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

April 3, 2014

Mr. Chester Zelaya
Plant Manager
4501 Colorado Blvd
Los Angeles, CA 90039

Dear Mr. Zelaya:

SUBJECT: Title V, Permit to Operate, Baxter Healthcare, Hyland Division
Facility ID 69081

Attached, please find the revised Title Page, Table of Contents, and Section D of your Title V Facility Permit. The revised sections reflect the approval of the de minimis significant permit revision for issuing Permit to Operate for change of condition applications for your combustion equipment and installation of a new boiler completed under Title V permit revision application number 552407. Please see attachment 1 for the equipment list affected by this permit revision.

Please review the attached sections carefully. Insert the enclosed sections into your Facility Permit and discard the earlier version. Questions concerning changes to your permit should be directed to Mr. Hassan Namaki at (909) 396-2699.

Sincerely,

Mohan Balagopalan
Senior Manager
Chemical, Mechanical, and Ports

MB:DG:HN
Attachment

cc: Gerardo Rios, EPA Region IX

Attachment 1

Title V Facility Permit Revision under Application 552407

EQUIPMENT	APPLICATION NO.	TYPE	PERMIT SECTION
Emergency ICE-Generator (2,847 BHP), Diesel	555963	Change of condition	D
Emergency ICE-Generator (216 BHP), Diesel	555964	Change of condition	D
Emergency ICE-Generator (399 BHP), Diesel	555965	Change of condition	D
Emergency ICE-Generator (3,622 BHP), Diesel	555966	Change of condition	D
Emergency Fire pump (220 BHP), Diesel	555967	Change of condition	D
Emergency ICE-Generator (636 BHP), Diesel	555968	Change of condition	D
Boiler (19.95 mmbtu/hr)	555961	Change of condition	D
Boiler (19.9 5mmbtu/hr)	555962	Change of condition	D
Boiler (37.656 mmbtu/hr)	552408	New Installation	D

South Coast Air Quality Management District
21865 Copley Drive, Diamond Bar, CA 91765-4178

FACILITY PERMIT TO OPERATE

BAXTER HEALTHCARE CORP., HYLAND DIV
4501 COLORADO BLVD
LOS ANGELES, CA 90039

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
BAXTER HEALTHCARE CORP., HYLAND DIV

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FACILITY PERMIT TO OPERATE
BAXTER HEALTHCARE CORP, HYLAND DIVISION

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
BAXTER HEALTHCARE CORP, HYLAND DIVISION

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
555968	G30265	ICE (>500 HP) EM ELEC GEN, DIESEL
555964	G30261	ICE (50-500 HP) EM ELEC GEN, DIESEL
555961	G30266	BOILER (5-20 MMBTU/HR) NAT GAS ONLY
555963	G30267	ICE (>500 HP) EM ELEC GEN, DIESEL
555962	G30268	BOILER (5-20 MMBTU/HR) NAT GAS ONLY
504773	G12209	ALCOHOL DISTILLATION
504774	G12210	STORAGE TANK, W/CTL, ALCOHOL
504775	G12211	STORAGE TANK, W/CTL, ALCOHOL
555965	G30262	ICE (50-500 HP) EM ELEC GEN, DIESEL
555967	G30264	ICE (50-500 HP) EM FIRE FIGHT, DIESEL
537729	G18662	BLOOD BLENDING
537730	G18663	BLOOD CLASSIFICATION
537731	G18676	SOLV RECLAIM STILL, (1 STAGE) ALCOHOL
537733	G18678	STORAGE TANK, ALCOHOL
537734	G18679	STORAGE TANK, ALCOHOL
537735	G18680	STORAGE TANK, ALCOHOL
537736	G18681	STORAGE TANK, ALCOHOL
537737	G18682	STORAGE TANK, ALCOHOL
555966	G30263	ICE (>500 HP) EM ELEC GEN, DIESEL
552408	G30269	BOILER (>20 MMBTU/HR) NAT GAS ONLY

NOTE: EQUIPMENT LISTED ABOVE THAT DO NOT HAVE CORRESPONDING PERMITS TO OPERATE NUMBER ARE ISSUED PERMITS TO CONSTRUCT (PC). THE ISSUANCE OR DENIAL OF THEIR PERMITS TO OPERATE IS SUBJECT TO ENGINEERING FINAL REVIEW. ANY OTHER APPLICATIONS THAT ARE STILL BEING PROCESSED AND HAVE NOT BEEN ISSUED PERMITS TO CONSTRUCT OR PERMITS TO OPERATE WILL NOT BE FOUND IN THIS TITLE V PERMIT.

