South Coast
Air Quality Management District
21865 Copley Drive, Diamond Bar, CA 91765-4178
(909) 396-2000 · www.aqmd.gov

May 7, 2014

Mr. Gerardo Rios
Chief – Permits Office
U. S. EPA, Region IX
75 Hawthorne Street, Air 3
San Francisco, CA 94105

Dear Mr. Rios:

Subject: Abbott Cardiovascular Systems, Inc. (ID 045489) – Title V Permit Revision

Abbott Cardiovascular Systems, Inc. (ID 045489) needs to revise their Title V permit due to the proposed installation of a new spray booth. The new spray booth will be used to apply coatings onto guide wires. Abbott Cardiovascular Systems, Inc. is located at 26531 Ynez Road, Temecula, CA 92591. This facility manufactures therapeutic medical devices used in the treatment of atherosclerotic disease of the coronary and peripheral arteries. This proposed permit revision is considered as a "De Minimis Significant permit revision" to their Title V permit. Attached for your review are the evaluation and permit for the proposed revision. With your expected receipt of the proposed Title V permit revision today, we will note that the EPA 45-day review period begins on May 7, 2014.

If you have any questions or need additional information regarding the proposed permit revision, please call Stephen Jiang of my staff at (909) 396-3134.

Very truly yours,

Mohan Balagopalan
Senior Manager
Chemical, Mechanical, and Ports Permitting

MB:DG:syj
Attachments

FACILITY PERMIT TO OPERATE

ABBOTT CARDIOVASCULAR SYSTEMS, INC.
26531 YNEZ RD
TEMECULA, CA 92591

NOTICE

IN ACCORDANCE WITH RULE 206, THIS PERMIT TO OPERATE OR A COPY THEREOF MUST BE KEPT AT THE LOCATION FOR WHICH IT IS ISSUED.

THIS PERMIT DOES NOT AUTHORIZE THE EMISSION OF AIR CONTAMINANTS IN EXCESS OF THOSE ALLOWED BY DIVISION 26 OF THE HEALTH AND SAFETY CODE OF THE STATE OF CALIFORNIA OR THE RULES OF THE SOUTH COAST AIR QUALITY MANAGEMENT DISTRICT. THIS PERMIT SHALL NOT BE CONSTRUED AS PERMISSION TO VIOLATE EXISTING LAWS, ORDINANCES, REGULATIONS OR STATUTES OF ANY OTHER FEDERAL, STATE OR LOCAL GOVERNMENTAL AGENCIES.

Barry R. Wallerstein, D. Env.
EXECUTIVE OFFICER

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

FACILITY PERMIT TO OPERATE
ABBOTT CARDIOVASCULAR SYSTEMS, INC.

TABLE OF CONTENTS

Section	Description	Revision #	Date Issued
A	Facility Information	DRAFT	05/07/2014
B	RECLAIM Annual Emission Allocation	DRAFT	05/07/2014
C	Facility Plot Plan	TO BE DEVELOPED	
D	Facility Description and Equipment Specific Conditions	DRAFT	05/07/2014
E	Administrative Conditions	DRAFT	05/07/2014
F	RECLAIM Monitoring and Source Testing Requirements	DRAFT	05/07/2014
G	Recordkeeping and Reporting Requirements for RECLAIM Sources	DRAFT	05/07/2014
H	Permit To Construct and Temporary Permit to Operate	DRAFT	05/07/2014
I	Compliance Plans & Schedules	DRAFT	05/07/2014
J	Air Toxics	DRAFT	05/07/2014
K	Title V Administration	DRAFT	05/07/2014
Appendix			
A	NOx and SOx Emitting Equipment Exempt From Written Permit Pursuant to Rule 219	DRAFT	05/07/2014
B	Rule Emission Limits	DRAFT	05/07/2014

FACILITY PERMIT TO OPERATE
ABBOTT CARDIOVASCULAR SYSTEMS, INC.

Facility Equipment and Requirements
(Section D)

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

FACILITY PERMIT TO OPERATE
ABBOTT CARDIOVASCULAR SYSTEMS, INC.

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
317616	F4131	I C E (>500 HP) EM ELEC GEN DIESEL
358501	F22021	I C E (>-500 HP) EM ELEC GEN-DIESEL
518886	G13003	SCRUBBER
518885	G13004	SCRUBBER
518884	G13002	SCRUBBER
419503	F71623	AIR POLLUTION CONTROL SYSTEM
529249	G16455	LASER CUTTING MACHINE
443789	F83293	I C E (>-500 HP) EM ELEC GEN-DIESEL
447835	F83295	ETHYLENE OXIDE STERILIZER, HOSPITAL
447836	F83294	ETHYLENE OXIDE STERILIZER, HOSPITAL
447837	F83299	AIR POLLUTION CONTROL SYSTEM
518884	G13002	AIR POLLUTION CONTROL SYSTEM
497147	G5761	AIR POLLUTION CONTROL SYSTEM
487407	G21362	BOILER (5-20 MMBTU/HR) NAT GAS ONLY
487409	G21363	BOILER (5-20 MMBTU/HR) NAT GAS ONLY
487410	G21364	BOILER (5-20 MMBTU/HR) NAT GAS ONLY
487445	F99218	BOILER (<5 MMBTU/HR) NAT GAS ONLY
487556	F99219	BOILER (<5 MMBTU/HR) NAT GAS ONLY
487447	F99220	BOILER (<5 MMBTU/HR) NAT GAS ONLY
487448	F99221	BOILER (<5 MMBTU/HR) NAT GAS ONLY
524958	G15506	EXTRUDER
526846	G15507	EXTRUDER
560736	GXXXX	SPRAY BOOTH

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

FACILITY PERMIT TO OPERATE
ABBOTT CARDIOVASCULAR SYSTEMS, INC.

FACILITY WIDE CONDITION(S)

Condition(s):

1. EXCEPT FOR OPEN ABRASIVE BLASTING OPERATIONS, THE OPERATOR SHALL NOT DISCHARGE INTO THE ATMOSPHERE FROM ANY SINGLE SOURCE OF EMISSIONS WHATSOEVER ANY AIR CONTAMINANT FOR A PERIOD OR PERIODS AGGREGATING MORE THAN THREE MINUTES IN ANY ONE HOUR WHICH IS:

   A. AS DARK OR DARKER IN SHADE AS THAT DESIGNATED NO. 1 ON THE RINGLEMANN CHART, AS PUBLISHED BY THE UNITED STATES BUREAU OF MINES; OR

   B. OF SUCH OPACITY AS TO OBSCURE AN OBSERVER'S VIEW TO A DEGREE EQUAL TO OR GREATER THAN DOES SMOKE DESCRIBED IN SUBPARAGRAPH (A) OF THIS CONDITION. [RULE 401]

2. THE OPERATOR SHALL NOT USE FUEL OIL CONTAINING SULFUR COMPOUNDS IN EXCESS OF 15 PPM BY WEIGHT.
   [RULE 431.2]

3. THE OPERATOR SHALL NOT USE GASEOUS FUEL CONTAINING SULFUR COMPOUNDS IN EXCESS OF 40 PPMV CALCULATED AS HYDROGEN SULFIDE AVERAGED OVER FOUR HOURS. [RULE 431.1].

FACILITY PERMIT TO OPERATE
ABBOTT CARDIOVASCULAR SYSTEMS, INC.

PERMIT TO OPERATE

Permit No. F4131
A/N 317616

Equipment Description:

INTERNAL COMBUSTION ENGINE, CATERPILLAR, MODEL 3512 TA, TWELVE CYLINDER, DIESEL FUELED, 1568 B.H.P., TURBOCHARGED/AFTERCOOLED, DRIVING AN EMERGENCY ELECTRICAL GENERATOR.

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 OPERATING TIME OF THIS ENGINE SHALL NOT EXCEED 199 HOURS IN ANY ONE YEAR.
[RULE 1110.2, 1304(a)(4)-OFFSET AND MODELING EXEMPTION]

4. A NON-RESETTABLE TIMER SHALL BE MAINTAINED TO INDICATE THE ENGINES ELAPSED OPERATING TIME.
[RULE 1110.2, 1304(a)(4)-OFFSET AND MODELING EXEMPTION]

5. AN ENGINE OPERATING LOG LISTING THE DATE OF OPERATION, THE ELAPSED OPERATING TIME, IN HOURS, AND THE REASON FOR OPERATION SHALL BE KEPT AND MAINTAINED ON FILE FOR A MINIMUM OF FIVE YEARS AND MADE AVAILABLE TO AQMD PERSONNEL UPON REQUEST.
[RULE 1110.2, 1304(a)(4)-OFFSET AND MODELING EXEMPTION]

6. THIS ENGINE SHALL HAVE THE FUEL INJECTION TIMING RETARDED BY FOUR DEGREES WITH RESPECT TO STANDARD TIMING.
[RULE 1303(a)(1)-BACT]

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
   [Rule 404]

FACILITY PERMIT TO OPERATE
ABBOTT CARDIOVASCULAR SYSTEMS, INC.

