO THE DISTRICT WITHIN 45 DAYS AFTER SOURCE TESTING DATE UNLESS OTHERWISE APPROVED IN WRITING BY THE DISTRICT. THE SOURCE TEST REPORT SHALL INCLUDE, BUT MAY NOT BE LIMITED TO, ALL TESTING DATA REQUIRED BY THIS CONDITION.

I. A TESTING LABORATORY CERTIFIED BY THE CALIFORNIA AIR RESOURCES BOARD IN THE REQUIRED TEST METHODS FOR THE CRITERIA POLLUTANTS TO BE MEASURED, AND IN COMPLIANCE WITH DISTRICT RULE 304 (NO CONFLICT OF INTEREST) SHALL CONDUCT THE TEST.

J. SAMPLING FACILITIES SHALL COMPLY WITH THE DISTRICT GUIDELINES FOR CONSTRUCTION OF SAMPLING AND TESTING FACILITIES, PURSUANT TO RULE 217.

K. THE RESULTS OF ALL TESTS (INCLUDING PRELIMINARY TESTS) THAT ARE CONDUCTED ON THIS EQUIPMENT FOR INFORMATIONAL PURPOSES SHALL BE SUBMITTED TO THE DISTRICT WITHIN 45 DAYS AFTER THE TESTING DATE UNLESS OTHERWISE APPROVED IN WRITING BY THE DISTRICT.

[RULE 1147]

Periodic Monitoring:

13. THE OPERATOR SHALL PERFORM A WEEKLY INSPECTION OF THE EQUIPMENT AND FILTER MEDIA FOR LEAKS, BROKEN OR TORN FILTER MEDIA AND IMPROPERLY INSTALLED FILTER MEDIA. THE OPERATOR SHALL KEEP RECORDS, IN A MANNER APPROVED BY THE DISTRICT, FOR THE FOLLOWING PARAMETER(S) OR ITEM(S):

A. THE NAME OF THE PERSON PERFORMING THE INSPECTION AND/OR MAINTENANCE OF THE FILTER MEDIA;

B. THE DATE, TIME AND RESULTS OF THE INSPECTION; AND

C. THE DATE, TIME AND DESCRIPTION OF ANY MAINTENANCE OR REPAIRS RESULTING FROM THE INSPECTION.

[RULE 3004 (a)(4)]

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

Emissions and Requirements:

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

VOC: RULE 1124, SEE APPENDIX B FOR EMISSION LIMITS
VOC: RULE 1171, SEE APPENDIX B FOR EMISSION LIMITS
VOC: RULE 109
HAP: 40 CFR 63 SUBPART GG, SEE SECTION J FOR REQUIREMENTS
PM: RULE 404, SEE APPENDIX B FOR EMISSION LIMITS
PM: RULE 481
PM: 0.1 GR/SCF, RULE 409
CO: 2000 PPMV, RULE 407
NOx: 30PPM, RULE 1147

FACILITY PERMIT TO OPERATE
ROBINSON HELICOPTER CO INC

PERMIT TO CONSTRUCT

A/N 534352
Granted as of
July 6, 2012

Equipment Description:

MODIFICATION TO DRYING ROOM #2, OPERATING UNDER P/C, A/N 523890 CONSISTING OF:

DRYING ROOM #2, BINKS, INFRA RED, 14'-0" W. X 40'-0" L. X 12'-0" H., WITH TWENTY SIX LAMPS 76 KW TOTAL, WITH 1,000,000 BTU PER HOUR MIDCO LNB 1000 NATURAL GAS FIRED LOW-NOX BURNER, ONE ½ HP EXHAUST FAN AND 3 HP CIRCULATING FAN.

BY THE REMOVAL OF:

THE VENTING OF THE DRYING ROOM TO THE EXISTING THERMAL OXIDIZER.

AND BY THE ADDITION OF:

THE VENTING OF THE DRYING ROOM TO THE NEW THERMAL OXIDIZER.

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 OVEN SHALL NOT BE OPERATED ABOVE 200 DEGREES FAHRENHEIT.
[RULE 401]

4. THIS EQUIPMENT SHALL NOT BE OPERATED UNLESS IT IS VENTED TO AN AIR POLLUTION CONTROL SYSTEM WHICH HAS BEEN ISSUED A VALID PERMIT BY THE EXECUTIVE OFFICER.
[RULE 1303(a)(1)-BACT]

5. THE OPERATOR SHALL MAINTAIN THIS EQUIPMENT AS A PERMANENT TOTAL ENCLOSURE (PTE) AND COMPLY WITH ALL CRITERIA SPECIFIED IN EPA METHOD 204.
[RULE 1303(a)(1)-BACT]

6. THE OPERATOR SHALL TEST THIS EQUIPMENT IN ACCORDANCE WITH THE FOLLOWING SPECIFICATIONS:

   A. THE SOURCE TEST SHALL BE CONDUCTED NO LATER THAN 180 DAYS AFTER THE INITIAL START-UP OF THIS EQUIPMENT AFTER THE MODIFICATION IS COMPLETE UNLESS OTHERWISE APPROVED IN WRITING BY THE DISTRICT.

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B. A SOURCE TEST PROTOCOL SHALL BE SUBMITTED TO THE DISTRICT NO LATER THAN 60 DAYS AFTER THE INITIAL START-UP OF THIS EQUIPMENT UNLESS OTHERWISE APPROVED IN WRITING BY THE DISTRICT. THE TEST PROTOCOL SHALL BE APPROVED IN WRITING BY THE DISTRICT BEFORE THE TEST COMMENCES.

C. THE TEST PROTOCOL SHALL INCLUDE THE PROPOSED OPERATING CONDITIONS OF THE EQUIPMENT DURING THE TEST, THE IDENTITY OF THE TESTING LABORATORY, A STATEMENT FROM THE TESTING LABORATORY CERTIFYING THAT IT MEETS THE CRITERIA IN DISTRICT RULE 304(K), AND A DESCRIPTION OF THE SAMPLING AND ANALYTICAL PROCEDURES TO BE USED.

D. THE SOURCE TESTS SHALL CONSIST OF, BUT MAY NOT BE LIMITED TO, TESTING OF THE DRYER NOX AND CO EMISSIONS, REFERENCED AT 3 PERCENT VOLUME STACK GAS OXYGEN ON A DRY BASIS, DURING AS-FOUND OPERATING CONDITIONS OF EACH DRYER.

E. THE SOURCE TESTS SHALL CONSIST OF, BUT MAY NOT BE LIMITED TO TESTING OF THE DRYER NOX AND CO EMISSIONS, REFERENCED AT 3 PERCENT VOLUME STACK GAS OXYGEN ON A DRY BASIS, WHILE THE DRYER IS OPERATED BELOW 35% OF THE MAXIMUM RATED INPUT HEAT CAPACITY.

F. NOX AND CO EMISSION DETERMINATION SHALL BE AVERAGED OVER A PERIOD OF AT LEAST 15 AND NO MORE THAN 60 CONSECUTIVE MINUTES, AND AT LEAST 15 MINUTES AFTER UNIT START-UP.

G. A WRITTEN NOTICE OF THE SOURCE TESTS SHALL BE SUBMITTED TO THE DISTRICT AT LEAST 14 DAYS PRIOR TO THE SOURCE TESTING DATE SO THAT AN OBSERVER FROM THE DISTRICT MAY BE PRESENT.

H. TWO COMPLETE COPIES OF THE SOURCE TEST REPORT SHALL BE SUBMITTED TO THE DISTRICT WITHIN 45 DAYS AFTER SOURCE TESTING DATE UNLESS OTHERWISE APPROVED IN WRITING BY THE DISTRICT. THE SOURCE TEST REPORT SHALL INCLUDE, BUT MAY NOT BE LIMITED TO, ALL TESTING DATA REQUIRED BY THIS CONDITION.

I. A TESTING LABORATORY CERTIFIED BY THE CALIFORNIA AIR RESOURCES BOARD IN THE REQUIRED TEST METHODS FOR THE CRITERIA POLLUTANTS TO BE MEASURED, AND IN COMPLIANCE WITH DISTRICT RULE 304 (NO CONFLICT OF INTEREST) SHALL CONDUCT THE TEST.

J. SAMPLING FACILITIES SHALL COMPLY WITH THE DISTRICT GUIDELINES FOR CONSTRUCTION OF SAMPLING AND TESTING FACILITIES, PURSUANT TO RULE 217.

K. THE RESULTS OF ALL TESTS (INCLUDING PRELIMINARY TESTS) THAT ARE CONDUCTED ON THIS EQUIPMENT FOR INFORMATIONAL PURPOSES SHALL BE SUBMITTED TO THE DISTRICT WITHIN 45 DAYS AFTER THE TESTING DATE UNLESS OTHERWISE APPROVED IN WRITING BY THE DISTRICT.

[RULE 1147]

Periodic Monitoring:

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

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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: 0.1 GR/SCF, RULE 409
CO: 2000 PPM, RULE 407
NOX: 30 PPM, RULE 1147

FACILITY PERMIT TO OPERATE
ROBINSON HELICOPTER CO INC

PERMIT TO CONSTRUCT

A/N 542860
Granted as of
January 2, 2013

Equipment Description:

MODIFICATION OF DRYING OVEN, OPERATING UNDER PERMIT TO CONSTRUCT A/N 523886 CONSISTING OF:

DRYING OVEN, MARATHON, BATCH TYPE, 20' W. X 17'L. X 8' H., NATURAL GAS HEATED, WITH ONE 1,000,000 BTU/HR MIDCO LNB 1000 LOW NOX NATURAL GAS-FIRED BURNER., WITH A 12,000-SCFM CIRCULATING FAN, AND A 3914-SCFM EXHAUST FAN, FOR DRYING PAINTED HELICOPTER PARTS.