FACILITY PERMIT TO OPERATE
BAXTER HEALTHCARE CORP, HYLAND DIVISION

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 0.05 PERCENT BY WEIGHT. ON AND AFTER JUNE 1, 2004, DIESEL FUEL SHALL NOT BE PURCHASED FOR USE IN ANY STATIONARY SOURCE APPLICATION IN THE DISTRICT, UNLESS THE FUEL IS LOW SULFUR DIESEL FOR WHICH THE SULFUR CONTENT SHALL NOT EXCEED 15 PPM BY WEIGHT AS SUPPLIED BY THE SUPPLIER
   [RULE 431.2]

3. ACCIDENTAL RELEASE PREVENTION REQUIREMENTS OF SECTION 112(r)(7):

   THE OPERATOR SHALL COMPLY WITH THE ACCIDENTAL RELEASE PREVENTION REQUIREMENTS PURSUANT TO 40 CFR Part 68 AND SHALL SUBMIT TO THE EXECUTIVE OFFICER, AS PART OF ANNUAL COMPLIANCE CERTIFICATION, A STATEMENT THAT CERTIFIES COMPLIANCE WITH ALL THE REQUIREMENTS OF 40 CFR Part 68, INCLUDING THE REGISTRATION AND SUBMISSION OF A RISK MANAGEMENT PLAN (RMP). THE OPERATOR SHALL SUBMIT ANY ADDITIONAL RELEVANT INFORMATION REQUESTED BY THE EXECUTIVE OFFICER OR DESIGNATED AGENCY.
   [40 CFR68-ACCIDENTAL RELEASE PREVENTION]

FACILITY PERMIT TO OPERATE
BAXTER HEALTHCARE CORP, HYLAND DIVISION

PERMIT TO OPERATE

Permit No. G30265
A/N 555968

Equipment Description:

INTERNAL COMBUSTION ENGINE, CUMMINS, EMERGENCY ELECTRICAL GENERATION, MODEL NO. VT-1710PG635, DIESEL-FUELED, NATURALLY ASPIRATED, 636 BHP.

Conditions:

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

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

3. THIS ENGINE SHALL NOT OPERATE MORE THAN 200 HOURS IN ANY ONE YEAR, WHICH INCLUDES NO MORE THAN 20 HOURS IN ANY ONE YEAR FOR MAINTENANCE AND TESTING PURPOSES.
[RULE 1304, RULE 1470, 40 CFR 60.4211(f)]

4. AN OPERATIONAL NON-RESETTABLE TOTALIZING TIME METER SHALL BE INSTALLED AND MAINTAINED TO INDICATE THE ENGINE ELAPSED OPERATING TIME.
[RULE 3004(a)(4), 40 CFR 60.4209(a)]

5. THE OPERATION OF THE ENGINE BEYOND THE 20 HOURS PER YEAR ALLOTTED FOR ENGINE MAINTENANCE AND TESTING SHALL BE ALLOWED ONLY IN THE EVENT OF A LOSS OF GRID POWER OR UP TO 30 MINUTES PRIOR TO A ROTATING OUTAGE, PROVIDED THAT THE ELECTRICAL GRID OPERATOR OR ELECTRIC UTILITY HAS ORDERED ROTATING OUTAGES IN THE CONTROL AREA WHERE THE ENGINE IS LOCATED OR HAS INDICATED THAT IT EXPECTS TO ISSUE SUCH AN ORDER AT A CERTAIN TIME, AND THE ENGINE IS LOCATED IN A 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]

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 RATES IN RETURN FOR REDUCING ITS ELECTRIC LOAD ON THE GRID WHEN REQUESTED TO SO BY THE UTILITY OR THE GRID OPERATOR.
[RULE 1470]

7. AN ENGINE OPERATING LOG SHALL BE MAINTAINED WHICH ON A MONTHLY BASIS SHALL LIST ALL ENGINE OPERATIONS IN EACH OF THE FOLLOWING AREAS:

FACILITY PERMIT TO OPERATE
BAXTER HEALTHCARE CORP, HYLAND DIVISION

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 THREE CALENDAR YEARS PRIOR TO THE CURRENT YEAR AND MADE AVAILABLE TO DISTRICT PERSONNEL 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 1304, RULE 1470, 40 CFR 60.4207(b)]

8. THE OPERATOR SHALL COMPLY WITH ALL APPLICABLE REQUIREMENTS OF RULES 431.2, 1470 AND 40 CFR 60.4207(b).
RULE 431.2, RULE 1470, 40 CFR 60.4207(b)]

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 EMISSIONS LIMITS

FACILITY PERMIT TO OPERATE
BAXTER HEALTHCARE CORP, HYLAND DIVISION

PERMIT TO OPERATE

Permit No. G30261
A/N 555964

Equipment Description:

INTERNAL COMBUSTION ENGINE, PERKINS, 6 CYLINDERS, TURBOCHARGED, AFTERCOOLED, MODEL NO. 1 006-6TAG, 216 BHP, DIESEL-FUELED, DRIVING AN EMERGENCY ELECTRICAL GENERATOR.