PERMIT TO OPERATE

Permit No. F22021
A/N 358501

Equipment Description:

INTERNAL COMBUSTION ENGINE, CATERPILLAR, 16 CYLINDERS, TURBOCHARGED, AFTERCOOLED, MODEL NO. 3516 DITA (1750 KW), 2518 BHP, DIESEL-FUELED, DRIVING AN EMERGENCY ELECTRICAL GENERATOR.

Conditions:

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

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

3. A TIMER SHALL BE MAINTAINED TO INDICATE THE ENGINE ELAPSED OPERATING TIME.
[RULE 1303(a)(1)-BACT]

4. THE OPERATING TIME OF THIS ENGINE SHALL NOT EXCEED 72 HOURS IN ANY ONE YEAR.
[RULE 1303(a)(1)-BACT]

5. AN ENGINE OPERATING LOG LISTING THE DATE OF OPERATION, THE ELAPSED TIME, IN HOURS, AND THE REASON FOR OPERATION SHALL BE KEPT AND MAINTAINED ON FILE FOR A MINIMUM OF TWO YEARS AND MADE AVAILABLE TO DISTRICT PERSONNEL UPON REQUEST.
[RULE 1303(a)(1)-BACT]

6. THE FUEL INJECTION TIMING OF THIS ENGINE SHALL BE SET AND MAINTAINED AT 4 DEGREES RETARDED RELATIVE TO PRODUCTION TIMING AS ESTABLISHED BY CATERPILLAR IN PRODUCT NEWS BULLETIN 'REQUIREMENTS TO COMPLY WITH SCAQMD CERTIFIED EQUIPMENT.
[RULE 1303(a)(1)-BACT]

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
[RULE 404]

FACILITY PERMIT TO OPERATE
ABBOTT CARDIOVASCULAR SYSTEMS, INC.

PERMIT TO OPERATE

Permit No. G13003
A/N 518886

Equipment Description

AIR POLLUTION CONTROL SYSTEM CONSISTING OF:

1. SCRUBBER, HARRINGTON, MODEL ECH 4, 4' -0" W. x 12' -0" L x 7' -3" H, WITH LANPAC POLYPROPYLENE PACKING MEDIA, SPRAY NOZZLES, AND MIST ELIMINATOR.

2. EXHAUST SYSTEM WITH TWO 5.36-HP BLOWERS, VENTING UP TO EIGHT BENCH TYPE ACID POLISHING BAYS.

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 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 SODIUM HYDROXIDE, PHOSPHORIC ACID, HYDROCHLORIC ACID, SULFURIC ACID, NITRIC ACID, AND ETHYLENE GLYCOLS.
[Rule 1401]

4. A DIFFERENTIAL PRESSURE GAUGE, INDICATING INCHES OF WATER COLUMN, SHALL BE INSTALLED AND MAINTAINED ACROSS THE SCRUBBER. THE DIFFERENTIAL PRESSURE ACROSS THE PACKING SHALL NOT EXCEED 2.0 INCHES OF WATER COLUMN WHEN THE EQUIPMENT IT SERVES IS IN OPERATION.
[RULE 1405]

5. A CONTINUOUS FLOW METER INDICATING THE FLOW RATE IN GALLONS PER MINUTE SHALL BE INSTALLED AND MAINTAINED ON THE RECIRCULATION LINE TO THE SCRUBBER. NOT LESS THAN 80 GALLONS PER MINUTE OF RECIRCULATING SCRUBBER SOLUTION SHALL BE SUPPLIED TO THE SCRUBBER SPRAY NOZZLES WHEN THE EQUIPMENT IT SERVES IS IN OPERATION.
[RULE 1405]

FACILITY PERMIT TO OPERATE
ABBOTT CARDIOVASCULAR SYSTEMS, INC.

6. AN AUTOMATIC PH METER AND CONTROLLER SHALL BE INSTALLED AND MAINTAINED TO CONTINUOUSLY MEASURE AND RECORD THE pH OF THE RECIRCULATION SCRUBBING SOLUTION. THE SCRUBBING SOLUTION SHALL BE MAINTAINED AT pH 8.0 OR HIGHER WHEN THE EQUIPMENT IT SERVES IS IN OPERATION.
[RULE 1405]

Periodic Monitoring:

7. A DAILY OPERATION RECORD OF THIS EQUIPMENT SHALL BE MAINTAINED IN A WRITTEN FORM. THE RECORD SHALL INCLUDE, AT A MINIMUM, THE MINIMUM PH OF THE SCRUBBING SOLUTION, DIFFERENTIAL PRESSURE ACROSS THE SCRUBBER, AND FLOW RATE OF THE SCRUBBING SOLUTION AND MAKE UP WATER. THESE RECORDS SHALL BE KEPT FOR A MINIMUM OF FIVE YEARS AND MADE AVAILABLE UPON REQUEST BY DISTRICT PERSONNEL.
[RULE 3004(a)(4) MONITORING AND RECORDKEEPING]

FACILITY PERMIT TO OPERATE
ABBOTT CARDIOVASCULAR SYSTEMS, INC.

PERMIT TO OPERATE

Permit No. G13004
A/N 518885

Equipment Description

AIR POLLUTION CONTROL SYSTEM CONSISTING OF:

1. SCRUBBER, HARRINGTON, MODEL ECH 4, 4' -0" W. x 12' -0" L x 7' -3" H, WITH LANPAC POLYPROPYLENE PACKING MEDIA, SPRAY NOZZLES, AND MIST ELIMINATOR.

2. EXHAUST SYSTEM WITH TWO 5.36-HP BLOWERS, VENTING UP TO EIGHT ACID POLISHING BAYS.

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 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 SODIUM HYDROXIDE, PHOSPHORIC ACID, HYDROCHLORIC ACID, SULFURIC ACID, NITRIC ACID, AND ETHYLENE GLYCOLS.
[Rule 1401]

4. A DIFFERENTIAL PRESSURE GAUGE, INDICATING INCHES OF WATER COLUMN, SHALL BE INSTALLED AND MAINTAINED ACROSS THE SCRUBBER. THE DIFFERENTIAL PRESSURE ACROSS THE PACKING SHALL NOT EXCEED 2.0 INCHES OF WATER COLUMN WHEN THE EQUIPMENT IT SERVES IS IN OPERATION.
[RULE 1405]

5. A CONTINUOUS FLOW METER INDICATING THE FLOW RATE IN GALLONS PER MINUTE SHALL BE INSTALLED AND MAINTAINED ON THE RECIRCULATION LINE TO THE SCRUBBER. NOT LESS THAN 80 GALLONS PER MINUTE OF RECIRCULATING SCRUBBER SOLUTION SHALL BE SUPPLIED TO THE SCRUBBER SPRAY NOZZLES WHEN THE EQUIPMENT IT SERVES IS IN OPERATION.
[RULE 1405]

FACILITY PERMIT TO OPERATE
ABBOTT CARDIOVASCULAR SYSTEMS, INC.

6. AN AUTOMATIC PH METER AND CONTROLLER SHALL BE INSTALLED AND MAINTAINED TO CONTINUOUSLY MEASURE AND RECORD THE pH OF THE RECIRCULATION SCRUBBING SOLUTION. THE SCRUBBING SOLUTION SHALL BE MAINTAINED AT pH 8.0 OR HIGHER WHEN THE EQUIPMENT IT SERVES IS IN OPERATION.
[RULE 1405]

Periodic Monitoring:

7. A DAILY OPERATION RECORD OF THIS EQUIPMENT SHALL BE MAINTAINED IN A WRITTEN FORM. THE RECORD SHALL INCLUDE, AT A MINIMUM, MINIMUM PH OF THE SCRUBBING SOLUTION, DIFFERENTIAL PRESSURE ACROSS THE SCRUBBER, AND FLOW RATE OF THE SCRUBBING SOLUTION AND MAKE UP WATER. THESE RECORDS SHALL BE KEPT FOR A MINIMUM OF FIVE YEARS AND MADE AVAILABLE UPON REQUEST BY DISTRICT PERSONNEL.
[RULE 3004(a)(4) MONITORING AND RECORDKEEPING]

FACILITY PERMIT TO OPERATE
ABBOTT CARDIOVASCULAR SYSTEMS, INC.