BY THE VENTING OF THE DRYING OVEN TO THE THERMAL OXIDIZER (A/N: 542862).

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 AN AIR POLLUTION CONTROL SYSTEM WHICH HAS BEEN ISSUED A VALID PERMIT BY THE EXECUTIVE OFFICER.
[RULE 1303(a)(1)-BACT]

4. THE OPERATOR SHALL MAINTAIN THIS EQUIPMENT AS A PERMANENT TOTAL ENCLOSURE (PTE) AND COMPLY WITH ALL CRITERIA SPECIFIED IN EPA METHOD 204.
[RULE 1303(a)(1)-BACT]

5. THE OPERATOR SHALL TEST THIS EQUIPMENT IN ACCORDANCE WITH THE FOLLOWING SPECIFICATIONS:
   A. THE SOURCE TEST SHALL BE CONDUCTED NO LATER THAN 180 DAYS AFTER THE INITIAL START-UP OF THIS EQUIPMENT UNLESS OTHERWISE APPROVED IN WRITING BY THE DISTRICT.
   B. A SOURCE TEST PROTOCOL SHALL BE SUBMITTED TO THE DISTRICT NO LATER THAN 60 DAYS AFTER THE INITIAL START-UP OF THIS EQUIPMENT UNLESS OTHERWISE APPROVED IN WRITING BY THE DISTRICT. THE TEST PROTOCOL SHALL BE APPROVED IN WRITING BY THE DISTRICT BEFORE THE TEST COMMENCES.
   C. THE TEST PROTOCOL SHALL INCLUDE THE PROPOSED OPERATING CONDITIONS OF THE EQUIPMENT DURING THE TEST, THE IDENTITY OF THE TESTING LABORATORY, A STATEMENT FROM THE TESTING LABORATORY CERTIFYING THAT IT MEETS THE

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CRITERIA IN DISTRICT RULE 304(K), AND A DESCRIPTION OF THE SAMPLING AND ANALYTICAL PROCEDURES TO BE USED.

D. THE SOURCE TESTS SHALL CONSIST OF, BUT MAY NOT BE LIMITED TO, TESTING OF THE DRYER NO_X AND CO EMISSIONS, REFERENCED AT 3 PERCENT VOLUME STACK GAS OXYGEN ON A DRY BASIS, DURING AS-FOUND OPERATING CONDITIONS OF EACH DRYER.

E. THE SOURCE TESTS SHALL CONSIST OF, BUT MAY NOT BE LIMITED TO TESTING OF THE DRYER NO_X AND CO EMISSIONS, REFERENCED AT 3 PERCENT VOLUME STACK GAS OXYGEN ON A DRY BASIS, WHILE THE DRYER IS OPERATED BELOW 35% OF THE MAXIMUM RATED INPUT HEAT CAPACITY.

F. NO_X AND CO EMISSION DETERMINATION SHALL BE AVERAGED OVER A PERIOD OF AT LEAST 15 AND NO MORE THAN 60 CONSECUTIVE MINUTES, AND AT LEAST 15 MINUTES AFTER UNIT START-UP.

G. A WRITTEN NOTICE OF THE SOURCE TESTS SHALL BE SUBMITTED TO THE DISTRICT AT LEAST 14 DAYS PRIOR TO THE SOURCE TESTING DATE SO THAT AN OBSERVER FROM THE DISTRICT MAY BE PRESENT.

H. TWO COMPLETE COPIES OF THE SOURCE TEST REPORT SHALL BE SUBMITTED TO THE DISTRICT WITHIN 45 DAYS AFTER SOURCE TESTING DATE UNLESS OTHERWISE APPROVED IN WRITING BY THE DISTRICT. THE SOURCE TEST REPORT SHALL INCLUDE, BUT MAY NOT BE LIMITED TO, ALL TESTING DATA REQUIRED BY THIS CONDITION.

I. A TESTING LABORATORY CERTIFIED BY THE CALIFORNIA AIR RESOURCES BOARD IN THE REQUIRED TEST METHODS FOR THE CRITERIA POLLUTANTS TO BE MEASURED, AND IN COMPLIANCE WITH DISTRICT RULE 304 (NO CONFLICT OF INTEREST) SHALL CONDUCT THE TEST.

J. SAMPLING FACILITIES SHALL COMPLY WITH THE DISTRICT GUIDELINES FOR CONSTRUCTION OF SAMPLING AND TESTING FACILITIES, PURSUANT TO RULE 217.

K. THE RESULTS OF ALL TESTS (INCLUDING PRELIMINARY TESTS) THAT ARE CONDUCTED ON THIS EQUIPMENT FOR INFORMATIONAL PURPOSES SHALL BE SUBMITTED TO THE DISTRICT WITHIN 45 DAYS AFTER THE TESTING DATE UNLESS OTHERWISE APPROVED IN WRITING BY THE DISTRICT.

[RULE 1147]

Emissions and Requirements:

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

CO: 2000 PPM, RULE 407
PM: 0.1 gr/scf, RULE 409
PM: RULE 404, SEE APPENDIX B FOR EMISSION LIMITS
NOx: 30 PPM, RULE 1147

FACILITY PERMIT TO OPERATE
ROBINSON HELICOPTER CO INC

PERMIT TO CONSTRUCT

A/N 542861
Granted as of
January 2, 2013

Equipment Description:

MODIFICATION TO SPRAY BOOTH #6, OPERATING UNDER PERMIT TO CONSTRUCT A/N 523887 CONSISTING OF:

SPRAY BOOTH NO. 6, MARATHON, MODEL NO. RAF 520820 14L IHH, FLOOR TYPE, 15' W. X 17' L. X 8' H., WITH THREE STAGE A-3000 EXHAUST FILTRATION SYSTEM CONSISTING OF: BLANKET FILTER FIRST STAGE, TWENTY FOUR 20" X 20" OSM-100 SECOND STAGE, TWENTY FOUR 20" X 20" ATI A-3000 THIRD STAGE, ONE 7-1/2 H.P. EXHAUST FAN, AND A 1,000,000 BTU/HR MIDCO LNB 1000 LOW-NOx NATURAL GAS-FIRED BURNER.

BY THE VENTING OF THE SPRAY BOOTH TO THE THERMAL OXIDIZER (A/N: 542862).

Conditions:

1. OPERATION OF THIS EQUIPMENT SHALL BE CONDUCTED IN ACCORDANCE WITH ALL DATA AND SPECIFICATIONS SUBMITTED WITH THE APPLICATION UNDER WHICH THIS PERMIT IS ISSUED UNLESS OTHERWISE NOTED BELOW.
[RULE 204]

2. THIS EQUIPMENT SHALL BE PROPERLY MAINTAINED AND KEPT IN GOOD OPERATING CONDITION AT ALL TIMES.
[RULE 204]

3. THIS SPRAY BOOTH SHALL NOT BE OPERATED UNLESS ALL EXHAUST AIR PASSES THROUGH THE THREE STAGE FILTER SYSTEM.
[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 1.85 INCHES OF WATER.
[RULE 1303(a)(1)-BACT]

5. THIS EQUIPMENT SHALL NOT BE OPERATED UNLESS IT IS VENTED TO AN AIR POLLUTION CONTROL SYSTEM WHICH HAS BEEN ISSUED A VALID PERMIT BY THE EXECUTIVE OFFICER.
[RULE 1303(a)(1)-BACT]

6. THE OPERATOR SHALL MAINTAIN THIS EQUIPMENT AS A PERMANENT TOTAL ENCLOSURE (PTE) AND COMPLY WITH ALL CRITERIA SPECIFIED IN EPA METHOD 204.
[RULE 1303(a)(1)-BACT]

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7. THE OPERATOR SHALL TEST THIS EQUIPMENT IN ACCORDANCE WITH THE FOLLOWING SPECIFICATIONS:

A. THE SOURCE TEST SHALL BE CONDUCTED NO LATER THAN 180 DAYS AFTER THE INITIAL START-UP OF THIS EQUIPMENT UNLESS OTHERWISE APPROVED IN WRITING BY THE DISTRICT.

B. A SOURCE TEST PROTOCOL SHALL BE SUBMITTED TO THE DISTRICT NO LATER THAN 60 DAYS AFTER THE INITIAL START-UP OF THIS EQUIPMENT UNLESS OTHERWISE APPROVED IN WRITING BY THE DISTRICT. THE TEST PROTOCOL SHALL BE APPROVED IN WRITING BY THE DISTRICT BEFORE THE TEST COMMENCES.

C. THE TEST PROTOCOL SHALL INCLUDE THE PROPOSED OPERATING CONDITIONS OF THE EQUIPMENT DURING THE TEST, THE IDENTITY OF THE TESTING LABORATORY, A STATEMENT FROM THE TESTING LABORATORY CERTIFYING THAT IT MEETS THE CRITERIA IN DISTRICT RULE 304(K), AND A DESCRIPTION OF THE SAMPLING AND ANALYTICAL PROCEDURES TO BE USED.

D. THE SOURCE TESTS SHALL CONSIST OF, BUT MAY NOT BE LIMITED TO, TESTING OF THE BURNER NOX AND CO EMISSIONS, REFERENCED AT 3 PERCENT VOLUME STACK GAS OXYGEN ON A DRY BASIS, DURING AS-FOUND OPERATING CONDITIONS OF EACH BURNER.