Conditions:

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

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

3. THIS ENGINE SHALL NOT OPERATE MORE THAN 200 HOURS IN ANY ONE YEAR, WHICH INCLUDES NO MORE THAN 20 HOURS IN ANY ONE YEAR FOR MAINTENANCE AND TESTING PURPOSES.
[RULE 1304, RULE 1470, 40 CFR 60.4211(f)]

4. AN OPERATIONAL NON-RESETTABLE TOTALIZING TIME METER SHALL BE INSTALLED AND MAINTAINED TO INDICATE THE ENGINE ELAPSED OPERATING TIME.
[RULE 1304, RULE 1470, 40 CFR 60.4209(a)]

5. THE OPERATION OF THE ENGINE BEYOND THE 20 HOURS PER YEAR ALLOTTED FOR ENGINE MAINTENANCE AND TESTING SHALL BE ALLOWED ONLY IN THE EVENT OF A LOSS OF GRID POWER OR UP TO 30 MINUTES PRIOR TO A ROTATING OUTAGE, PROVIDED THAT THE ELECTRICAL GRID OPERATOR OR ELECTRIC UTILITY HAS ORDERED ROTATING OUTAGES IN THE CONTROL AREA WHERE THE ENGINE IS LOCATED OR HAS INDICATED THAT IT EXPECTS TO ISSUE SUCH AN ORDER AT A CERTAIN TIME, AND THE ENGINE IS LOCATED IN A 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]

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 RATES IN RETURN FOR REDUCING ITS ELECTRIC LOAD ON THE GRID WHEN REQUESTED TO SO BY THE UTILITY OR THE GRID OPERATOR.
[RULE 1470]

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BAXTER HEALTHCARE CORP, HYLAND DIVISION

7. AN ENGINE OPERATING LOG SHALL BE MAINTAINED WHICH ON A MONTHLY BASIS 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 THREE CALENDAR YEARS PRIOR TO THE CURRENT YEAR AND MADE AVAILABLE TO DISTRICT PERSONNEL 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 1304, RULE 1470, 40 CFR 60.4214(b)]

8. THE OPERATOR SHALL COMPLY WITH ALL APPLICABLE REQUIREMENTS OF RULES 431.2, 1470 AND 40 CFR 60.4207(b).
   [RULE 431.2, RULE 1470, 40 CFR 60.4207(b)]

9. THE OPERATOR SHALL COMPLY WITH THE FOLLOWING REQUIREMENTS

   A. CHANGE OIL AND FILTER EVERY 500 HOURS OF OPERATION OR ANNUALLY WHICHEVER COMES FIRST (OR ACCORDING TO THE OIL ANALYSIS PROGRAM IN 40 CFR 63.6625 (J))

   B. INSPECT AIR CLEANER EVERY 1000 HOURS OF OPERATION OR ANNUALLY WHICHEVER COMES FIRST

   C. INSPECT ALL HOSES AND BELTS EVERY 500 HOURS OF OPERATION OR ANNUALLY WHICHEVER COMES FIRST AND REPLACE AS NECESSARY

   D. RECORDS SHALL BE MAINTAINED ACCORDING TO 40 CFR 63.6655(a) AND (e). ALL RECORDS REQUIRED BY THESE DEVICES SHALL BE RETAINED FOR A MINIMUM OF FIVE YEARS, AND SHALL BE MADE AVAILABLE TO DISTRICT REPRESENTATIVES UPON REQUEST.

   [RULE 40 CFR PART 63 SUBPART ZZZZ]

10. THE OPERATOR SHALL COMPLY WITH THE FOLLOWING REQUIREMENTS PER 40 CFR 63.6625 (e) AND 63.6640 (a), THE OPERATOR SHALL OPERATE AND MAINTAIN THIS ENGINE AND AFTER-TREATMENT CONTROL DEVICE (IF ANY) ACCORDING TO THE MANUFACTURER'S EMISSION-RELATED WRITTEN INSTRUCTIONS OR DEVELOP YOUR OWN MAINTENANCE PLAN WHICH MUST PROVIDE TO THE EXTENT PRACTICABLE FOR THE MAINTENANCE AND OPERATION OF THE ENGINE IN A MANNER CONSISTENT WITH GOOD AIR POLLUTION CONTROL PRACTICE FOR MINIMIZING EMISSIONS
    [RULE 40 CFR PART 63 SUBPART ZZZZ]

FACILITY PERMIT TO OPERATE
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Emissions And Requirements:

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

    PM: RULE 404, SEE APPENDIX B FOR EMISSIONS LIMITS

FACILITY PERMIT TO OPERATE
BAXTER HEALTHCARE CORP, HYLAND DIVISION

PERMIT TO OPERATE

Permit No. G30266
A/N 555961

Equipment Description:

BOILER, CLEAVER BROOKS, MODEL NO. CEW700-500, 19.95 MM BTU/HR, NATURAL GAS FIRED, EQUIPPED WITH A CLEAVER BROOKS LOW NOX BURNER AND AN INDUCED FLUE GAS RECIRCULATION SYSTEM.