PERMIT TO OPERATE

Permit No. G13002
A/N 518884

Equipment Description

AIR POLLUTION CONTROL SYSTEM CONSISTING OF:

1. SCRUBBER, HARRINGTON, MODEL ECH 44-5, 5' -8" W. x 11' -8" L x 6' -8" H, WITH SPRAY NOZZLE.

2. EXHAUST SYSTEM WITH TWO 20-HP BLOWERS, VENTING UP TO 10 ACID POLISHING BAYS.

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 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 SODIUM HYDROXIDE, PHOSPHORIC ACID, HYDROCHLORIC ACID, SULFURIC ACID, NITRIC ACID, AND ETHYLENE GLYCOLS.
[Rule 1401]

4. A DIFFERENTIAL PRESSURE GAUGE, INDICATING INCHES OF WATER COLUMN, SHALL BE INSTALLED AND MAINTAINED ACROSS THE SCRUBBER. THE DIFFERENTIAL PRESSURE ACROSS THE PACKING SHALL NOT EXCEED 2.0 INCHES OF WATER COLUMN WHEN THE EQUIPMENT IT SERVES IS IN OPERATION.
[RULE 1405]

5. A CONTINUOUS FLOW METER INDICATING THE FLOW RATE IN GALLONS PER MINUTE SHALL BE INSTALLED AND MAINTAINED ON THE RECIRCULATION LINE TO THE SCRUBBER. NOT LESS THAN 80 GALLONS PER MINUTE OF RECIRCULATING SCRUBBER SOLUTION SHALL BE SUPPLIED TO THE SCRUBBER SPRAY NOZZLES WHEN THE EQUIPMENT IT SERVES IS IN OPERATION.
[RULE 1405]

6. AN AUTOMATIC PH METER AND CONTROLLER SHALL BE INSTALLED AND MAINTAINED TO CONTINUOUSLY MEASURE AND RECORD THE pH OF THE RECIRCULATION SCRUBBING SOLUTION. THE SCRUBBING SOLUTION SHALL BE MAINTAINED AT pH 8.0 OR HIGHER WHEN THE EQUIPMENT IT SERVES IS IN OPERATION.
[RULE 1405]

FACILITY PERMIT TO OPERATE
ABBOTT CARDIOVASCULAR SYSTEMS, INC.

Periodic Monitoring:

7. A DAILY OPERATION RECORD OF THIS EQUIPMENT SHALL BE MAINTAINED IN A WRITTEN FORM. THE RECORD SHALL INCLUDE, AT A MINIMUM, MINIMUM PH OF THE SCRUBBING SOLUTION, DIFFERENTIAL PRESSURE ACROSS THE SCRUBBER, AND FLOW RATE OF THE SCRUBBING SOLUTION AND MAKE UP WATER. THESE RECORDS SHALL BE KEPT FOR A MINIMUM OF FIVE YEARS AND MADE AVAILABLE UPON REQUEST BY DISTRICT PERSONNEL. [RULE 3004(a)(4) MONITORING AND RECORDKEEPING]

FACILITY PERMIT TO OPERATE
ABBOTT CARDIOVASCULAR SYSTEMS, INC.

PERMIT TO OPERATE

Permit No. F71623
A/N 419503

Equipment Description:

AIR POLLUTION CONTROL SYSTEM CONSISTING OF:
1. CATALYTIC OXIDIZER, DONALDSON, MODEL ETO ABATOR, WITH 8.5 KW ELECTRICAL PREHEATER .
2. EXHAUST SYSTEM WITH A 3/4-H.P. BLOWER VENTING TO TWO STERILIZERS.

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. CATALYST BED TEMPERATURE SHALL BE MAINTAINED ABOVE 280 DEGREES F AND NOT TO EXCEED 500 DEGREES F EXCEPT DURING START-UP OPERATIONS.
[RULE 1303(a)(1)-BACT]

4 THIS EQUIPMENT SHALL NOT BE PURGED OR AIRWASHED UNLESS IT IS VENTED TO THE AIR POLLUTION CONTROL EQUIPMENT, WHICH IS IN FULL USE AND HAS BEEN ISSUED A PERMIT TO OPERATE.
[RULE 1303(a)(1)-BACT]

5. THIS EQUIPMENT SHALL BE IN FULL USE WHEN THE STERILIZER IT SERVES IS IN OPERATION.
[RULE 1303(a)(1)-BACT

6. THE STERILIZER EXHAUST SYSTEM SHALL BE LEAK FREE.
[RULE 1303(a)(1)-BACT]

7. LEAK INSPECTIONS SHALL BE CONDUCTED ONCE EVERY SIX MONTHS IN ACCORDANCE WITH RULE 1405.
[RULE 1405]

8. RECORDS OF THE LEAK INSPECTIONS SHALL BE MAINTAINED IN ACCORDANCE WITH RULE 1405, AND KEPT ON FILE FOR AT LEAST FIVE YEARS AND BE MADE AVAILABLE TO DISTRICT STAFF UPON REQUEST.
[Rue 1405]

9. THIS EQUIPMENT SHALL COMPLY WITH THE REQUIREMENTS OF RULE 1405.
[Rule 1405]

FACILITY PERMIT TO OPERATE
ABBOTT CARDIOVASCULAR SYSTEMS, INC.

PERMIT TO OPERATE

Permit No. G16455
A/N 529249

Equipment Description

LASER CUTTING AND LATHING SYSTEM, BUILDING A, CONSISTING OF:

1. 11 LASERS, SPI FIBER, EACH 100 WATTS MAXIMUM, 5 – 10 WATTS IN USE

2. 5 LASERS, LASAQ, EACH 250 WATTS MAXIMUM, 5 – 10 WATTS IN USE

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 PROCESS MORE THAN 6400 STENTS IN ANY ONE DAY.
[RULE 1401]

4. THIS EQUIPMENT SHALL NOT PROCESS MORE THAN 1280 STAINLESS STEEL STENTS IN ANY ONE DAY.
[RULE 1401]

5. MATERIALS USED 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 (NOT TO EXCEED 21%), OR NICKEL (NOT TO EXCEED 15%).
[Rule 1401]

Periodic Monitoring

6. THE OPERATOR SHALL KEEP A DAILY RECORD OF THE NUMBER OF STENTS AND THE TYPE OF ALLOY PROCESSED. SUCH RECORD SHALL BE KEPT FOR A MINIMUM OF FIVE YEARS AND SHALL BE AVAILABLE TO DISTRICT STAFF UPON REQUEST.
[RULE 3004(a)(4) MONITORING AND RECORDKEEPING]

FACILITY PERMIT TO OPERATE
ABBOTT CARDIOVASCULAR SYSTEMS, INC.

PERMIT TO OPERATE

Permit No. F83293
A/N 443789

Equipment Description:

INTERNAL COMBUSTION ENGINE, CATERPILLAR, 6 CYLINDER, TURBOCHARGED, AFTERCOOLED, MODEL 3456 DITA AA, 764 BHP, DIESEL FUELED, DRIVING AN EMERGENCY ELECTRICAL GENERATOR.

Conditions:

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

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

3. THE OPERATION OF THIS ENGINE BEYOND 20 HOURS PER YEAR FOR MAINTENANCE AND PERFORMANCE TESTING SHALL BE ALLOWED ONLY IN THE EVENT OF A LOSS OF GRID POWER OR UP TO 30 MINUTES PRIOR TO ROTATING OUTAGES, PROVIDED THAT THE UTILITY DISTRIBUTION COMPANY HAS ORDERED ROTATING OUTAGES IN THE CONTROL AREA WHERE THE ENGINE IS LOCATED, OR HAS INDICATED THAT THE DISTRIBUTION COMPANY IS EXPECTED TO ISSUE SUCH ORDER AT A CERTAIN TIME, AND THE ENGINE IS LOCATED IN THE UTILITY SERVICE BLOCK THAT IS SUBJECT TO THE ROTATING OUTAGE. ENGINE OPERATION SHALL BE TERMINATED IMMEDIATELY AFTER THE UTILITY DISTRIBUTION COMPANY ADVISES THAT A ROTATING OUTAGE IS NO LONGER IMMINENT OR IN EFFECT.
[RULE 1470]

4. THIS ENGINE SHALL NOT BE OPERATED MORE THAN A TOTAL OF 200 HOURS IN ANY ONE CALENDAR YEAR, WHICH INCLUDES NO MORE THAN 20 HOURS FOR MAINTENANCE AND PERFORMANCE TESTING.
[RULE 1470]

5. AN OPERATIONAL, NON-RESETTABLE ELAPSED TIME METER SHALL BE INSTALLED AND MAINTAINED TO INDICATE THE ENGINE ELAPSED OPERATING TIME.
[RULE 1470]

6. THIS ENGINE SHALL NOT BE USED AS PART OF A DEMAND RESPONSE PROGRAM USING INTERRUPTIBLE SERVICE CONTRACT IN WHICH A FACILITY RECEIVES A PAYMENT OR REDUCED RATE IN RETURN FOR REDUCING ITS ELECTRIC LOAD ON THE GRID WHEN REQUESTED TO DO SO BY THE UTILITY COMPANY OR THE GRID OPERATOR.
[RULE 1470]

FACILITY PERMIT TO OPERATE
ABBOTT CARDIOVASCULAR SYSTEMS, INC.