E. THE SOURCE TESTS SHALL CONSIST OF, BUT MAY NOT BE LIMITED TO TESTING OF THE BURNER NOX AND CO EMISSIONS, REFERENCED AT 3 PERCENT VOLUME STACK GAS OXYGEN ON A DRY BASIS, WHILE THE BURNER IS OPERATED BELOW 35% OF THE MAXIMUM RATED INPUT HEAT CAPACITY.

F. NOX AND CO EMISSION DETERMINATION SHALL BE AVERAGED OVER A PERIOD OF AT LEAST 15 AND NO MORE THAN 60 CONSECUTIVE MINUTES, AND AT LEAST 15 MINUTES AFTER UNIT START-UP.

G. A WRITTEN NOTICE OF THE SOURCE TESTS SHALL BE SUBMITTED TO THE DISTRICT AT LEAST 14 DAYS PRIOR TO THE SOURCE TESTING DATE SO THAT AN OBSERVER FROM THE DISTRICT MAY BE PRESENT.

H. TWO COMPLETE COPIES OF THE SOURCE TEST REPORT SHALL BE SUBMITTED TO THE DISTRICT WITHIN 45 DAYS AFTER SOURCE TESTING DATE UNLESS OTHERWISE APPROVED IN WRITING BY THE DISTRICT. THE SOURCE TEST REPORT SHALL INCLUDE, BUT MAY NOT BE LIMITED TO, ALL TESTING DATA REQUIRED BY THIS CONDITION.

I. A TESTING LABORATORY CERTIFIED BY THE CALIFORNIA AIR RESOURCES BOARD IN THE REQUIRED TEST METHODS FOR THE CRITERIA POLLUTANTS TO BE MEASURED, AND IN COMPLIANCE WITH DISTRICT RULE 304 (NO CONFLICT OF INTEREST) SHALL CONDUCT THE TEST.

J. SAMPLING FACILITIES SHALL COMPLY WITH THE DISTRICT GUIDELINES FOR CONSTRUCTION OF SAMPLING AND TESTING FACILITIES, PURSUANT TO RULE 217.

K. THE RESULTS OF ALL TESTS (INCLUDING PRELIMINARY TESTS) THAT ARE CONDUCTED ON THIS EQUIPMENT FOR INFORMATIONAL PURPOSES SHALL BE SUBMITTED TO THE DISTRICT WITHIN 45 DAYS AFTER THE TESTING DATE UNLESS OTHERWISE APPROVED IN WRITING BY THE DISTRICT.

[RULE 1147]

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8. MATERIALS USED IN THIS EQUIPMENT SHALL NOT CONTAIN ANY COMPOUNDS IDENTIFIED AS TOXIC AIR CONTAMINANTS IN RULE 1401 AS AMENDED SEPTEMBER 10, 2010, WITH EXCEPTION OF ETHYL BENZENE (CAS NO. 100-41-4).
[RULE 1401]

9. THE MAXIMUM ETHYL BENZENE CONCENTRATION IN MATERIALS USED IN THIS EQUIPMENT SHALL NOT EXCEED 1% BY WEIGHT.
[RULE 1401]

10. IN ADDITION TO THE RECORDKEEPING REQUIREMENT OF RULE 109, THE OPERATOR SHALL KEEP ADEQUATE RECORDS FOR THIS EQUIPMENT TO VERIFY DAILY VOLATILE ORGANIC COMPOUND (VOC) EMISSIONS IN POUNDS AND THE VOC CONTENT OF EACH MATERIAL AS APPLIED (INCLUDING WATER AND EXEMPT COMPOUNDS). ALL RECORDS SHALL BE PREPARED IN A FORMAT WHICH IS ACCEPTABLE TO THE DISTRICT, SHALL BE RETAINED ON THE PREMISES FOR AT LEAST FIVE YEARS, AND SHALL BE MADE AVAILABLE UPON REQUEST OF THE EXECUTIVE OFFICER OR HIS REPRESENTATIVE.
[RULE 109, 1303(b)(2)-OFFSET]

Periodic Monitoring:

11. 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)]

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

Emissions and Requirements:

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

    VOC: RULE 1124, SEE APPENDIX B FOR EMISSION LIMITS
    VOC: RULE 1171, SEE APPENDIX B FOR EMISSION LIMITS
    VOC: RULE 109
    HAP: 40 CFR 63 SUBPART GG, SEE SECTION J FOR REQUIREMENTS
    PM: RULE 404, SEE APPENDIX B FOR EMISSION LIMITS
    PM: 0.1 gr/scf, RULE 409
    CO: 2000 PPM, RULE 407

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PM: RULE 481
NOx: 30 PPM, RULE 1147

FACILITY PERMIT TO OPERATE
ROBINSON HELICOPTER CO INC

PERMIT TO CONSTRUCT

A/N 542974
Granted as of
January 2, 2013

Equipment Description:

MODIFICATION TO SPRAY BOOTH #7, OPERATING UNDER A/N 523887 CONSISTING OF:

SPRAY BOOTH NO. 7, MARATHON, MODEL NO. RAF 520820 14L IHH, FLOOR TYPE, 15' W. X 17' L. X 8' H., WITH THREE STAGE A-3000 EXHAUST FILTRATION SYSTEM CONSISTING OF: BLANKET FILTER FIRST STAGE, TWENTY FOUR 20" X 20" OSM-100 SECOND STAGE, TWENTY FOUR 20" X 20" ATI A-3000 THIRD STAGE, ONE 7-1/2 H.P. EXHAUST FAN, AND A 1,000,000 BTU/HR MIDCO LNB 1000 LOW-NOx NATURAL GAS-FIRED BURNER.

BY THE VENTING OF THE SPRAY BOOTH TO THE THERMAL OXIDIZER (A/N: 542862).

Conditions:

1. OPERATION OF THIS EQUIPMENT SHALL BE CONDUCTED IN ACCORDANCE WITH ALL DATA AND SPECIFICATIONS SUBMITTED WITH THE APPLICATION UNDER WHICH THIS PERMIT IS ISSUED UNLESS OTHERWISE NOTED BELOW.
[RULE 204]

2. THIS EQUIPMENT SHALL BE PROPERLY MAINTAINED AND KEPT IN GOOD OPERATING CONDITION AT ALL TIMES.
[RULE 204]

3. THIS SPRAY BOOTH SHALL NOT BE OPERATED UNLESS ALL EXHAUST AIR PASSES THROUGH THE THREE STAGE FILTER SYSTEM.
[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 1.85 INCHES OF WATER.
[RULE 1303(a)(1)-BACT]

5. THIS EQUIPMENT SHALL NOT BE OPERATED UNLESS IT IS VENTED TO AN AIR POLLUTION CONTROL SYSTEM WHICH HAS BEEN ISSUED A VALID PERMIT BY THE EXECUTIVE OFFICER.
[RULE 1303(a)(1)-BACT]

6. THE OPERATOR SHALL MAINTAIN THIS EQUIPMENT AS A PERMANENT TOTAL ENCLOSURE (PTE) AND COMPLY WITH ALL CRITERIA SPECIFIED IN EPA METHOD 204.
[RULE 1303(a)(1)-BACT]

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7. THE OPERATOR SHALL TEST THIS EQUIPMENT IN ACCORDANCE WITH THE FOLLOWING SPECIFICATIONS:

   A. THE SOURCE TEST SHALL BE CONDUCTED NO LATER THAN 180 DAYS AFTER THE INITIAL START-UP OF THIS EQUIPMENT UNLESS OTHERWISE APPROVED IN WRITING BY THE DISTRICT.

   B. A SOURCE TEST PROTOCOL SHALL BE SUBMITTED TO THE DISTRICT NO LATER THAN 60 DAYS AFTER THE INITIAL START-UP OF THIS EQUIPMENT UNLESS OTHERWISE APPROVED IN WRITING BY THE DISTRICT. THE TEST PROTOCOL SHALL BE APPROVED IN WRITING BY THE DISTRICT BEFORE THE TEST COMMENCES.

   C. THE TEST PROTOCOL SHALL INCLUDE THE PROPOSED OPERATING CONDITIONS OF THE EQUIPMENT DURING THE TEST, THE IDENTITY OF THE TESTING LABORATORY, A STATEMENT FROM THE TESTING LABORATORY CERTIFYING THAT IT MEETS THE CRITERIA IN DISTRICT RULE 304(K), AND A DESCRIPTION OF THE SAMPLING AND ANALYTICAL PROCEDURES TO BE USED.

   D. THE SOURCE TESTS SHALL CONSIST OF, BUT MAY NOT BE LIMITED TO, TESTING OF THE BURNER NOX AND CO EMISSIONS, REFERENCED AT 3 PERCENT VOLUME STACK GAS OXYGEN ON A DRY BASIS, DURING AS-FOUND OPERATING CONDITIONS OF EACH BURNER.

   E. THE SOURCE TESTS SHALL CONSIST OF, BUT MAY NOT BE LIMITED TO TESTING OF THE BURNER NOX AND CO EMISSIONS, REFERENCED AT 3 PERCENT VOLUME STACK GAS OXYGEN ON A DRY BASIS, WHILE THE BURNER IS OPERATED BELOW 35% OF THE MAXIMUM RATED INPUT HEAT CAPACITY.

   F. NOX AND CO EMISSION DETERMINATION SHALL BE AVERAGED OVER A PERIOD OF AT LEAST 15 AND NO MORE THAN 60 CONSECUTIVE MINUTES, AND AT LEAST 15 MINUTES AFTER UNIT START-UP.

   G. A WRITTEN NOTICE OF THE SOURCE TESTS SHALL BE SUBMITTED TO THE DISTRICT AT LEAST 14 DAYS PRIOR TO THE SOURCE TESTING DATE SO THAT AN OBSERVER FROM THE DISTRICT MAY BE PRESENT.