Conditions:

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

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

3. THIS EQUIPMENT SHALL EMIT NO MORE THAN 12 PPM OF OXIDES OF NITROGEN (NOX), CALCULATED AS NO2, AND NOT MORE THAN 50 PPM OF CARBON MONOXIDE (CO), ALL MEASURED BY VOLUME ON A DRY BASIS AT 3% O2.
[RULE 1303(a)(1)-BACT, RULE 1146]

4. COMBINED FUEL USAGE FOR TWO 19.95 MM BTU/HR CLEAVER BROOKS BOILERS, MODEL NO. CEW700-500, SHALL NOT EXCEED 15.53 MMSCF/MONTH.
[RULE 1303(b)(2)-OFFSET]

5. A SOURCE TEST SHALL BE CONDUCTED ONCE EVERY THREE YEARS TO VERIFY COMPLIANCE WITH NOX AND CO EMISSION LIMITS SPECIFIED IN CONDITION NO. 3.
[RULE 1146]

6. THE OPERATOR SHALL CONDUCT PERIODIC MONITORING OF NOX AND CO EMISSIONS PURSUANT TO THE SCHEDULE IN RULE 1146 WITH A PORTABLE NOX, CO, AND OXYGEN ANALYZER ACCORDING TO THE PROTOCOL FOR THE PERIODIC MONITORING OF NITROGEN OXIDES, CARBON MONOXIDE, AND OXYGEN.
[RULE 1146]

7. THIS EQUIPMENT SHALL BE OPERATED IN COMPLIANCE WITH RULE 1146.
[RULE 1146]

8. THIS BOILER MAY BE FIRED ON LPG DURING NATURAL GAS CURTAILMENT ONLY.
[RULE 1146]

FACILITY PERMIT TO OPERATE
BAXTER HEALTHCARE CORP, HYLAND DIVISION

9. THE BURNER SHALL BE EQUIPPED WITH A CONTROL SYSTEM TO AUTOMATICALLY REGULATE COMBUSTION AIR AND FUEL AS THE BOILER LOAD VARIES THE BURNER SYSTEM SHALL BE ADJUSTED AT LEAST TWICE A YEAR IN THE FOLLOWING MANNER.

   A. THE ADJUSTMENT SHALL BE MADE ACCORDING TO THE MANUFACTURER'S SPECIFICATIONS TO ENSURE COMPLIANCE WITH RULE 1146,

   B. THE ADJUSTMENT SHALL INCLUDE, AT A MINIMUM, MEASUREMENTS OF EFFLUENT CO, NO2, AND O2 CONCENTRATION BY USING A PORTABLE CHEMICAL CELL TYPE OR EQUIVALENT ANALYZER, AND

   C. WRITTEN RECORDS OF THE MEASUREMENTS SHALL BE MAINTAINED AND KEPT FOR AT LEAST TWO YEARS. THESE RECORDS SHALL BE MADE AVAILABLE TO THE AQMD UPON REQUEST

   [RULE 1146]

10. THE OPERATOR SHALL INSTALL AND MAINTAIN A NON-RESETTABLE TOTALIZING FUEL METER TO INDICATE THE TOTAL NATURAL GAS FUEL SUPPLIED TO THE BOILER.
    [RULE 1146]

Periodic Monitoring:

11. ALL RECORDS REQUIRED BY THIS PERMIT SHALL BE MAINTAINED ON FILE FOR EXPEDITIOUS INSPECTION AND REVIEW. THE RECORDS SHALL BE RETAINED FOR AT LEAST FIVE YEARS AND MADE AVAILABLE TO THE AQMD PERSONNEL UPON REQUEST. AT MINIMUM THE MOST RECENT TWO YEARS OF RECORDS SHALL BE RETAINED ON SITE.
    [RULE 3004(a)(4)]

12. THE OPERATOR SHALL DETERMINE COMPLIANCE WITH THE CO AND NOX EMISSION LIMITS BY CONDUCTING TESTS AT LEAST ONCE EVERY FIVE YEARS USING A PORTABLE ANALYZER AND AQMD-APPROVED TEST METHOD OR, IF NOT AVAILABLE, A NON-AQMD APPROVED TEST METHOD. THE TEST SHALL BE CONDUCTED WHEN THE EQUIPMENT IS OPERATING UNDER NORMAL CONDITIONS TO DEMONSTRATE COMPLIANCE WITH THE EMISSION LIMITS SPECIFIED. THE OPERATOR SHALL COMPLY WITH ALL GENERAL TESTING, REPORTING, AND RECORDKEEPING REQUIREMENTS IN SECTIONS E AND K OF THIS PERMIT.
    [RULE 3004 (a)(4)]

Emissions And Requirements:

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

CO:	2000 PPM, RULE 407
CO:	50 PPMV, RULE1146
NOX:	12 PPMV, RULE 1146
PM:	0.1 GRAIN/SCF, RULE 409

FACILITY PERMIT TO OPERATE
BAXTER HEALTHCARE CORP, HYLAND DIVISION

PERMIT TO OPERATE

Permit No. G30267
A/N 555963

Equipment Description:

INTERNAL COMBUSTION ENGINE, CATERPILLAR, 16 CYLINDERS, TURBOCHARGED, AFTERCOOLED, MODEL 3516B DITA, 2847 BHP, DIESEL-FUELED, DRIVING AN EMERGENCY ELECTRICAL GENERATOR.