7. THIS ENGINE SHALL COMPLY WITH ALL APPLICABLE REQUIREMENTS OF RULES 431.2 AND 1470.
[RULES 431.2, 1470]

Periodic Monitoring

8. AN ENGINE OPERATING LOG SHALL BE MAINTAINED ON A MONTHLY BASIS, WHICH SHALL INCLUDE MANUAL AND AUTOMATIC OPERATION AND SHALL LIST ALL ENGINE OPERATIONS IN EACH OF THE FOLLOWING AREAS:
A. EMERGENCY USE HOURS OF OPERATION
B. MAINTENANCE AND TESTING HOURS
C. OTHER OPERATING HOURS (DESCRIBE THE REASON FOR OPERATION). IN ADDITION, EACH TIME THE ENGINE IS STARTED MANUALLY, THE LOG SHALL INCLUDE THE DATE OF OPERATION AND THE TIMER READING IN HOURS AT THE BEGINNING AND END OF OPERATION. THE LOG SHALL BE KEPT FOR A MINIMUM OF FIVE YEARS AND BE MADE AVAILABLE TO DISTRICT STAFF UPON REQUEST. THE TOTAL HOURS OF OPERATION FOR THE PREVIOUS CALENDAR YEAR SHALL BE RECORDED SOMETIME DURING THE FIRST 15 DAYS OF JANUARY OF EACH YEAR.
[RULE 3004(a)(4)- MONITORING AND RECORDKEEPING]

FACILITY PERMIT TO OPERATE
ABBOTT CARDIOVASCULAR SYSTEMS, INC.

PERMIT TO OPERATE

Permit No. F83295
A/N 447835

Equipment Description:

STERILIZER, ETHYLENE OXIDE, 3M MODEL 8 XL, 8.8 CUBIC FEET INTERNAL 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. THE OPERATOR SHALL NOT OPERATE THIS STERILIZER UNLESS IT IS VENTED TO AN AIR POLLUTION CONTROL EQUIPMENT, WHICH IS IN FULL USE AND HAS BEEN ISSUED A PERMIT TO OPERATE BY THE EXECUTIVE OFFICER.
[Rule 1303(a)(1)-BACT]

4. THIS EQUIPMENT SHALL NOT USE MORE THAN 170 GRAMS OF ETHYLENE OXIDE IN ANY ONE CYCLE.
[Rule 1401]

5. THE OPERATOR SHALL CONDUCT NO MORE THAN TWO STERILIZING CYCLES IN THIS EQUIPMENT IN ANY ONE DAY.
[Rule 1401]

6. THE OPERATOR SHALL MAINTAIN THE STERILIZER EXHAUST SYSTEM TO BE LEAK FREE, WITH LEAK TESTS CONDUCTED EVERY SIX MONTHS IN ACCORDANCE WITH THE TEST METHODS SPECIFIED IN RULE 1405.
[Rule 1405]

7. THE OPERATOR SHALL NOT PURGE OR AIRWASH THIS EQUIPMENT UNLESS IT IS VENTED TO AN AIR POLLUTION CONTROL EQUIPMENT, WHICH IS IN FULL USE AND HAS BEEN ISSUED A PERMIT TO OPERATE.
[Rule 1304(a)(1)]

Periodic Monitoring:

8. THE OPERATOR SHALL MAINTAIN A DAILY OPERATING LOG AND RECORD THE LEAK TESTS IN ACCORDANCE WITH RULE 1405, WHICH SHALL BE KEPT ON FILE FOR AT LEAST FIVE YEARS, AND BE MADE AVAILABLE TO AQMD PERSONNEL UPON REQUEST.
[RULE 3004(a)(4)- MONITORING AND RECORDKEEPING]

FACILITY PERMIT TO OPERATE
ABBOTT CARDIOVASCULAR SYSTEMS, INC.

PERMIT TO OPERATE

Permit No. F83294
A/N 447836

Equipment Description:

STERILIZER, ETHYLENE OXIDE, 3M, MODEL 8XL, 8.8 CUBIC FEET INTERNAL 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. THE OPERATOR SHALL NOT OPERATE THIS STERILIZER UNLESS IT IS VENTED TO AN AIR POLLUTION CONTROL EQUIPMENT, WHICH IS IN FULL USE AND HAS BEEN ISSUED A PERMIT TO OPERATE BY THE EXECUTIVE OFFICER.
[Rule 1304(a)(1) BACT]

4. THIS EQUIPMENT SHALL NOT USE MORE THAN 170 GRAMS OF ETHYLENE OXIDE IN ANY ONE CYCLE.
[Rule 1401]

5. THE OPERATOR SHALL CONDUCT NO MORE THAN TWO STERILIZING CYCLES IN THIS EQUIPMENT IN ANY ONE DAY.
[Rule 1401]

6. THE OPERATOR SHALL MAINTAIN THE STERILIZER EXHAUST SYSTEM TO BE LEAK FREE, WITH LEAK TESTS CONDUCTED EVERY SIX MONTHS IN ACCORDANCE WITH THE TEST METHODS SPECIFIED IN RULE 1405.
[RULE 1405]

7. THE OPERATOR SHALL NOT PURGE OR AIRWASH THIS EQUIPMENT UNLESS IT IS VENTED TO AN AIR POLLUTION CONTROL EQUIPMENT, WHICH IS IN FULL USE AND HAS BEEN ISSUED A PERMIT TO OPERATE.
[RULE 1304(a)(1) BACT]

Periodic Monitoring:

8. THE OPERATOR SHALL MAINTAIN A DAILY OPERATING LOG AND RECORD THE LEAK TESTS IN ACCORDANCE WITH RULE 1405, WHICH SHALL BE KEPT ON FILE FOR AT LEAST FIVE YEARS, AND BE MADE AVAILABLE TO AQMD PERSONNEL UPON REQUEST.
[RULE 1405, 3004(a)(4)MONITORING AND RECORDKEEPING]

FACILITY PERMIT TO OPERATE
ABBOTT CARDIOVASCULAR SYSTEMS, INC.

PERMIT TO OPERATE

Permit No. F83299
A/N 447837

Equipment Description:

AIR POLLUTION CONTROL SYSTEM CONSISTING OF:

1. CATALYTIC OXIDIZER, 3M, MODEL 50 SCFM, 5 KW ELECTRIC PREHEATER.
2. EXHAUST BLOWER, 2 HP, 50 CFM

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 CATALYST BED TEMPERATURE SHALL BE MAINTAINED ABOVE 280 BUT NOT TO EXCEED 500 DEGREES F EXCEPT DURING START-UP OPERATIONS OF THIS EQUIPMENT.
[RULE 1303(a)(1)-BACT]

4. THE OPERATOR SHALL INSTALL AND MAINTAIN A CONTINUOUS TEMPERATURE INDICATOR AND RECORDER TO ACCURATELY INDICATE AND RECORD THE TEMPERATURE AT THE EXHAUST OF THE OXIDIZER.
[RULE 1303(a)(1)-BACT]

5. THIS EQUIPMENT SHALL BE IN FULL USE WHEN THE STERILIZER IT SERVES IS IN OPERATION.
[RULE 1303(a)(1)-BACT]

6. ONLY ONE STERILIZER SHALL BE VENTED TO THIS EQUIPMENT AT ANY ONE TIME. THIS EQUIPMENT IS SUBJECT TO THE APPLICABLE REQUIREMENTS OF RULE 1405.
[RULE 1303(a)(1)-BACT]

7. THIS EQUIPMENT IS SUBJECT TO THE APPLICABLE REQUIREMENTS OF RULE 1405.
[RULE 1405]

FACILITY PERMIT TO OPERATE
ABBOTT CARDIOVASCULAR SYSTEMS, INC.