   H. TWO COMPLETE COPIES OF THE SOURCE TEST REPORT SHALL BE SUBMITTED TO THE DISTRICT WITHIN 45 DAYS AFTER SOURCE TESTING DATE UNLESS OTHERWISE APPROVED IN WRITING BY THE DISTRICT. THE SOURCE TEST REPORT SHALL INCLUDE, BUT MAY NOT BE LIMITED TO, ALL TESTING DATA REQUIRED BY THIS CONDITION.

   I. A TESTING LABORATORY CERTIFIED BY THE CALIFORNIA AIR RESOURCES BOARD IN THE REQUIRED TEST METHODS FOR THE CRITERIA POLLUTANTS TO BE MEASURED, AND IN COMPLIANCE WITH DISTRICT RULE 304 (NO CONFLICT OF INTEREST) SHALL CONDUCT THE TEST.

   J. SAMPLING FACILITIES SHALL COMPLY WITH THE DISTRICT GUIDELINES FOR CONSTRUCTION OF SAMPLING AND TESTING FACILITIES, PURSUANT TO RULE 217.

   K. THE RESULTS OF ALL TESTS (INCLUDING PRELIMINARY TESTS) THAT ARE CONDUCTED ON THIS EQUIPMENT FOR INFORMATIONAL PURPOSES SHALL BE SUBMITTED TO THE DISTRICT WITHIN 45 DAYS AFTER THE TESTING DATE UNLESS OTHERWISE APPROVED IN WRITING BY THE DISTRICT.

   [RULE 1147]

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8. MATERIALS USED IN THIS EQUIPMENT SHALL NOT CONTAIN ANY COMPOUNDS IDENTIFIED AS TOXIC CARCINOGENIC AIR CONTAMINANTS IN RULE 1401 AS AMENDED SEPTEMBER 10, 2010, WITH EXCEPTION OF ETHYL BENZENE (CAS NO. 100-41-4).
[RULE 1401]

9. THE MAXIMUM ETHYL BENZENE CONCENTRATION IN MATERIALS USED IN THIS EQUIPMENT SHALL NOT EXCEED 1% BY WEIGHT.
[RULE 1401]

10. IN ADDITION TO THE RECORDKEEPING REQUIREMENT OF RULE 109, THE OPERATOR SHALL KEEP ADEQUATE RECORDS FOR THIS EQUIPMENT TO VERIFY DAILY VOLATILE ORGANIC COMPOUND (VOC) EMISSIONS IN POUNDS AND THE VOC CONTENT OF EACH MATERIAL AS APPLIED (INCLUDING WATER AND EXEMPT COMPOUNDS). ALL RECORDS SHALL BE PREPARED IN A FORMAT WHICH IS ACCEPTABLE TO THE DISTRICT, SHALL BE RETAINED ON THE PREMISES FOR AT LEAST FIVE YEARS, AND SHALL BE MADE AVAILABLE UPON REQUEST OF THE EXECUTIVE OFFICER OR HIS REPRESENTATIVE.
[RULE 109, 1303(b)(2)-OFFSET]

Periodic Monitoring:

11. 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)]

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

Emissions and Requirements:

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

    VOC: RULE 1124, SEE APPENDIX B FOR EMISSION LIMITS
    VOC: RULE 1171, SEE APPENDIX B FOR EMISSION LIMITS
    VOC: RULE 109
    HAP: 40 CFR 63 SUBPART GG, SEE SECTION J FOR REQUIREMENTS
    PM: RULE 404, SEE APPENDIX B FOR EMISSION LIMITS
    PM: 0.1 gr/scf, RULE 409

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CO: 2000 PPM, RULE 407
PM: RULE 481
NOX: 30 PPM, RULE 1147

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PERMIT TO CONSTRUCT

A/N 542862
Granted as of
January 2, 2013

Equipment Description:

MODIFICATION TO AIR POLLUTION CONTROL SYSTEM OPERATING UNDER PERMIT TO CONSTRUCT A/N 534346, CONSISTING OF

1. THERMAL OXIDIZER, REGENERATIVE TYPE, ADWEST TECHNOLOGIES, MODEL RETOX 18.0 RTO97, 26'-10" L. X 21'-6" W. X 11'-2" H., 18,000 SCFM CAPACITY WITH A 5.2 MMBTU PER HOUR STARTER BURNER, A 2.7 MM BTU PER HOUR GAS INJECTION SYSTEM, 2 CERAMIC BEDS, A 5 HP COMBUSTION BLOWER, AND A COIL MEDIA HEAT EXCHANGER.

2. EXHAUST SYSTEM WITH ONE 100 HP FAN VENTING THREE SPRAY BOOTHS AND THREE DRYING OVENS (A/NOS: 534647, 534348, 534349, 534350, 534351, 534352), ALL OPERATING AS PERMANENT TOTAL ENCLOSURES

BY THE ADDITION OF:

THE VENTING OF SPRAY BOOTHS NO'S 6 & 7, AND ONE OVEN (A/NO's 542861, 542860 & 542974)

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

4. THE OPERATOR SHALL OPERATE AND MAINTAIN THIS EQUIPMENT ACCORDING TO THE FOLLOWING REQUIREMENTS:

THE COMBUSTION CHAMBER TEMPERATURE SHALL BE MAINTAINED AT A MINIMUM OF 1,500 DEGREES FAHRENHEIT WHENEVER THE EQUIPMENT IT SERVES IS IN OPERATION.

THE OPERATOR SHALL OPERATE AND MAINTAIN A TEMPERATURE MEASURING AND RECORDING SYSTEM TO CONTINUOUSLY MEASURE AND RECORD THE COMBUSTION CHAMBER TEMPERATURE PURSUANT TO THE OPERATION AND MAINTENANCE

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REQUIREMENTS SPECIFIED IN 40 CFR PART 64.7. SUCH A SYSTEM SHALL HAVE AN ACCURACY OF WITHIN 1% OF THE TEMPERATURE BEING MONITORED AND SHALL BE INSPECTED, MAINTAINED, AND CALIBRATED ON AN ANNUAL BASIS IN ACCORDANCE WITH THE MANUFACTURER'S SPECIFICATIONS.

FOR THE PURPOSE OF THIS CONDITION, A DEVIATION SHALL BE DEFINED AS WHEN A COMBUSTION CHAMBER TEMPERATURE OF LESS THAN 1,500 DEGREES FAHRENHEIT OCCURS DURING NORMAL OPERATION OF THE EQUIPMENT IT SERVES. THE OPERATOR SHALL REVIEW THE RECORDS OF THE COMBUSTION CHAMBER TEMPERATURE ON A DAILY BASIS TO DETERMINE IF A DEVIATION OCCURS OR SHALL INSTALL AN ALARM SYSTEM TO ALERT THE OPERATOR WHEN A DEVIATION OCCURS.

WHENEVER A DEVIATION OCCURS, THE OPERATOR SHALL INSPECT THIS EQUIPMENT TO IDENTIFY THE CAUSE OF SUCH A DEVIATION, TAKE IMMEDIATE CORRECTIVE ACTION TO MAINTAIN THE COMBUSTION CHAMBER TEMPERATURE AT OR ABOVE 1,500 DEGREES FAHRENHEIT, AND KEEP RECORDS OF THE DURATION AND CAUSE (INCLUDING UNKNOWN CAUSE, IF APPLICABLE) OF THE DEVIATION AND THE CORRECTIVE ACTION TAKEN.

ALL DEVIATIONS SHALL BE REPORTED TO THE AQMD PURSUANT TO THE REQUIREMENTS SPECIFIED IN 40 CFR PART 64.9 AND CONDITION NOS. 22 AND 23 IN SECTION K OF THIS PERMIT. THE REPORT SHALL INCLUDE THE TOTAL OPERATING TIME OF THIS EQUIPMENT AND THE TOTAL ACCUMULATED DURATION OF ALL DEVIATIONS FOR EACH SEMI-ANNUAL REPORTING PERIOD SPECIFIED IN CONDITION NO. 23 IN SECTION K OF THIS PERMIT.

THE OPERATOR SHALL SUBMIT AN APPLICATION WITH A QUALITY IMPROVEMENT PLAN (QIP) IN ACCORDANCE WITH 40 CFR PART 64.8 TO THE AQMD IF AN ACCUMULATION OF DEVIATIONS EXCEEDS 5 PERCENT DURATION OF THIS EQUIPMENT'S TOTAL OPERATING TIME FOR ANY SEMI-ANNUAL REPORTING PERIOD SPECIFIED IN CONDITION NO. 23 IN SECTION K OF THIS PERMIT. THE REQUIRED QIP SHALL BE SUBMITTED TO THE AQMD WITHIN 90 CALENDAR DAYS AFTER THE DUE DATE FOR THE SEMI-ANNUAL MONITORING REPORT.

THE OPERATOR SHALL INSPECT AND MAINTAIN ALL COMPONENTS OF THIS EQUIPMENT ON AN ANNUAL BASIS IN ACCORDANCE WITH THE MANUFACTURER'S SPECIFICATIONS.