Conditions:

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

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

3. THE OPERATOR SHALL INSTALL AND MAINTAIN A NON-RESETTABLE ELAPSED TIMER TO INDICATE ELAPSED OPERATING TIME OF THE ENGINE.
[RULE 1304, RULE 1470, 40 CFR 60.4209(a)]

4. THIS ENGINE SHALL NOT OPERATE MORE THAN 200 HOURS IN ANY ONE YEAR, WHICH INCLUDES NO MORE THAN 20 HOURS IN ANY ONE YEAR FOR MAINTENANCE AND TESTING PURPOSES.
[RULE 1304, RULE 1470, 40 CFR 60.4211(f)]

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 FIVE YEARS AND MADE AVAILABLE TO DISTRICT PERSONNEL UPON REQUEST.
[RULE 3004(a)(4), 40 CFR 60.4214(b)]

6. THE OPERATOR SHALL COMPLY WITH ALL APPLICABLE REQUIREMENTS OF RULES 431.2, 1470 AND 40 CFR 60.4207(b).
[RULE 431.2, RULE 1470, 40 CFR 60.4207(b)]

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Emissions And Requirements:

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

   PM: RULE 404, SEE APPENDIX B FOR EMISSION LIMITS

FACILITY PERMIT TO OPERATE
BAXTER HEALTHCARE CORP, HYLAND DIVISION

PERMIT TO OPERATE

Permit No. G30268
A/N 555962

Equipment Description:

BOILER, CLEAVER BROOKS, FIRE TUBE TYPE, MODEL CEW 700-500, 19.95 MMBTU/HR NATURAL GAS FIRED, WITH A CLEAVER BROOKS NATURAL GAS FIRED LOW NOX BURNER, AN INDUCED FLUE GAS RECIRCULATION SYSTEM, AND OXYGEN TRIM.

Conditions:

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

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

3. THIS BOILER SHALL EMIT NO MORE THAN 12 PPMV OF OXIDES OF NITROGEN (NOX), CALCULATED AS NO2, AND 50 PPMV OF CARBON MONOXIDE (CO), ALL MEASURED BY VOLUME ON A DRY BASIS AT 3 PERCENT OXYGEN.
[RULE 1303(a)-BACT, RULE 1146]

4. COMBINED FUEL USAGE FOR TWO 19.95 MM BTU/HR CLEAVER BROOKS BOILERS, MODEL NO. CEW700-500, SHALL NOT EXCEED 15.53 MMSCF/MONTH.
[RULE 1303(b)(2)]

5. A SOURCE TEST SHALL BE CONDUCTED ONCE EVERY THREE YEARS TO VERIFY COMPLIANCE WITH NOX AND CO EMISSION LIMITS SPECIFIED IN CONDITION NO. 3.
[RULE 1146]

6. THE OPERATOR SHALL CONDUCT PERIODIC MONITORING OF NOX AND CO EMISSIONS PURSUANT TO THE SCHEDULE IN RULE 1146 WITH A PORTABLE NOX, CO, AND OXYGEN ANALYZER ACCORDING TO THE PROTOCOL FOR THE PERIODIC MONITORING OF NITROGEN OXIDES, CARBON MONOXIDE, AND OXYGEN.
[RULE 1146]

7. THIS EQUIPMENT SHALL BE OPERATED IN COMPLIANCE WITH RULE 1146.
[RULE 1146]

8. THE BURNER SHALL BE EQUIPPED WITH A CONTROL SYSTEM TO AUTOMATICALLY REGULATE COMBUSTION AIR AND FUEL AS THE BOILER LOAD VARIES THE BURNER SYSTEM SHALL BE ADJUSTED AT LEAST TWICE A YEAR IN THE FOLLOWING MANNER.

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A. THE ADJUSTMENT SHALL BE MADE ACCORDING TO THE MANUFACTURER'S SPECIFICATIONS TO ENSURE COMPLIANCE WITH RULE 1146,

B. THE ADJUSTMENT SHALL INCLUDE, AT A MINIMUM, MEASUREMENTS OF EFFLUENT CO, NO2, AND O2 CONCENTRATION BY USING A PORTABLE CHEMICAL CELL TYPE OR EQUIVALENT ANALYZER, AND

C. WRITTEN RECORDS OF THE MEASUREMENTS SHALL BE MAINTAINED AND KEPT FOR AT LEAST TWO YEARS THESE RECORDS SHALL BE MADE AVAILABLE TO THE AQMD UPON REQUEST

[RULE 1146]