PERMIT TO CONSTRUCT/OPERATE

Permit No. G13002
A/N 518884

Equipment Description

AIR POLLUTION CONTROL SYSTEM CONSISTING OF:

1. SCRUBBER, HARRINGTON, MODEL ECH 44-5 LB, 5' -8" W. x 11' -8" L x 6' -11" H, WITH SPRAY NOZZLE.

2. EXHAUST SYSTEM WITH TWO 20-HP BLOWERS, VENTING UP TO 10 BENCH-TYPE ACID POLISHING BAYS.

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 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 SODIUM HYDROXIDE, PHOSPHORIC ACID, HYDROCHLORIC ACID, SULFURIC ACID, NITRIC ACID, AND ETHYLENE GLYCOLS.
[Rule 1401]

4. A DIFFERENTIAL PRESSURE GAUGE, INDICATING INCHES OF WATER COLUMN, SHALL BE INSTALLED AND MAINTAINED ACROSS THE SCRUBBER. THE DIFFERENTIAL PRESSURE ACROSS THE PACKING SHALL NOT EXCEED 2.0 INCHES OF WATER COLUMN WHEN THE EQUIPMENT IT SERVES IS IN OPERATION.
[RULE 1405]

5. A CONTINUOUS FLOW METER INDICATING GALLONS PER MINUTE SHALL BE MAINTAINED IN THE SCRUBBING SOLUTION RECIRCULATION LINE TO THE SCRUBBER. NOT LESS THAN 55 GALLONS PER MINUTE OF RECIRCULATING SCRUBBER SOLUTION SHALL BE SUPPLIED TO THE SCRUBBER SPRAY NOZZLES WHEN THE EQUIPMENT IT SERVES IS IN OPERATION.
[RULE 1303(a)(1)-BACT]

FACILITY PERMIT TO OPERATE
ABBOTT CARDIOVASCULAR SYSTEMS, INC.

6. THE SCRUBBING SOLUTION TO THE SCRUBBER NOZZLES SHALL BE MAINTAINED AT pH 8.0 OR HIGHER WHEN THE EQUIPMENT IT SERVES IS IN OPERATION. AN AUTOMATIC pH METER AND CONTROLLER SHALL BE INSTALLED AND MAINTAINED TO CONTINUOUSLY MEASURE AND RECORD THE pH OF THE SOLUTION.
[RULE 1303(a)(1)-BACT]

Periodic Monitoring:

7. A DAILY OPERATION RECORD OF THIS EQUIPMENT SHALL BE MAINTAINED IN A WRITTEN FORM. THE RECORD SHALL INCLUDE, AT A MINIMUM, THE MINIMUM PH OF THE SCRUBBING SOLUTION, DIFFERENTIAL PRESSURE ACROSS THE SCRUBBER, AND FLOW RATE OF THE SCRUBBING SOLUTION AND MAKE UP WATER. THESE RECORDS SHALL BE KEPT FOR A MINIMUM OF FIVE YEARS AND MADE AVAILABLE UPON REQUEST BY DISTRICT PERSONNEL.
[RULE 3004(a)(4) MONITORING AND RECORDKEEPING]

FACILITY PERMIT TO OPERATE
ABBOTT CARDIOVASCULAR SYSTEMS, INC.

PERMIT TO CONSTRUCT/OPERATE

Permit No. G5761
A/N 497147

Equipment Description

AIR POLLUTION CONTROL SYSTEM NO. 1 CONSISTING OF:

1. SCRUBBER, HARRINGTON, MODEL ECH 4, 4' -0" W. X 12' -0" L. X 7' -3". H, WITH SPRAY NOZZLE.

2. EXHAUST SYSTEM WITH TWO 20-HP BLOWERS, VENTING BENCH-TYPE POLISHING STATIONS.

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 IN THIS EQUIPMENT SHALL NOT CONTAIN ANY TOXIC AIR CONTAMINANTS IDENTIFIED IN RULE 1401, TABLE I, WITH AN EFFECTIVE DATE OF MARCH 7, 2008 OR EARLIER, EXCEPT FOR SODIUM HYDROXIDE (CAS # 1310-73-2), PHOSPHORIC ACID (CAS # 7664-38-20), AND HYDROCHLORIC ACID (CAS # 7647-01-0).
[Rule 1401]

4. NOT LESS THAN 55 GALLONS PER MINUTE OF RECIRCULATING SCRUBBER SOLUTION SHALL BE SUPPLIED TO THE SCRUBBER SPRAY NOZZLES WHEN THE EQUIPMENT IT SERVES IS IN OPERATION.
[RULE 1303(a)(1)-BACT]

5. A FLOW METER INDICATING GALLONS PER MINUTE (GPM) SHALL BE MAINTAINED IN THE SCRUBBING SOLUTION CIRCULATION LINE TO THE SCRUBBER.
[RULE 1303(a)(1)-BACT]

6. THE SCRUBBING SOLUTION TO THE SCRUBBER NOZZLES SHALL BE MAINTAINED AT pH 8.0 OR HIGHER. THE pH METER SHALL BE USED TO MEASURE THE pH OF THE SOLUTION ON A DAILY BASIS.
[RULE 1303(a)(1)-BACT]

FACILITY PERMIT TO OPERATE
ABBOTT CARDIOVASCULAR SYSTEMS, INC.

Periodic Monitoring:

7. RECORDS SHALL BE MAINTAINED TO DEMONSTRATE COMPLIANCE WITH CONDITIONS 4 AND 6. THE RECORDS SHALL BE KEPT FOR AT LEAST FIVE YEARS AND BE MADE AVAILABLE TO DISTRICT PERSONNEL UPON REQUEST.
[RULE 3004(a)(4) MONITORING AND RECORDKEEPING]

FACILITY PERMIT TO OPERATE
ABBOTT CARDIOVASCULAR SYSTEMS, INC.

PERMIT TO OPERATE

Permit No. G21362
A/N 487407

Equipment Description:

BOILER NO. 1, WATERTUBE TYPE, CLEAVER BROOKS MODEL FLX 700-800, EQUIPPED WITH LOW NO_X BURNER, 8 MMBTU/HR, NATURAL GAS FIRED.

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 BOILER SHALL BE EQUIPPED WITH A CONTROL SYSTEM TO AUTOMATICALLY REGULATE COMBUSTION AIR AND FUEL AS THE BOILER LOAD VARIES. THIS AUTOMATIC CONTROL SYSTEM SHALL BE ADJUSTED AND TUNED AT LEAST ONCE EVERY SIX MONTHS ACCORDING TO THE MANUFACTURER'S SPECIFICATIONS TO MAINTAIN ITS ABILITY TO REPEAT THE SAME PERFORMANCE AT THE SAME FIRING RANGE. NOX, O_2, AND CO SHALL BE MEASURED AND RECORDED ALONG WITH THE TUNE-UP PROCEDURES.
[Rule 1146]

4. THE NO_X AND CO CONCENTRATIONS, IN PARTS PER MILLION BY VOLUME (PPMV), ON A DRY BASIS CORRECTED TO 3% OXYGEN, SHALL NOT EXCEED THE FOLLOWING:

POLLUTANTS	PPMV
NO_X	12
CO	100

[Rule 1303(a)-BACT]

5. THE OPERATOR SHALL NOT OPERATE ALL OF THE THREE BOILERS AT THE SAME TIME.
[Rule 1303(b)(2)-OFFSET]

Periodic Monitoring:

6. RECORDS SHALL BE MAINTAINED TO PROVE COMPLIANCE WITH CONDITION NO. 5. SUCH RECORDS SHALL BE KEPT FOR AT LEAST THE LAST FIVE YEARS AND BE MADE AVAILABLE TO DISTRICT PERSONNEL UPON REQUEST.
[RULE 3004(a)(4) MONITORING AND RECORDKEEPING]

FACILITY PERMIT TO OPERATE
ABBOTT CARDIOVASCULAR SYSTEMS, INC.

PERMIT TO OPERATE

Permit No. G21363
A/N 487409

Equipment Description:

BOILER NO. 2, WATERTUBE TYPE, CLEAVER BROOKS MODEL FLX 700-800, EQUIPPED WITH LOW NO_X BURNER, 8 MMBTU/HR, NATURAL GAS FIRED.

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 BOILER SHALL BE EQUIPPED WITH A CONTROL SYSTEM TO AUTOMATICALLY REGULATE COMBUSTION AIR AND FUEL AS THE BOILER LOAD VARIES. THIS AUTOMATIC CONTROL SYSTEM SHALL BE ADJUSTED AND TUNED AT LEAST ONCE EVERY SIX MONTHS ACCORDING TO THE MANUFACTURER'S SPECIFICATIONS TO MAINTAIN ITS ABILITY TO REPEAT THE SAME PERFORMANCE AT THE SAME FIRING RANGE. NOX, O_2, AND CO SHALL BE MEASURED AND RECORDED ALONG WITH THE TUNE-UP PROCEDURES.
[Rule 1146]

4. THE NO_X AND CO CONCENTRATIONS, IN PARTS PER MILLION BY VOLUME (PPMV), ON A DRY BASIS CORRECTED TO 3% OXYGEN, SHALL NOT EXCEED THE FOLLOWING:

POLLUTANTS	PPMV
NO_X	12
CO	100

[Rule 1303(a)-BACT]

5. THE OPERATOR SHALL NOT OPERATE ALL OF THE THREE BOILERS AT THE SAME TIME.
[Rule 1303(b)(2)-OFFSET]

Periodic Monitoring:

6. RECORDS SHALL BE MAINTAINED TO PROVE COMPLIANCE WITH CONDITION NO. 5. SUCH RECORDS SHALL BE KEPT FOR AT LEAST THE LAST FIVE YEARS AND BE MADE AVAILABLE TO DISTRICT PERSONNEL UPON REQUEST.
[RULE 3004(a)(4) MONITORING AND RECORDKEEPING]

FACILITY PERMIT TO OPERATE
ABBOTT CARDIOVASCULAR SYSTEMS, INC.