THE OPERATOR SHALL KEEP ADEQUATE RECORDS IN A FORMAT THAT IS ACCEPTABLE TO THE AQMD TO DEMONSTRATE COMPLIANCE WITH ALL APPLICABLE REQUIREMENTS SPECIFIED IN THIS CONDITION AND 40 CFR PART 64.9 FOR A MINIMUM OF FIVE YEARS.
[RULE 1303(a)(1)-BACT, RULE 3004(a)(4)-PERIODIC MONITORING, 40CFR Part 64]

5. THE TEMPERATURE INDICATOR AND A DATA RECORDER SHALL BE IN OPERATION WHENEVER THE EQUIPMENT IT SERVES IS IN OPERATION.
[RULE 1303(a)(1)-BACT]

6. THE TEMPERATURE INDICATOR SHALL BE PROPERLY CALIBRATED AND MAINTAINED IN GOOD OPERATING CONDITION.
[RULE 1303(a)(1)-BACT]

7. ALL ACCESS DOORS TO THE PERMANENT TOTAL ENCLOSURES SHALL BE KEPT CLOSED DURING NORMAL OPERATIONS.
[RULE 1303(a)(1)-BACT]

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8. THE OPERATOR SHALL OPERATE AND MAINTAIN THIS EQUIPMENT TO ACHIEVE A VOC DESTRUCTION EFFICIENCY OF AT LEAST 95% BY WEIGHT WHENEVER THE EQUIPMENT IT SERVES IS IN OPERATION.
[RULE 1303(a)(1)-BACT, 1303(b)(2)-OFFSET]

9. THE OPERATOR SHALL OPERATE AND MAINTAIN THIS EQUIPMENT TO ACHIEVE AN OVERALL VOC CONTROL EFFICIENCY OF AT LEAST 95%.
[RULE 1303(a)(1)-BACT, 1303(b)(2)-OFFSET]

10. THE OWNER OR OPERATOR OF THIS EQUIPMENT SHALL CONDUCT SOURCE TESTS UNDER THE FOLLOWING CONDITIONS TO DEMONSTRATE COMPLIANCE WITH THE PERMIT CONDITIONS:

A. THE SOURCE TESTS SHALL BE CONDUCTED NO LATER THAN 180 DAYS AFTER THE MODIFICATION TO THE THERMAL OXIDIZER BY THE ADDITIONAL VENTING OF SPRAY BOOTH 6 AND 7, AND THE OVEN IS COMPLETE UNLESS OTHERWISE APPROVED IN WRITING BY THE DISTRICT.

B. A SOURCE TEST PROTOCOL SHALL BE SUBMITTED TO THE DISTRICT ENGINEER, NO LATER THAN 60 DAYS AFTER THE INITIAL START-UP OF THE REGENERATIVE THERMAL OXIDIZER UNLESS OTHERWISE APPROVED IN WRITING BY THE DISTRICT. THE TEST PROTOCOL SHALL BE APPROVED IN WRITING BY THE DISTRICT BEFORE THE TEST COMMENCES. THE TEST PROTOCOL SHALL INCLUDE THE COMPLETED DISTRICT FORMS ST-1 AND ST-2 SPECIFYING THE PROPOSED OPERATING CONDITIONS OF THE EQUIPMENT DURING THE TEST, THE IDENTITY OF THE TESTING LABORATORY, A STATEMENT FROM THE TESTING LABORATORY CERTIFYING IT MEETS THE CRITERIA IN DISTRICT RULE 304(k), AND A DESCRIPTION OF THE SAMPLING AND ANALYTICAL PROCEDURES TO BE USED.

C. THE SOURCE TESTS SHALL CONSIST OF, BUT MAY NOT BE LIMITED TO, A TEST OF THE INLET AND EXHAUST OF THE REGENERATIVE THERMAL OXIDIZER FOR:

(1) VOLATILE ORGANIC COMPOUNDS (VOC) IN PPMV AND LBS/HR
(2) OXIDES OF NITROGEN (NO_X) IN PPMV AND LBS/HR (OXIDIZER EXHAUST ONLY)
(3) CARBON MONOXIDE (CO) IN PPMV AND LBS/HR (OXIDIZER EXHAUST ONLY)
(4) VOC DESTRUCTION EFFICIENCY
(5) VOC-COLLECTION EFFICIENCY
(6) OXYGEN CONTENT
(7) MOISTURE CONTENT
(8) FLOW RATE
(9) TEMPERATURE

D. THE TEST SHALL BE CONDUCTED TO VERIFY THAT THE PERMANENT TOTAL ENCLOSURE (PTE) COMPLY WITH THE REQUIREMENTS UNDER EPA METHOD 204.

E. THE USAGE OF ALL VOC-CONTAINING MATERIALS (RESINS, COATINGS, SOLVENTS, ETC.),
[RULE 1303(a)(1)-BACT]

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11. THE SOURCE TEST SHALL BE CONDUCTED DURING NORMAL OPERATION WHILE THE OXIDIZER IS OPERATING AT A TEMPERATURE OF NOT LESS THAN THE MINIMUM OPERATING TEMPERATURE SPECIFIED IN THIS PERMIT. THE OPERATING TEMPERATURE IN THE COMBUSTION CHAMBER AND WHETHER OR NOT GAS INJECTION IS ON OR OFF SHALL BE RECORDED DURING THE ENTIRE TESTING PERIOD AND INCLUDED IN THE SOURCE TEST REPORT. IF THE OPERATING TEMPERATURE DURING THE SOURCE TEST IS GREATER THAN THE MINIMUM OPERATING TEMPERATURE SPECIFIED IN THIS PERMIT, THE MINIMUM OPERATING TEMPERATURE MAY BE INCREASED AT THE TIME A PERMIT TO OPERATE IS ISSUED TO REFLECT THE OPERATING TEMPERATURE DURING THE SOURCE TEST.

    A. IN ADDITION TO THE TEST DURING NORMAL OPERATION, A SOURCE TEST FOR NOx AND CO EMISSIONS SHALL ALSO BE CONDUCTED DURING THE START-UP OF THE OXIDIZER (WHEN THE START-UP BURNER IS OPERATING) BEFORE THE PROCESS AIR STREAM FROM THE COATING OPERATIONS IS INTRODUCED INTO THE OXIDIZER.

    B. A WRITTEN NOTICE OF THE SOURCE TESTS SHALL BE SUBMITTED TO THE DISTRICT ENGINEER AT LEAST 14 DAYS PRIOR TO THE SOURCE TESTING DATE SO THAT AN OBSERVER FROM THE DISTRICT MAY BE PRESENT.

    C. TWO COMPLETE COPIES OF THE SOURCE TEST REPORT SHALL BE SUBMITTED TO THE DISTRICT ENGINEER WITHIN 45 DAYS AFTER THE SOURCE TESTING DATE. THE SOURCE TEST REPORT SHALL INCLUDE, BUT MAY NOT BE LIMITED TO, ALL TESTING DATA REQUIRED BY THIS PERMIT.

    D. A TESTING LABORATORY CERTIFIED BY THE CALIFORNIA AIR RESOURCES BOARD IN THE REQUIRED TEST METHODS FOR CRITERIA POLLUTANTS TO BE MEASURED, AND IN COMPLIANCE WITH DISTRICT RULE 304 (NO CONFLICT OF INTEREST) SHALL CONDUCT THE TESTS.

    E. SAMPLING FACILITIES SHALL COMPLY WITH THE DISTRICT GUIDELINES FOR CONSTRUCTION OF SAMPLING AND TESTING FACILITIES, PURSUANT TO RULE 217.

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

12. THE OWNER OR OPERATOR OF THIS EQUIPMENT SHALL SUBMIT THE RESULTS OF ALL TESTS (INCLUDING PRELIMINARY TESTS) THAT ARE CONDUCTED ON THIS EQUIPMENT FOR INFORMATIONAL PURPOSES TO THE DISTRICT ENGINEER WITHIN 45 DAYS AFTER THE TESTING DATE.
    [RULE 1303(a)(1)-BACT]

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Periodic Monitoring:

13. THE OPERATOR SHALL CONDUCT SOURCE TEST(S) IN ACCORDANCE WITH THE FOLLOWING SPECIFICATIONS:

    A. THE TEST SHALL BE CONDUCTED AT LEAST ONCE DURING THE LIFE OF THE PERMIT.

    B. THE TEST SHALL BE CONDUCTED NO LATER THAN FEBRUARY 4, 2016 UNLESS OTHERWISE APPROVED IN WRITING BY THE DISTRICT.

    C. THE TEST SHALL BE CONDUCTED TO DETERMINE THE VOC EMISSIONS USING AN APPROVED DISTRICT METHOD TO DEMONSTRATE COMPLIANCE WITH ALL APPLICABLE

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PERMIT CONDITION(S), RULES AND REGULATIONS.

D. THE SOURCE TEST SHALL BE CONDUCTED WHILE THE OXIDIZER IS OPERATING AT A TEMPERATURE OF NOT LESS THAN THE MINIMUM OPERATING TEMPERATURE SPECIFIED IN THIS PERMIT. IF THE OPERATING TEMPERATURE DURING THE SOURCE TEST IS GREATER THAN THE MINIMUM OPERATING TEMPERATURE SPECIFIED IN THIS PERMIT, THE MINIMUM OPERATING TEMPERATURE SPECIFIED IN THIS PERMIT MAY BE INCREASED TO REFLECT THE OPERATING TEMPERATURE DURING THE SOURCE TEST.