9. THE OPERATOR SHALL INSTALL AND MAINTAIN A NON-RESETTABLE TOTALIZING FUEL METER TO INDICATE THE TOTAL NATURAL GAS FUEL SUPPLIED TO THE BOILER.
[RULE 1146]

Periodic Monitoring:

10. ALL RECORDS REQUIRED BY THIS PERMIT SHALL BE MAINTAINED ON FILE FOR EXPEDITIOUS INSPECTION AND REVIEW. THE RECORDS SHALL BE RETAINED FOR AT LEAST FIVE YEARS AND MADE AVAILABLE TO THE AQMD PERSONNEL UPON REQUEST. AT MINIMUM THE MOST RECENT TWO YEARS OF RECORDS SHALL BE RETAINED ON SITE.
[RULE 3004(a)(4)]

11. THE OPERATOR SHALL DETERMINE COMPLIANCE WITH THE CO AND NOX EMISSION LIMITS BY CONDUCTING A TEST AT LEAST ONCE EVERY FIVE YEARS USING A PORTABLE ANALYZER AND AQMD-APPROVED TEST METHOD OR, IF NOT AVAILABLE, A NON-AQMD APPROVED TEST METHOD. THE TEST SHALL BE CONDUCTED WHEN THE EQUIPMENT IS OPERATING UNDER NORMAL CONDITIONS TO DEMONSTRATE COMPLIANCE WITH THE EMISSION LIMITS SPECIFIED. THE OPERATOR SHALL COMPLY WITH ALL GENERAL TESTING, REPORTING, AND RECORDKEEPING REQUIREMENTS IN SECTIONS E AND K OF THIS PERMIT.
[RULE 3004 (a)(4)]

Emissions And Requirements:

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

CO: 2000 PPM, RULE 407
CO: 50 PPMV, RULE1146
NOX: 12 PPMV, RULE 1146
PM: 0.1 GRAIN/SCF, RULE 409

FACILITY PERMIT TO OPERATE
BAXTER HEALTHCARE CORP, HYLAND DIVISION

PERMIT TO OPERATE

Permit No. G12209
A/N 504773

Equipment Description:

SPENT ALCOHOL DISTILLATION SYSTEM CONSISTING OF:

1. DISTILLATION COLUMN NO. C1, 4'-0" DIA X 60'-0" H, WITH A PACKED SECTION, AND VALVE TRAYS SECTION.

2. MAIN CONDENSER NO. E-2, 2'-6" DIA. X 18'-0" L., 2850 SQ FT OF HEAT TRANSFER AREA, WATER COOLED.

3. VENT CONDENSER NO. E-4, 0'-6" DIA X 6'-0" L., 31 SQ FT OF HEAT TRANSFER AREA, CHILLED WATER COOLED.

4. REFLUX TANK NO. T-12, 3'-0" DIA X 5'-0", 290 GALLONS CAPACITY.

5. SEAL WATER TANK NO. T-15, 0'-10" DIA. X 2'-9", 4 GALLONS CAPACITY.

6. SEAL WATER COOLER NO. E-5, 0'-3" DIA X 3'-0" L., 79 SQ FT OF HEAT TRANSFER AREA, CHILLED WATER COOLED.

7. ALCOHOL COOLER NO. E-6, 0'-6" DIA X 6'-0" L., 15 SQ FT HEAT TRANSFER AREA, CHILLED WATER COOLED.

8. STEAM DESUPERHEATER NO. T-13, 2'-6" DIA. X 5'-0" L.

9. REBOILER NO. E-2, 2-4" DIA. X 18-0" L., 1684 SQ. FT. OF HEAT TRANSFER AREA.

10. FEED PREHEATER NO. E-1, SPIRAL HEAT EXCHANGER, 75 SQ. FT. OF HEAT TRANSFER AREA.

11. RECOVERED ALCOHOL ACCUMULATION TANK NO. T-14A, 8'-0" DIA X 22'-6"H, 6,500 GALLONS CAPACITY.

12. RECOVERED ALCOHOL ACCUMULATION TANK NO. T-14B, 8-0" DIA X 22'-6"H, 6,500 GALLONS CAPACITY.

13. VENT CONDENSER NO. E-8 (VENTING TANK NO. T-14A, AND T-14B) 0'-6" DIA X 4'-0" L, 14 SQ. FT. OF HEAT TRANSFER AREA, CHILLED WATER COOLED.