PERMIT TO OPERATE

Permit No. G21364
A/N 487410

Equipment Description:

BOILER NO. 3, WATERTUBE TYPE, CLEAVER BROOKS MODEL FLX 700-800, EQUIPPED WITH LOW NO_X BURNER, 8 MMBTU/HR, NATURAL GAS FIRED.

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 BOILER SHALL BE EQUIPPED WITH A CONTROL SYSTEM TO AUTOMATICALLY REGULATE COMBUSTION AIR AND FUEL AS THE BOILER LOAD VARIES. THIS AUTOMATIC CONTROL SYSTEM SHALL BE ADJUSTED AND TUNED AT LEAST ONCE EVERY SIX MONTHS ACCORDING TO THE MANUFACTURER'S SPECIFICATIONS TO MAINTAIN ITS ABILITY TO REPEAT THE SAME PERFORMANCE AT THE SAME FIRING RANGE. NOX, O_2, AND CO SHALL BE MEASURED AND RECORDED ALONG WITH THE TUNE-UP PROCEDURES.
[Rule 1146]

4. THE NO_X AND CO CONCENTRATIONS, IN PARTS PER MILLION BY VOLUME (PPMV), ON A DRY BASIS CORRECTED TO 3% OXYGEN, SHALL NOT EXCEED THE FOLLOWING:

POLLUTANTS	PPMV
NO_X	12
CO	100

[Rule 1303(a)-BACT]

5. THE OPERATOR SHALL NOT OPERATE ALL OF THE THREE BOILERS AT THE SAME TIME.
[Rule 1303(b)(2)-OFFSET]

Periodic Monitoring:

6. RECORDS SHALL BE MAINTAINED TO PROVE COMPLIANCE WITH CONDITION NO. 5. SUCH RECORDS SHALL BE KEPT FOR AT LEAST THE LAST FIVE YEARS AND BE MADE AVAILABLE TO DISTRICT PERSONNEL UPON REQUEST.
[RULE 3004(a)(4) MONITORING AND RECORDKEEPING]

FACILITY PERMIT TO OPERATE
ABBOTT CARDIOVASCULAR SYSTEMS, INC.

PERMIT TO OPERATE

Permit No. F99218
A/N 487445

Equipment Description:

BOILER, WATERTUBE TYPE, PARKER BOILERS, MODEL T-3900LR, EQUIPPED WITH LOW NO_X BURNER, 3.9 MMBTU/HR, NATURAL GAS FIRED, AND A 3 H.P. COMBUSTION BLOWER.

Conditions:

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

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

3. THIS EQUIPMENT MAY NOT BURN MORE THAN 2,675,000 CUBIC FEET OF NATURAL GAS IN ANY ONE MONTH. A NON-RESETTABLE, TOTALIZING FUEL FLOW METER SHALL BE MAINTAINED IN THE FULE SUPPLY TO MEASURE THE AMOUNT OF NATURAL GAS BURNED.
[RULE 1303(b)(2)-OFFSET]

4. THE NO_X AND CO CONCENTRATIONS, IN PARTS PER MILLION BY VOLUME (PPMV), ON A DRY BASIS CORRECTED TO 3% OXYGEN, SHALL NOT EXCEED THE FOLLOWING:

POLLUTANTS	PPMV
NO_X	12
CO	100

[Rule 1303(a)-BACT]

Periodic Monitoring:

5. RECORDS SHALL BE MAINTAINED TO PROVE COMPLIANCE WITH CONDITION NO. 3. SUCH RECORDS SHALL BE KEPT FOR AT LEAST THE LAST FIVE YEARS AND BE MADE AVAILABLE TO DISTRICT PERSONNEL UPON REQUEST.
[RULE 3004(a)(4) MONITORING AND RECORDKEEPING]

FACILITY PERMIT TO OPERATE
ABBOTT CARDIOVASCULAR SYSTEMS, INC.

PERMIT TO OPERATE

Permit No. F99219
A/N 487446

Equipment Description:

BOILER, WATERTUBE TYPE, PARKER BOILERS, MODEL T-3900LR, EQUIPPED WITH LOW NO_X BURNER, 3.9 MMBTU/HR, NATURAL GAS FIRED, AND A 3 H.P. COMBUSTION BLOWER.

Conditions:

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

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

3. THIS EQUIPMENT MAY NOT BURN MORE THAN 2,675,000 CUBIC FEET OF NATURAL GAS IN ANY ONE MONTH. A NON-RESETTABLE, TOTALIZING FUEL FLOW METER SHALL BE MAINTAINED IN THE FULE SUPPLY TO MEASURE THE AMOUNT OF NATURAL GAS BURNED.
[RULE 1303(b)(2)-OFFSET]

4. THE NO_X AND CO CONCENTRATIONS, IN PARTS PER MILLION BY VOLUME (PPMV), ON A DRY BASIS CORRECTED TO 3% OXYGEN, SHALL NOT EXCEED THE FOLLOWING:

POLLUTANTS	PPMV
NO_X	12
CO	100

[Rule 1303(a)-BACT]

Periodic Monitoring:

5. RECORDS SHALL BE MAINTAINED TO PROVE COMPLIANCE WITH CONDITION NO. 3. SUCH RECORDS SHALL BE KEPT FOR AT LEAST THE LAST FIVE YEARS AND BE MADE AVAILABLE TO DISTRICT PERSONNEL UPON REQUEST.
[RULE 3004(a)(4) MONITORING AND RECORDKEEPING]

FACILITY PERMIT TO OPERATE
ABBOTT CARDIOVASCULAR SYSTEMS, INC.

PERMIT TO OPERATE

Permit No. F99220
A/N 487447

Equipment Description:

BOILER, WATERTUBE TYPE, PARKER BOILERS, MODEL T-3900LR, EQUIPPED WITH LOW NO_X BURNER, 3.9 MMBTU/HR, NATURAL GAS FIRED, AND A 3 H.P. COMBUSTION BLOWER.

Conditions:

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

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

3. THIS EQUIPMENT MAY NOT BURN MORE THAN 2,675,000 CUBIC FEET OF NATURAL GAS IN ANY ONE MONTH. A NON-RESETTABLE, TOTALIZING FUEL FLOW METER SHALL BE MAINTAINED IN THE FULE SUPPLY TO MEASURE THE AMOUNT OF NATURAL GAS BURNED.
[RULE 1303(b)(2)-OFFSET]

4. THE NO_X AND CO CONCENTRATIONS, IN PARTS PER MILLION BY VOLUME (PPMV), ON A DRY BASIS CORRECTED TO 3% OXYGEN, SHALL NOT EXCEED THE FOLLOWING:

POLLUTANTS	PPMV
NO_X	12
CO	100

[Rule 1303(a)-BACT]

Periodic Monitoring:

5. RECORDS SHALL BE MAINTAINED TO PROVE COMPLIANCE WITH CONDITION NO. 3. SUCH RECORDS SHALL BE KEPT FOR AT LEAST THE LAST FIVE YEARS AND BE MADE AVAILABLE TO DISTRICT PERSONNEL UPON REQUEST.
[RULE 3004(a)(4) MONITORING AND RECORDKEEPING]

FACILITY PERMIT TO OPERATE
ABBOTT CARDIOVASCULAR SYSTEMS, INC.

PERMIT TO OPERATE

Permit No. F99221
A/N 487448

Equipment Description:

BOILER, WATERTUBE TYPE, PARKER BOILERS, MODEL T-3900LR, EQUIPPED WITH LOW NO_X BURNER, 3.9 MMBTU/HR, NATURAL GAS FIRED, AND A 3 H.P. COMBUSTION BLOWER.