E. THE OPERATOR SHALL COMPLY WITH ADMINISTRATIVE CONDITIONS NOs. 8, 9, AND 10 OF SECTION E OF THIS FACILITY PERMIT.

F. THE OPERATOR SHALL SUBMIT TWO COMPLETE COPIES OF THE SOURCE TEST REPORT SPECIFIED IN CONDITION NO. 9 OF SECTION E OF THIS FACILITY PERMIT TO THE DISTRICT ENGINEERING AND COMPLIANCE DIVISION. THE ENGINEERING COPY OF THE REPORT SHALL BE SENT TO: SOUTH COAST AIR QUALITY MANAGEMENT DISTRICT, COATING, PRINTING AND AEROSPACE OPERATIONS, ATTN: AIR QUALITY AND COMPLIANCE SUPERVISOR, 21865 COPLEY DRIVE, DIAMOND BAR, CA 91765. THE COMPLIANCE COPY OF THE REPORT SHALL BE SENT TO: SOUTH COAST AIR QUALITY MANAGEMENT DISTRICT, P.O. BOX 4941, DIAMOND BAR, CA 91765

[RULE 3004(a)(4)]

Emissions and Requirements:

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

CO:	2000 PPMV, RULE 407
PM:	0.1 GR/SCF, RULE 409
PM:	RULE 404, SEE APPENDIX B FOR EMISSION LIMITS
NOx:	60 PPMV, RULE 1147
NOx:	30 PPMV, RULE 1303(a)(1)-BACT

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PERMIT TO CONSTRUCT

A/N 546546
Granted as of
April 30, 2013

Equipment Description:

MODIFICATION TO DRYING OVEN, OPERATING UNDER PERMIT NO. D84916, A/N 294323 CONSISTING OF:

DRYING OVEN, BINKS, BATCH TYPE, 10'-0" W. X 12'-4" L. X 8'-0" H., NATURAL GAS HEATED, 250,000 BTU/HR, WITH A 2,600-SCFM CIRCULATING FAN, AND A 600-SCFM EXHAUST FAN, FOR DRYING PAINTED HELICOPTER PARTS.

BY THE REPLACEMENT OF THE NATURAL GAS FIRED HEATER WITH:

A 500,000 BTU/HR MIDCO LOW NOX NATURAL GAS-FIRED BURNER.

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 OPERATOR SHALL TEST THIS EQUIPMENT IN ACCORDANCE WITH THE FOLLOWING SPECIFICATIONS:

   A. THE SOURCE TEST SHALL BE CONDUCTED NO LATER THAN 180 DAYS AFTER THE MODIFICATION OF THE EQUIPMENT IS COMPLETE UNLESS OTHERWISE APPROVED IN WRITING BY THE DISTRICT.
   B. A SOURCE TEST PROTOCOL SHALL BE SUBMITTED TO THE DISTRICT NO LATER THAN 60 DAYS AFTER THE MODIFCATION OF THE EQUIPMENT IS COMPLETE UNLESS OTHERWISE APPROVED IN WRITING BY THE DISTRICT. THE TEST PROTOCOL SHALL BE APPROVED IN WRITING BY THE DISTRICT BEFORE THE TEST COMMENCES.
   C. THE TEST PROTOCOL SHALL INCLUDE THE PROPOSED OPERATING CONDITIONS OF THE EQUIPMENT DURING THE TEST, THE IDENTITY OF THE TESTING LABORATORY, A STATEMENT FROM THE TESTING LABORATORY CERTIFYING THAT IT MEETS THE CRITERIA IN DISTRICT RULE 304(K), AND A DESCRIPTION OF THE SAMPLING AND ANALYTICAL PROCEDURES TO BE USED.
   D. THE SOURCE TESTS SHALL CONSIST OF, BUT MAY NOT BE LIMITED TO, TESTING OF THE EQUIPMENT NO_X AND CO EMISSIONS, REFERENCED AT 3 PERCENT VOLUME STACK GAS

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OXYGEN ON A DRY BASIS, AT THE MAXIMUM HEAT INPUT RANGE AT WHICH THE UNIT NORMALLY OPERATES.

E. IF THE COMBUSTION DEVICE MAY OPERATE WITH VARIABLE HEAT INPUT THAT FALLS BELOW 50% RATED HEAT INPUT CAPACITY DURING NORMAL OPERATION, ADDITIONAL TESTING FOR NOX AND CO EMISSIONS SHALL BE MADE USING A HEAT INPUT OF LESS THAN 35% OF THE RATED HEAT INPUT CAPACITY.

F. NO_X AND CO EMISSION DETERMINATION SHALL BE AVERAGED OVER A PERIOD OF AT LEAST 15 AND NO MORE THAN 60 CONSECUTIVE MINUTES, AND AT LEAST 15 MINUTES AFTER UNIT START-UP.

G. A WRITTEN NOTICE OF THE SOURCE TESTS SHALL BE SUBMITTED TO THE DISTRICT AT LEAST 14 DAYS PRIOR TO THE SOURCE TESTING DATE SO THAT AN OBSERVER FROM THE DISTRICT MAY BE PRESENT.

H. TWO COMPLETE COPIES OF THE SOURCE TEST REPORT SHALL BE SUBMITTED TO THE DISTRICT WITHIN 45 DAYS AFTER SOURCE TESTING DATE UNLESS OTHERWISE APPROVED IN WRITING BY THE DISTRICT. THE SOURCE TEST REPORT SHALL INCLUDE, BUT MAY NOT BE LIMITED TO, ALL TESTING DATA REQUIRED BY THIS CONDITION.

I. A TESTING LABORATORY CERTIFIED BY THE CALIFORNIA AIR RESOURCES BOARD IN THE REQUIRED TEST METHODS FOR THE CRITERIA POLLUTANTS TO BE MEASURED, AND IN COMPLIANCE WITH DISTRICT RULE 304 (NO CONFLICT OF INTEREST) SHALL CONDUCT THE TEST.

J. SAMPLING FACILITIES SHALL COMPLY WITH THE DISTRICT GUIDELINES FOR CONSTRUCTION OF SAMPLING AND TESTING FACILITIES, PURSUANT TO RULE 217.

K. THE RESULTS OF ALL TESTS (INCLUDING PRELIMINARY TESTS) THAT ARE CONDUCTED ON THIS EQUIPMENT FOR INFORMATIONAL PURPOSES SHALL BE SUBMITTED TO THE DISTRICT WITHIN 45 DAYS AFTER THE TESTING DATE UNLESS OTHERWISE APPROVED IN WRITING BY THE DISTRICT.

L. THE REPORT SHALL INCLUDE AT LEAST THE FOLLOWING (1) NOX CONCENTRATION AND EMISSION RATE, IN PPM AND POUND PER HOUR, (2) CO CONCENTRATION AND EMISSION RATE, IN PPM AND POUND PER HOUR, (3) OXYGEN CONTENT, (4) MOISTURE CONTENT, (5) FLOW RATE, (6) EXHAUST TEMPERATURE, AND (7) NATURAL GAS CONSUMPTION RATE IN CUBIC FEET PER MINUTE.

[RULE 1147, 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

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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:

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

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

FACILITY PERMIT TO OPERATE
ROBINSON HELICOPTER CO INC

PERMIT TO CONSTRUCT

A/N 547179
Granted as of
April 30, 2013

Equipment Description:

MODIFICATION TO SPRAY BOOTH #5, OPERATING UNDER PERMIT TO CONSTRUCT A/N 534350 CONSISTING OF:

SPRAY BOOTH # 5, SPRAY SYSTEM, MODEL NUMBER TB451612-PDT, AUTOMOTIVE TYPE, 22'-0" W. X 49'-10" L. X 13'-8" H., WITH THIRTY-EIGHT 20" X 20" INTAKE FILTERS, FORTY-SIX 20" X 20" ATI FIRST STAGE EXHAUST FILTERS, FORTY SIX 20" X 20" ATI OSM 100 SECOND STAGE EXHAUST FILTERS, FORTY-SIX 20" X 20" ATI A3000 THIRD STAGE EXHAUST FILTERS, ONE 15 H.P. RECIRCULATION BLOWER AND 200,000 BTU PER HOUR NATURAL GAS FIRED HEATER WITH INDIRECT HEAT EXCHANGER.

BY THE REMOVAL OF:

THE VENTING OF THE SPRAY BOOTH TO THE EXISTING THERMAL OXIDIZER.

AND BY THE ADDITION OF:

THE VENTING OF THE SPRAY BOOTH TO THE NEW THERMAL OXIDIZER.

AND BY THE REPLACEMENT OF THE NATURAL GAS FIRED HEATER WITH:

A 500,000 BTU/HR MIDCO LOW NOX NATURAL GAS-FIRED BURNER.

Conditions:

1. OPERATION OF THIS EQUIPMENT SHALL BE CONDUCTED IN ACCORDANCE WITH ALL DATA AND SPECIFICATIONS SUBMITTED WITH THE APPLICATION UNDER WHICH THIS PERMIT IS ISSUED UNLESS OTHERWISE NOTED BELOW.
[RULE 204]

2. THIS EQUIPMENT SHALL BE PROPERLY MAINTAINED AND KEPT IN GOOD OPERATING CONDITION AT ALL TIMES.
[RULE 204]

3. THIS SPRAY BOOTH SHALL NOT BE OPERATED UNLESS ALL EXHAUST AIR PASSES THROUGH THREE STAGES FILTER MEDIA.
[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 1.85 INCHES OF WATER.
[RULE 1303(a)(1)-BACT]

5. MATERIALS USED IN THIS EQUIPMENT SHALL NOT CONTAIN ANY TOXIC AIR CONTAMINANTS LISTED IN TABLE 1 IN RULE 1401, AS AMENDED MAY 2, 2003 OR EARLIER WITH THE EXCEPTION

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OF ETHYL BENZENE, MEK, XYLENE, ISOPROPYL ALCOHOL, TOLUENE, AND NICKEL OXIDE. [RULE 1401]

6. THIS EQUIPMENT SHALL NOT BE OPERATED UNLESS IT IS VENTED TO AN AIR POLLUTION CONTROL SYSTEM WHICH HAS BEEN ISSUED A VALID PERMIT BY THE EXECUTIVE OFFICER. [RULE 1303(a)(1)-BACT]