Conditions:

FACILITY PERMIT TO OPERATE
BAXTER HEALTHCARE CORP, HYLAND DIVISION

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

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

3. THIS EQUIPMENT SHALL NOT BE OPERATED UNLESS ALL PROCESS VENTS ARE VENTED TO CHILLED WATER COOLED CONDENSERS.
[RULE 1303(a)(1)-BACT, RULE 1303(b)(2)-OFFSET]

4. A TEMPERATURE GAUGE SHALL BE INSTALLED IN THE VENT STREAM OUTLET OF THE CHILLED WATER COOLED CONDENSERS, E-4, AND E-8.
[RULE 1303(a)(1)-BACT]

5. THE MAXIMUM TEMPERATURE AT THE VENT STREAM OUTLET OF THE CONDENSER, E-4, SHALL NOT EXCEED 60 DEGREES F, AND AT THE VENT STREAM OUTLET OF THE CONDENSER, E-8, SHALL NOT EXCEED 50 DEGREES FAHRENHEIT.
[RULE 1303(a)(1)-BACT, RULE 1303(b)(2)-OFFSET]

6. THE SUM OF VOC EMISSIONS FROM THE EQUIPMENT LISTED BELOW SHALL NOT EXCEED 484 POUNDS IN ANY CALENDAR MONTH.

   I. SPENT ALCOHOL DISTILLATION SYSTEM, AND ITS ACCUMULATION TANKS (A/N 504773).
   II. SPENT ALCOHOL FEED TANK, NO. T-11A (A/N 504774).
   III. SPENT ALCOHOL FEED TANK, NO. T-11B (A/N 504775).

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

7. THE MONTHLY VOC EMISSION LIMIT OF 484 LB/MONTH DESCRIBED ABOVE SHALL BE DETERMINED USING THE MATHEMATICAL EQUATION BELOW:

   SUM OF VOC= $(B/1000)\{[(2.902)^{-5})(M_c)+(-1.255)^{-4}](E_c)^2 + [(-2.401)^{-3}(M_c)+(2.035)^{-2}](E_c) + [(8.387)^{-2})(M_c)+(3.994)^{-1}]\}$

   WHERE:
   B = BATCH SIZE (GALLONS PER DAY)
   M_C = METHANOL CONCENTRATION (WEIGHT PERCENT)
   E_C = ETHANOL CONCENTRATION (WEIGHT PERCENT)

   THE CONCENTRATIONS OF METHANOL AND ETHANOL IN SPENT ALCOHOL SHALL BE MEASURED AT THE OUTLET OF FEED TANK AT LEAST ONCE EVERY DAY AT THE START OF EACH BATCH AND WHEN THE FEED TANK IS ALTERNATED.

   A BATCH SIZE SHALL BE LIMITED TO A VOLUME OF SPENT ALCOHOL FED TO DISTILLER IN 24 HOURS OF OPERATION OR LESS; AND A NEW BATCH SHALL BEGIN WHEN THE FEED TANK IS ALTERNATED.
   [RULE 1303(b)(2)-OFFSET]

FACILITY PERMIT TO OPERATE
BAXTER HEALTHCARE CORP, HYLAND DIVISION

8. THE OWNER OR OPERATOR OF THIS EQUIPMENT SHALL CALCULATE AND RECORD THE VOC EMISSIONS ON DAILY BASIS USING THE MEASURED PARAMETERS AND THE EQUATION PROVIDED IN CONDITION NO. 7 ABOVE.
[RULE 1303(a)(1)-BACT, RULE 1303(b)(2)-OFFSET, RULE 300(a)(4)]

9. THE OWNER OR OPERATOR OF THIS EQUIPMENT SHALL INSTALL A NONRESETTABLE CONTINUOUS FLOW METER AT THE INLET TO THE DISTILLATION SYSTEM TO MEASURE THE TOTAL VOLUME OF SPENT ALCOHOL FED TO THE EQUIPMENT.
[RULE 1303(b)(2)-OFFSET]

10. THE OWNER OR OPERATOR OF THIS EQUIPMENT SHALL KEEP RECORDS TO SHOW COMPLIANCE WITH CONDITION NO. 5, 6, 7, AND 8 ABOVE. THE RECORDS SHALL BE MAINTAINED AT THE PREMISES FOR PERIOD OF NOT LESS THAN FIVE YEARS AND BE MADE AVAILABLE TO THE AQMD PERSONNEL UPON REQUEST.
[RULE 300(a)(4)]

FACILITY PERMIT TO OPERATE
BAXTER HEALTHCARE CORP, HYLAND DIVISION

PERMIT TO OPERATE

Permit No. G12210
A/N 504774

Equipment Description:

SPENT ALCOHOL FEED TANK, NO. T-11A, 14-0' DIA. X 26'-0" H., 30,000 GALLONS CAPACITY, WITH VENT CONDENSER NO. E-7, (COMMON TO A/N 504774), 0'-6" DIA. X 4'-0" L., 14 SQ FT OF HEAT TRANSFER AREA, CHILLED WATER COOLED.