Conditions:

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

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

3. THIS EQUIPMENT MAY NOT BURN MORE THAN 2,675,000 CUBIC FEET OF NATURAL GAS IN ANY ONE MONTH. A NON-RESETTABLE, TOTALIZING FUEL FLOW METER SHALL BE MAINTAINED IN THE FULE SUPPLY TO MEASURE THE AMOUNT OF NATURAL GAS BURNED.
[RULE 1303(b)(2)-OFFSET]

4. THE NO_X AND CO CONCENTRATIONS, IN PARTS PER MILLION BY VOLUME (PPMV), ON A DRY BASIS CORRECTED TO 3% OXYGEN, SHALL NOT EXCEED THE FOLLOWING:

POLLUTANTS	PPMV
NO_X	12
CO	100

[Rule 1303(a)-BACT]

Periodic Monitoring:

5. RECORDS SHALL BE MAINTAINED TO PROVE COMPLIANCE WITH CONDITION NO. 3. SUCH RECORDS SHALL BE KEPT FOR AT LEAST THE LAST FIVE YEARS AND BE MADE AVAILABLE TO DISTRICT PERSONNEL UPON REQUEST.
[RULE 3004(a)(4) MONITORING AND RECORDKEEPING]

FACILITY PERMIT TO OPERATE
ABBOTT CARDIOVASCULAR SYSTEMS, INC.

PERMIT TO OPERATE

Permit No. G15506
A/N 524958

Equipment Description

PLASTIC EXTRUSION LINE #1 CONSISTING OF:

1. HOPPER, WITH A DRYER, EDD NO. 2067198, 1.66 W ELECTRICALLY HEATED, DRI-AIR, ARID-X10, 1'D X 2'6"H

2. EXTRUDER, 70 RPM, EDD NO. 2068465, WITH A 2.25 KW ELECTRICALLY HEATED BARREL MELTER, AND A 3 HP MIXER, 4"W X 1'10"L X 4"H

Conditions:

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

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

3. MATERIALS USED 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.
[RULE 1401]

4. THIS EQUIPMENT SHALL NOT PROCESS MORE THAN 7200 POUNDS OF MATERIAL PER MONTH.
[RULE 1303(b)(2)-OFFSET]

Periodic Monitoring:

5. A MONTHLY OPERATION RECORD OF THIS EQUIPMENT SHALL BE MAINTAINED IN A WRITTEN FORM. THESE RECORDS SHALL BE KEPT FOR A MINIMUM OF FIVE YEARS AND MADE AVAILABLE UPON REQUEST BY DISTRICT PERSONNEL.
[RULE 3004(a)(4) MONITORING AND RECORDKEEPING]

FACILITY PERMIT TO OPERATE
ABBOTT CARDIOVASCULAR SYSTEMS, INC.

PERMIT TO OPERATE

Permit No. G15507
A/N 526846

Equipment Description

PLASTIC EXTRUSION LINE #8 CONSISTING OF:

1. HOPPER (SHARED), WITH A DRYER, EDD NO. 2067198, 1.66 W ELECTRICALLY HEATED, DRI-AIR, ARID-X10, 1'D X 2'6"H

2. EXTRUDER, 35 RPM, EDD NO. 2068464, WITH A 2.25 KW ELECTRICALLY HEATED BARREL MELTER, AND A 3 HP MIXER, 4.75"W X 1'10"L X 4.75"H

Conditions:

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

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

3. MATERIALS USED 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.
[RULE 1401]

4. THIS EQUIPMENT SHALL NOT PROCESS MORE THAN 7200 POUNDS OF MATERIAL PER MONTH.
[RULE 1303(b)(2)-OFFSET]

Periodic Monitoring:

5. A MONTHLY OPERATION RECORD OF THIS EQUIPMENT SHALL BE MAINTAINED IN A WRITTEN FORM. THESE RECORDS SHALL BE KEPT FOR A MINIMUM OF FIVE YEARS AND MADE AVAILABLE UPON REQUEST BY DISTRICT PERSONNEL.
[RULE 3004(a)(4) MONITORING AND RECORDKEEPING]

FACILITY PERMIT TO OPERATE
ABBOTT CARDIOVASCULAR SYSTEMS, INC.

PERMIT TO CONSTRUCT

Permit No. GXXXX
A/N 560736

Equipment Description

SPRAY BOOTH, COAST INDUSTRIAL SYSTEMS, FLOOR TYPE, 10'-4" W. × 19'-2"D. × 14'-4" H., WITH FOUR-STAGE FILTER SYSTEM CONSISTING OF THIRTY 20"×20"×1" PRE-FILTERS, THIRTY 20"×20"×2" PANEL FILTER, THIRTY 20"×20"×15" BAG POCKET FILTERS, SIXTEEN 24"×24"×12" HEPA FILTERS AND ONE 15-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 WAS 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 PRE-FILTERS, BAG-TYPE FILTERS AND HEPA FILTERS.
[RULE 1303(A)(1) – BACT]

4. THE OPERATIONS CONDUCTED IN THIS SPRAY BOOTH SHALL COMPLY WITH RULE 1107 AND 1469.1.
[RULE 1107, RULE 1469.1]

5. THE OPERATOR SHALL INSTALL THE HEPA FILTERS RATED AT 99.97% OR MORE EFFICIENT IN COLLECTING PARTICLE SIZES 0.3 MICRONS OR GREATER IN SIZE.
[RULE 1303(A)(1) – BACT, RULE 1469.1]

6. THE OPERATOR SHALL NOT TURN OFF THE EXHAUST FAN OF THIS EQUIPMENT UNTIL 5 MINUTES AFTER SPRAYING OPERATIONS HAVE CEASED WHEN COATINGS CONTAINING HEXAVALENT CHROME HAVE BEEN SPRAYED. THE OPERATOR SHALL MAINTAIN RECORDS IN A MANNER APPROVED BY THE DISTRICT, TO DEMONSTRATE COMPLIANCE WITH THIS CONDITION.
[RULE 1469.1]

7. THE OPERATOR SHALL INSTALL AND MAINTAIN A MECHANICAL GAUGE TO INDICATE, IN INCHES WATER COLUMN, THE STATIC PRESSURE DIFFERENTIAL ACROSS THE HEPA FILTERS.
[RULE 1303(A)(1) – BACT]

8. THE PRESSURE DROP ACROSS THE HEPA FILTERS SHALL NOT EXCEED 5 INCHES WATER COLUMN.

FACILITY PERMIT TO OPERATE
ABBOTT CARDIOVASCULAR SYSTEMS, INC.

[RULE 1303(A)(1) – BACT]

9. THE OPERATOR SHALL LIMIT THE AMOUNT OF COATING MATERIALS USED IN THIS EQUIPMENT TO NO MORE THAN 440 POUNDS PER MONTH.
[RULE 1303(B)(2) – OFFSET]

10. MATERIALS USED 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 THE FOLLOWING AT THE ANNUAL USAGE LIMITS AS SHOWN BELOW:

TOXIC AIR CONTAMINANT	CAS NO.	ANNUAL USAGE (LBS/YR)
CHROMIC ACID	1333-82-0	396
PHOSPHORIC ACID	7664-38-2	316.8

[RULE 1401]

11. THE OWNER OR OPERATOR OF THIS EQUIPMENT SHALL CONDUCT SOURCE TEST(S) UNDER THE FOLLOWING CONDITIONS:

A. THE SOURCE TEST(S) 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. THE SOURCE TEST(S) SHALL BE PERFORMED TO MEASURE HEXAVALENT AND TOTAL CHROME EMISSION LEVELS.

C. DURING THE SOURCE TEST, THE FOLLOWING OPERATING PARAMETERS AND MATERIAL USAGES, BUT NOT BE LIMITED TO, SHALL BE RECORDED:

(1) TOTAL AND HEXAVALENT CHROME EMISSIONS AT THE EXHAUST, IN LBS/HR,
(2) DIFFERENTIAL PRESSURES ACROSS HEPA FILTERS, IN INCHES OF WATER,
(3) USAGE OF THE COATING MATERIAL(S), IN GALLONS AND POUNDS,
(4) AMOUNT OF ACID ACCELERATOR (CHROMIC AND PHOSPHORIC ACID) ADDED TO THE COATING MIXTURE, IN WT%,
(5) EXHAUST FLOW RATE, AND
(6) TEMPERATURE.

D. THE TESTS SHALL BE CONDUCTED WHILE THE SPRAY GUN IS OPERATING AT MAXIMUM SPRAYING RATES.

E. THE TEST SHALL BE CONDUCTED USING CARB METHOD 425.

F. TWO COMPLETE COPIES OF THE SOURCE TEST REPORTS SHALL BE SUBMITTED TO THE DISTRICT (ADDRESSED TO SOUTH COAST AIR QUALITY MANAGEMENT DISTRICT, ATTN: STEPHEN JIANG, P.O. BOX 4941, DIAMOND BAR, CA 91765) WITHIN 45 DAYS AFTER THE SOURCE TEST DATE.

FACILITY PERMIT TO OPERATE
ABBOTT CARDIOVASCULAR SYSTEMS, INC.

G. A TESTING LABORATORY CERTIFIED BY THE CALIFORNIA AIR RESOURCES BOARD AND/OR THE SCAQMD LABORATORY APPROVAL PROGRAM, AND IN COMPLIANCE WITH DISTRICT RULE 304 (NO CONFLICT OF INTEREST) SHALL CONDUCT THE TEST.