7. THE OPERATOR SHALL MAINTAIN THIS EQUIPMENT AS A PERMANENT TOTAL ENCLOSURE (PTE) AND COMPLY WITH ALL CRITERIA SPECIFIED IN EPA METHOD 204. [RULE 1303(a)(1)-BACT]

8. IN ADDITION TO THE RECORDKEEPING REQUIREMENT OF RULE 109, THE OPERATOR SHALL KEEP ADEQUATE RECORDS FOR THIS EQUIPMENT TO VERIFY DAILY VOLATILE ORGANIC COMPOUND (VOC), EMISSIONS IN POUNDS AND THE VOC CONTENT OF EACH MATERIAL AS APPLIED (INCLUDING WATER AND EXEMPT COMPOUNDS). ALL RECORDS SHALL BE PREPARED IN A FORMAT WHICH IS ACCEPTABLE TO THE DISTRICT, SHALL BE RETAINED ON THE PREMISES FOR AT LEAST FIVE YEARS, AND SHALL BE MADE AVAILABLE UPON REQUEST OF THE EXECUTIVE OFFICER OR HIS REPRESENTATIVE. [RULE 1303(b)(2)-OFFSET]

9. THE OPERATOR SHALL TEST THIS EQUIPMENT IN ACCORDANCE WITH THE FOLLOWING SPECIFICATIONS:

   A. THE SOURCE TEST SHALL BE CONDUCTED NO LATER THAN 180 DAYS AFTER THE MODIFICATION OF THE EQUIPMENT IS COMPLETE UNLESS OTHERWISE APPROVED IN WRITING BY THE DISTRICT.
   B. A SOURCE TEST PROTOCOL SHALL BE SUBMITTED TO THE DISTRICT NO LATER THAN 60 DAYS AFTER THE MODIFCATION OF THE EQUIPMENT IS COMPLETE UNLESS OTHERWISE APPROVED IN WRITING BY THE DISTRICT. THE TEST PROTOCOL SHALL BE APPROVED IN WRITING BY THE DISTRICT BEFORE THE TEST COMMENCES.
   C. THE TEST PROTOCOL SHALL INCLUDE THE PROPOSED OPERATING CONDITIONS OF THE EQUIPMENT DURING THE TEST, THE IDENTITY OF THE TESTING LABORATORY, A STATEMENT FROM THE TESTING LABORATORY CERTIFYING THAT IT MEETS THE CRITERIA IN DISTRICT RULE 304(K), AND A DESCRIPTION OF THE SAMPLING AND ANALYTICAL PROCEDURES TO BE USED.
   D. THE SOURCE TESTS SHALL CONSIST OF, BUT MAY NOT BE LIMITED TO, TESTING OF THE EQUIPMENT NO_X AND CO EMISSIONS, REFERENCED AT 3 PERCENT VOLUME STACK GAS OXYGEN ON A DRY BASIS, AT THE MAXIMUM HEAT INPUT RANGE AT WHICH THE UNIT NORMALLY OPERATES.
   E. IF THE COMBUSTION DEVICE MAY OPERATE WITH VARIABLE HEAT INPUT THAT FALLS BELOW 50% RATED HEAT INPUT CAPACITY DURING NORMAL OPERATION, ADDITIONAL TESTING FOR NOX AND CO EMISSIONS SHALL BE MADE USING A HEAT INPUT OF LESS THAN 35% OF THE RATED HEAT INPUT CAPACITY.
   F. NO_X AND CO EMISSION DETERMINATION SHALL BE AVERAGED OVER A PERIOD OF AT LEAST 15 AND NO MORE THAN 60 CONSECUTIVE MINUTES, AND AT LEAST 15 MINUTES AFTER UNIT START-UP.
   G. A WRITTEN NOTICE OF THE SOURCE TESTS SHALL BE SUBMITTED TO THE DISTRICT AT LEAST 14 DAYS PRIOR TO THE SOURCE TESTING DATE SO THAT AN OBSERVER FROM THE DISTRICT MAY BE PRESENT.

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H. TWO COMPLETE COPIES OF THE SOURCE TEST REPORT SHALL BE SUBMITTED TO THE DISTRICT WITHIN 45 DAYS AFTER SOURCE TESTING DATE UNLESS OTHERWISE APPROVED IN WRITING BY THE DISTRICT. THE SOURCE TEST REPORT SHALL INCLUDE, BUT MAY NOT BE LIMITED TO, ALL TESTING DATA REQUIRED BY THIS CONDITION.

I. A TESTING LABORATORY CERTIFIED BY THE CALIFORNIA AIR RESOURCES BOARD IN THE REQUIRED TEST METHODS FOR THE CRITERIA POLLUTANTS TO BE MEASURED, AND IN COMPLIANCE WITH DISTRICT RULE 304 (NO CONFLICT OF INTEREST) SHALL CONDUCT THE TEST.

J. SAMPLING FACILITIES SHALL COMPLY WITH THE DISTRICT GUIDELINES FOR CONSTRUCTION OF SAMPLING AND TESTING FACILITIES, PURSUANT TO RULE 217.

K. THE RESULTS OF ALL TESTS (INCLUDING PRELIMINARY TESTS) THAT ARE CONDUCTED ON THIS EQUIPMENT FOR INFORMATIONAL PURPOSES SHALL BE SUBMITTED TO THE DISTRICT WITHIN 45 DAYS AFTER THE TESTING DATE UNLESS OTHERWISE APPROVED IN WRITING BY THE DISTRICT.

L. THE REPORT SHALL INCLUDE AT LEAST THE FOLLOWING (1) NOX CONCENTRATION AND EMISSION RATE, IN PPM AND POUND PER HOUR, (2) CO CONCENTRATION AND EMISSION RATE, IN PPM AND POUND PER HOUR, (3) OXYGEN CONTENT, (4) MOISTURE CONTENT, (5) FLOW RATE, (6) EXHAUST TEMPERATURE, AND (7) NATURAL GAS CONSUMPTION RATE IN CUBIC FEET PER MINUTE.

[RULE 1147, 1303(a)(1)-BACT]

Periodic Monitoring:

10. 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)]

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

Emissions And Requirements:

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

    VOC: RULE 1124, SEE APPENDIX B FOR EMISSION LIMITS
    VOC: RULE 1171, SEE APPENDIX B FOR EMISSION LIMITS
    VOC: RULE 109
    HAP: 40 CFR 63 SUBPART GG, SEE SECTION J FOR REQUIREMENTS
    CO: 2000 PPM, RULE 407

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PM:	RULE 404, SEE APPENDIX B FOR EMISSION LIMITS
PM:	0.1 GR/SCF, RULE 409
PM:	RULE 481
NOx:	30 PPMV, RULE 1147
NOx:	30 PPMV, RULE 1303(a)(1)-BACT

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PERMIT TO CONSTRUCT

A/N 547181
Granted as of
April 30, 2013

Equipment Description:

MODIFICATION TO SPRAY BOOTH #1, OPERATING UNDER PERMIT TO CONSTRUCT A/N 534348 CONSISTING OF:

SPRAY BOOTH #1, BINKS MODEL NUMBER CA-642-TLO, AUTOMOTIVE TYPE, 15'-1" W. X 49'-10" L. X 13'-6" H., WITH THIRTY-EIGHT 20" X 20" INTAKE FILTERS, FORTY-SIX 20" X 20" ATI FIRST STAGE EXHAUST FILTERS, FORTY SIX 20" X 20" ATI OSM 100 SECOND STAGE EXHAUST FILTERS, FORTY-SIX 20" X 20" ATI A3000 THIRD STAGE EXHAUST FILTERS, ONE 15 H.P. RECIRCULATION BLOWER, AND 200,000 BTU PER HOUR NATURAL GAS FIRED HEATER WITH INDIRECT HEAT EXCHANGER.

BY THE REMOVAL OF:

THE VENTING OF THE SPRAY BOOTH TO THE EXISTING THERMAL OXIDIZER.

AND BY THE ADDITION OF:

THE VENTING OF THE SPRAY BOOTH TO THE NEW THERMAL OXIDIZER.

AND BY THE REPLACEMENT OF THE NATURAL GAS FIRED HEATER WITH:

A 500,000 BTU/HR MIDCO LOW NOX NATURAL GAS-FIRED BURNER.