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

[RULE 1401; RULE 212]

Periodic Monitoring

12. MATERIAL SAFETY DATA SHEETS FOR ALL MATERIALS USED IN THIS EQUIPMENT SHALL BE KEPT CURRENT AND BE MADE AVAILABLE TO THE EXECUTIVE OFFICER OR HIS REPRESENTATIVE UPON REQUEST.
[RULE 3004 (A)(4)]

13. THE OPERATOR SHALL MAINTAIN ADEQUATE RECORDS TO VERIFY COMPLIANCE WITH CONDITION NOS. 4, 6, 7, 8 AND 9 ABOVE. SUCH RECORDS SHALL BE KEPT ON THE PREMISES FOR AT LEAST FIVE YEARS AND BE MADE AVAILABLE TO THE EXECUTIVE OFFICER OR HIS REPRESENTATIVE UPON REQUEST.
[RULE 3004 (A)(4)]

Emissions and Requirements:

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

VOC: RULE 1107
Cr^{6+}: RULE 1469.1

FACILITY PERMIT TO OPERATE
ABBOTT CARDIOVASCULAR SYSTEMS, INC.

RULE 219 EQUIPMENT

Equipment Description:

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

Periodic Monitoring:

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

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

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

   [RULE 3004 (a) (4) MONITORING AND RECORDKEEPING]

Emissions And Requirements:

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

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

FACILITY PERMIT TO OPERATE
ABBOTT CARDIOVASCULAR SYSTEMS, INC.

RULE 219 EQUIPMENT

Equipment Description:

RULE 219 EXEMPT EQUIPMENT, HAND WIPING OPERATIONS.

Emissions And Requirements:

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

   VOC: RULE 1171, SEE APPENDIX B FOR EMISSION LIMITS
   [RULE 1171]

FACILITY PERMIT TO OPERATE
ABBOTT CARDIOVASCULAR SYSTEMS, INC.

RULE 219 EQUIPMENT

Equipment Description:

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

Emissions And Requirements:

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

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

FACILITY PERMIT TO OPERATE
ABBOTT CARDIOVASCULAR SYSTEMS, INC.

RULE 219 EQUIPMENT

Equipment Description:

RULE 219 EXEMPT EQUIPMENT, ABRASIVE BLASTING EQUIPMENT, GLOVE-BOX, < 53 FT3, WITH DUST FILTER.

Periodic Monitoring:

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

2. THE OPERATOR SHALL DISCHARGE DUST COLLECTED IN THIS EQUIPMENT ONLY INTO CLOSED CONTAINERS.
   [RULE 3004 (a)(1)]

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) MONITORING AND RECORDKEEPING]

FACILITY PERMIT TO OPERATE
ABBOTT CARDIOVASCULAR SYSTEMS, INC.

Emissions And Requirements:

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

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

FACILITY PERMIT TO OPERATE
ABBOTT CARDIOVASCULAR SYSTEMS, INC.

RULE 219 EQUIPMENT

Equipment Description:

RULE 219 EXEMPT EQUIPMENT, COATING EQUIPMENT, VOC EMISSIONS THREE POUNDS PER DAY OR LESS OR 66 POUNDS PER CALENDAR MONTH OR LESS.

Emissions And Requirements:

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

   VOC: RULE 1145, SEE APPENDIX B FOR EMISSION LIMITS
   VOC: RULE 1171, SEE APPENDIX B FOR EMISSION LIMITS
   [RULE 1145, RULE 1171]

FACILITY PERMIT TO OPERATE
ABBOTT CARDIOVASCULAR SYSTEMS, INC.

SECTION K: TITLE V Administration

GENERAL PROVISIONS

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

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

Permit Renewal and Expiration

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

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

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

Duty to Provide Information

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

Payment of Fees

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

FACILITY PERMIT TO OPERATE
ABBOTT CARDIOVASCULAR SYSTEMS, INC.

SECTION K: TITLE V Administration

Reopening for Cause

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

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

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

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

COMPLIANCE PROVISIONS

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

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

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

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

FACILITY PERMIT TO OPERATE
ABBOTT CARDIOVASCULAR SYSTEMS, INC.

SECTION K: TITLE V Administration

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

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

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

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

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

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

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

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

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

FACILITY PERMIT TO OPERATE
ABBOTT CARDIOVASCULAR SYSTEMS, INC.

SECTION K: TITLE V Administration

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

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

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

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

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

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

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

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

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

FACILITY PERMIT TO OPERATE
ABBOTT CARDIOVASCULAR SYSTEMS, INC.

SECTION K: TITLE V Administration

EMERGENCY PROVISIONS

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

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

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

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

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

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

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

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

---

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

FACILITY PERMIT TO OPERATE
ABBOTT CARDIOVASCULAR SYSTEMS, INC.

SECTION K: TITLE V Administration

RECORDKEEPING PROVISIONS

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

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

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

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

    (D) The analytical techniques or methods used;

    (E) The results of such analyses; and

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

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

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

REPORTING PROVISIONS

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

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

FACILITY PERMIT TO OPERATE
ABBOTT CARDIOVASCULAR SYSTEMS, INC.

SECTION K: TITLE V Administration

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

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

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

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

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

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

FACILITY PERMIT TO OPERATE
ABBOTT CARDIOVASCULAR SYSTEMS, INC.

SECTION K: TITLE V Administration

(B) The compliance status during the reporting period;

(C) Whether compliance was continuous or intermittent;

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

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

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

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

PERIODIC MONITORING

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

FACILITY PERMIT TO OPERATE
ABBOTT CARDIOVASCULAR SYSTEMS, INC.

SECTION K: TITLE V Administration

FACILITY RULES

This facility is subject to the following rules and regulations

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

RULE SOURCE	Adopted/Amended Date	FEDERAL Enforceability
RULE 1107	1-6-2006	Federally enforceable
RULE 1110.2	2-1-2008	Federally enforceable
RULE 1110.2	7-9-2010	Non federally enforceable
RULE 1110.2	9-7-2012	Non federally enforceable
RULE 1113	11-8-1996	Federally enforceable
RULE 1113	6-3-2011	Non federally enforceable
RULE 1122	10-1-2004	Federally enforceable
RULE 1122	5-1-2009	Non federally enforceable
RULE 1140	2-1-1980	Federally enforceable
RULE 1140	8-2-1985	Non federally enforceable
RULE 1145	12-4-2009	Non federally enforceable
RULE 1145	2-14-1997	Federally enforceable
RULE 1146	11-17-2000	Federally enforceable
RULE 1146	9-5-2008	Non federally enforceable
RULE 1171	11-7-2003	Federally enforceable
RULE 1171	5-1-2009	Non federally enforceable
RULE 1303(a)(1)-BACT	12-6-2002	Non federally enforceable
RULE 1303(a)(1)-BACT	5-10-1996	Federally enforceable
RULE 1303(b)(2)-Offset	12-6-2002	Non federally enforceable
RULE 1303(b)(2)-Offset	5-10-1996	Federally enforceable
RULE 1304(a)-Modeling and Offset Exemption	6-14-1996	Federally enforceable

FACILITY PERMIT TO OPERATE
ABBOTT CARDIOVASCULAR SYSTEMS, INC.

SECTION K: TITLE V Administration

RULE SOURCE	Adopted/Amended Date	FEDERAL Enforceability
RULE 1401	3-7-2008	Non federally enforceable
RULE 1401	9-10-2010	Non federally enforceable
RULE 1405	1-4-1991	Non federally enforceable
RULE 1420	9-11-1992	Non federally enforceable
RULE 1469.1	3-4-2005	Non federally enforceable
RULE 1470	5-4-2012	Non federally enforceable
RULE 204	10-8-1993	Federally enforceable
RULE 212	11-14-1997	Non federally enforceable
RULE 212	12-7-1995	Federally enforceable
RULE 217	1-5-1990	Federally enforceable
RULE 3004(a)(4)-Periodic Monitoring	12-12-1997	Federally enforceable
RULE 401	11-9-2001	Non federally enforceable
RULE 401	3-2-1984	Federally enforceable
RULE 404	2-7-1986	Federally enforceable
RULE 405	2-7-1986	Federally enforceable
RULE 407	4-2-1982	Federally enforceable
RULE 408	5-7-1976	Federally enforceable
RULE 409	8-7-1981	Federally enforceable
RULE 430	7-12-1996	Non federally enforceable
RULE 431.1	6-12-1998	Federally enforceable
RULE 431.2	5-4-1990	Federally enforceable
RULE 431.2	9-15-2000	Non federally enforceable
RULE 442	12-15-2000	Federally enforceable
RULE 481	1-11-2002	Federally enforceable
RULE 701	6-13-1997	Federally enforceable