Conditions:

1. OPERATION OF THIS EQUIPMENT SHALL BE CONDUCTED IN ACCORDANCE WITH ALL DATA AND SPECIFICATIONS SUBMITTED WITH THE APPLICATION UNDER WHICH THIS PERMIT IS ISSUED UNLESS OTHERWISE NOTED BELOW.
[RULE 204]

2. THIS EQUIPMENT SHALL BE PROPERLY MAINTAINED AND KEPT IN GOOD OPERATING CONDITION AT ALL TIMES.
[RULE 204]

3. THIS SPRAY BOOTH SHALL NOT BE OPERATED UNLESS ALL EXHAUST AIR PASSES THROUGH THREE STAGES FILTER MEDIA.
[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 1.85 INCHES OF WATER.
[RULE 1303(a)(1)-BACT]

5. MATERIALS USED IN THIS EQUIPMENT SHALL NOT CONTAIN ANY TOXIC AIR CONTAMINANTS LISTED IN TABLE 1 IN RULE 1401, AS AMENDED MAY 2, 2003 OR EARLIER WITH THE EXCEPTION

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OF ETHYL BENZENE, MEK, XYLENE, ISOPROPYL ALCOHOL, TOLUENE, AND NICKEL OXIDE. [RULE 1401]

6. THIS EQUIPMENT SHALL NOT BE OPERATED UNLESS IT IS VENTED TO AN AIR POLLUTION CONTROL SYSTEM WHICH HAS BEEN ISSUED A VALID PERMIT BY THE EXECUTIVE OFFICER. [RULE 1303(a)(1)-BACT]

7. THE OPERATOR SHALL MAINTAIN THIS EQUIPMENT AS A PERMANENT TOTAL ENCLOSURE (PTE) AND COMPLY WITH ALL CRITERIA SPECIFIED IN EPA METHOD 204. [RULE 1303(a)(1)-BACT]

8. IN ADDITION TO THE RECORDKEEPING REQUIREMENT OF RULE 109, THE OPERATOR SHALL KEEP ADEQUATE RECORDS FOR THIS EQUIPMENT TO VERIFY DAILY VOLATILE ORGANIC COMPOUND (VOC), EMISSIONS IN POUNDS AND THE VOC CONTENT OF EACH MATERIAL AS APPLIED (INCLUDING WATER AND EXEMPT COMPOUNDS). ALL RECORDS SHALL BE PREPARED IN A FORMAT WHICH IS ACCEPTABLE TO THE DISTRICT, SHALL BE RETAINED ON THE PREMISES FOR AT LEAST FIVE YEARS, AND SHALL BE MADE AVAILABLE UPON REQUEST OF THE EXECUTIVE OFFICER OR HIS REPRESENTATIVE. [RULE 1303(b)(2)-OFFSET]

9. THE OPERATOR SHALL TEST THIS EQUIPMENT IN ACCORDANCE WITH THE FOLLOWING SPECIFICATIONS:

   A. THE SOURCE TEST SHALL BE CONDUCTED NO LATER THAN 180 DAYS AFTER THE MODIFICATION OF THE EQUIPMENT IS COMPLETE UNLESS OTHERWISE APPROVED IN WRITING BY THE DISTRICT.
   B. A SOURCE TEST PROTOCOL SHALL BE SUBMITTED TO THE DISTRICT NO LATER THAN 60 DAYS AFTER THE MODIFCATION OF THE EQUIPMENT IS COMPLETE UNLESS OTHERWISE APPROVED IN WRITING BY THE DISTRICT. THE TEST PROTOCOL SHALL BE APPROVED IN WRITING BY THE DISTRICT BEFORE THE TEST COMMENCES.
   C. THE TEST PROTOCOL SHALL INCLUDE THE PROPOSED OPERATING CONDITIONS OF THE EQUIPMENT DURING THE TEST, THE IDENTITY OF THE TESTING LABORATORY, A STATEMENT FROM THE TESTING LABORATORY CERTIFYING THAT IT MEETS THE CRITERIA IN DISTRICT RULE 304(K), AND A DESCRIPTION OF THE SAMPLING AND ANALYTICAL PROCEDURES TO BE USED.
   D. THE SOURCE TESTS SHALL CONSIST OF, BUT MAY NOT BE LIMITED TO, TESTING OF THE EQUIPMENT NO_X AND CO EMISSIONS, REFERENCED AT 3 PERCENT VOLUME STACK GAS OXYGEN ON A DRY BASIS, AT THE MAXIMUM HEAT INPUT RANGE AT WHICH THE UNIT NORMALLY OPERATES.
   E. IF THE COMBUSTION DEVICE MAY OPERATE WITH VARIABLE HEAT INPUT THAT FALLS BELOW 50% RATED HEAT INPUT CAPACITY DURING NORMAL OPERATION, ADDITIONAL TESTING FOR NOX AND CO EMISSIONS SHALL BE MADE USING A HEAT INPUT OF LESS THAN 35% OF THE RATED HEAT INPUT CAPACITY.
   F. NO_X AND CO EMISSION DETERMINATION SHALL BE AVERAGED OVER A PERIOD OF AT LEAST 15 AND NO MORE THAN 60 CONSECUTIVE MINUTES, AND AT LEAST 15 MINUTES AFTER UNIT START-UP.
   G. A WRITTEN NOTICE OF THE SOURCE TESTS SHALL BE SUBMITTED TO THE DISTRICT AT LEAST 14 DAYS PRIOR TO THE SOURCE TESTING DATE SO THAT AN OBSERVER FROM THE DISTRICT MAY BE PRESENT.

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H. TWO COMPLETE COPIES OF THE SOURCE TEST REPORT SHALL BE SUBMITTED TO THE DISTRICT WITHIN 45 DAYS AFTER SOURCE TESTING DATE UNLESS OTHERWISE APPROVED IN WRITING BY THE DISTRICT. THE SOURCE TEST REPORT SHALL INCLUDE, BUT MAY NOT BE LIMITED TO, ALL TESTING DATA REQUIRED BY THIS CONDITION.

I. A TESTING LABORATORY CERTIFIED BY THE CALIFORNIA AIR RESOURCES BOARD IN THE REQUIRED TEST METHODS FOR THE CRITERIA POLLUTANTS TO BE MEASURED, AND IN COMPLIANCE WITH DISTRICT RULE 304 (NO CONFLICT OF INTEREST) SHALL CONDUCT THE TEST.

J. SAMPLING FACILITIES SHALL COMPLY WITH THE DISTRICT GUIDELINES FOR CONSTRUCTION OF SAMPLING AND TESTING FACILITIES, PURSUANT TO RULE 217.

K. THE RESULTS OF ALL TESTS (INCLUDING PRELIMINARY TESTS) THAT ARE CONDUCTED ON THIS EQUIPMENT FOR INFORMATIONAL PURPOSES SHALL BE SUBMITTED TO THE DISTRICT WITHIN 45 DAYS AFTER THE TESTING DATE UNLESS OTHERWISE APPROVED IN WRITING BY THE DISTRICT.

L. THE REPORT SHALL INCLUDE AT LEAST THE FOLLOWING (1) NOX CONCENTRATION AND EMISSION RATE, IN PPM AND POUND PER HOUR, (2) CO CONCENTRATION AND EMISSION RATE, IN PPM AND POUND PER HOUR, (3) OXYGEN CONTENT, (4) MOISTURE CONTENT, (5) FLOW RATE, (6) EXHAUST TEMPERATURE, AND (7) NATURAL GAS CONSUMPTION RATE IN CUBIC FEET PER MINUTE.

[RULE 1147, 1303(a)(1)-BACT]

Periodic Monitoring:

10. 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)]

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

Emissions And Requirements:

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

    VOC: RULE 1124, SEE APPENDIX B FOR EMISSION LIMITS
    VOC: RULE 1171, SEE APPENDIX B FOR EMISSION LIMITS
    VOC: RULE 109
    HAP: 40 CFR 63 SUBPART GG, SEE SECTION J FOR REQUIREMENTS

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CO:	2000 PPM, RULE 407
PM:	RULE 404, SEE APPENDIX B FOR EMISSION LIMITS
PM:	0.1 GR/SCF, RULE 409
PM:	RULE 481
NOx:	30 PPMV, RULE 1147
NOx:	30 PPMV, RULE 1303(a)(1)-BACT

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RULE 219 EQUIPMENT

Equipment Description:

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

Periodic Monitoring:

1. THE OPERATOR SHALL KEEP RECORDS, IN A MANNER APPROVED BY THE DISTRICT, FOR THE FOLLOWING PARAMETER(S) OR ITEM(S):

   FOR ARCHITECTURAL APPLICATIONS WHERE NO THINNERS, REDUCERS, OR OTHER VOC CONTAINING MATERIALS ARE ADDED, MAINTAIN SEMI-ANNUAL RECORDS OF ALL COATINGS CONSISTING OF (a) COATING TYPE, (b) VOC CONTENT AS SUPPLIED IN GRAMS PER LITER (g/l) OF MATERIALS FOR LOW-SOLIDS COATINGS AND, AND (c) VOC CONTENT AS SUPPLIED IN g/l OF COATING, LESS WATER AND EXEMPT SOLVENT, FOR OTHER COATINGS.

   FOR OTHER ARCHITECTURAL APPLICATIONS WHERE THINNERS, REDUCERS, OR OTHER VOC CONTAINING MATERIALS ARE ADDED, MAINTAIN DAILY RECORDS FOR EACH COATING CONSISTING OF (a) COATING TYPE, (b) VOC CONTENT AS APPLIED IN GRAMS PER LITER (g/l) OF MATERIALS USED FOR LOW-SOLIDS COATINGS, AND (c) VOC CONTENT AS APPLIED IN g/l OF COATING, LESS WATER AND EXEMPT SOLVENT, FOR OTHER COATING.

   [RULE 3004 (a) (4)]

Emissions and Requirements:

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

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

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RULE 219 EQUIPMENT

Equipment Description:

RULE 219 EXEMPT EQUIPMENT, HAND WIPING OPERATIONS.

Emissions and Requirements:

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

   VOC: RULE 1171, SEE APPENDIX B FOR EMISSION LIMITS
   HAP: 40 CFR 63 SUBPART GG, SEE SECTION J FOR REQUIREMENTS
   VOC: RULE 109

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RULE 219 EQUIPMENT

Equipment Description:

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

Emissions and Requirements:

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

   VOC: RULE 1122
   VOC: RULE 1171, SEE APPENDIX B FOR EMISSION LIMITS
   VOC: RULE 109

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RULE 219 EQUIPMENT

Equipment Description:

RULE 219 EXEMPT EQUIPMENT, ABRASIVE BLASTING EQUIPMENT, GLOVE-BOX, < 53 FT^3, WITH DUST FILTER.

Periodic Monitoring:

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

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

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

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

Emissions and Requirements:

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