Conditions:

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

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

3. THIS EQUIPMENT SHALL NOT BE OPERATED UNLESS ALL PROCESS VENTS ARE VENTED TO A CHILLED WATER COOLED CONDENSER.
[RULE 1303(a)(1)-BACT, RULE 1303(b)(2)-OFFSET]

4. A TEMPERATURE GAUGE SHALL BE INSTALLED IN THE VENT STREAM OUTLET OF THE CHILLED WATER COOLED CONDENSER, E-7.
[RULE 1303(a)(1)-BACT]

5. THE MAXIMUM TEMPERATURE AT THE VENT STREAM OUTLET OF THE CONDENSER, E-7, SHALL NOT EXCEED 50 DEGREES FAHRENHEIT.
[RULE 1303(a)(1)-BACT, RULE 1303(b)(2)-OFFSET]

6. THE SUM OF VOC EMISSIONS FROM THE EQUIPMENT LISTED BELOW SHALL NOT EXCEED 484 POUNDS IN ANY CALENDAR MONTH.

   I. SPENT ALCOHOL DISTILLATION SYSTEM, AND ITS ACCUMULATION TANKS (A/N 504773).
   II. SPENT ALCOHOL FEED TANK, NO. T-11A (A/N 504774).
   III. SPENT ALCOHOL FEED TANK, NO. T-11B (A/N 504775).

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

7. THE MONTHLY VOC EMISSION LIMIT OF 484 LB/MONTH DESCRIBED ABOVE SHALL BE DETERMINED USING THE MATHEMATICAL EQUATION BELOW:

SUM OF VOC= $(B/1000)\{[(2.902)^{-5})(M_c)+(-1.255)^{-4}](E_c)^2+[(-2.401)^{-3}(M_c)+(2.035)^{-2}](E_c)+[(8.387)^{-2})(M_c)+(3.994)^{-1}]\}$

FACILITY PERMIT TO OPERATE
BAXTER HEALTHCARE CORP, HYLAND DIVISION

WHERE:

B = BATCH SIZE (GALLONS PER DAY)
M_C = METHANOL CONCENTRATION (WEIGHT PERCENT)
E_C = ETHANOL CONCENTRATION (WEIGHT PERCENT)

THE CONCENTRATIONS OF METHANOL AND ETHANOL IN SPENT ALCOHOL SHALL BE MEASURED AT THE OUTLET OF FEED TANK AT LEAST ONCE EVERY DAY AT THE START OF EACH BATCH AND WHEN THE FEED TANK IS ALTERNATED.

A BATCH SIZE SHALL BE LIMITED TO A VOLUME OF SPENT ALCOHOL FED TO DISTILLER IN 24 HOURS OF OPERATION OR LESS; AND A NEW BATCH SHALL BEGIN WHEN THE FEED TANK IS ALTERNATED.
[RULE 1303(b)(2)-OFFSET]

8. THE OWNER OR OPERATOR OF THIS EQUIPMENT SHALL CALCULATE AND RECORD THE VOC EMISSIONS ON DAILY BASIS USING THE MEASURED PARAMETERS AND THE EQUATION PROVIDED IN CONDITION NO. 7 ABOVE.
[RULE 1303(a)(1)-BACT, RULE 1303(b)(2)-OFFSET, RULE 3004(a)(4)]

9. THE SUM OF INFLUENT TO TANK T-11A AND TANK T-11B IN A CALENDAR MONTH SHALL NOT BE GREATER THAN THE MONTHLY SPENT ALCOHOL FEED TO THE DISTILLATION SYSTEM.
[RULE 1303(a)(1)-BACT, RULE 1303(b)(2)-OFFSET]

10. TO COMPLY WITH CONDITION NO. 9 OF THIS PERMIT, THE OWNER OR OPERATOR OF THE EQUIPMENT SHALL INSTALL NONRESETTABLE CONTINUOUS FLOW METERS AT THE INLETS TO THE TANK TO MEASURE THE VOLUME OF MATERIAL ADDED TO THE TANK.
[RULE 1303(b)(2)-OFFSET]

11. NO ADDITIONAL MATERIAL SHALL BE ADDED TO THIS TANK ONCE THE TANK HAS BEGUN OPERATING TO SUPPLY FEED MATERIAL TO THE SPENT ALCOHOL DISTILLATION SYSTEM.
[RULE 1303(b)(2)-OFFSET]

12. THE OWNER OR OPERATOR OF THIS EQUIPMENT SHALL KEEP RECORDS TO SHOW COMPLIANCE WITH CONDITION NO. 5, 6, 7, 8, AND 9 ABOVE. THE RECORDS SHALL BE MAINTAINED AT THE PREMISES FOR PERIOD OF NOT LESS THAN TWO YEARS AND BE MADE AVAILABLE TO THE AQMD PERSONNEL UPON REQUEST.
[RULE 3004(a)(4)]

FACILITY PERMIT TO OPERATE
BAXTER HEALTHCARE CORP, HYLAND DIVISION

PERMIT TO OPERATE

Permit No. G12211
A/N 504775

Equipment Description:

SPENT ALCOHOL FEED TANK, NO. T-11B, 14'-0" DIA. X 26'-0" H., 30,000 GALLONS CAPACITY WITH VENT CONDENSER NO. E-7, (COMMON TO A/N 504773), 0'-6" DIA. X 4'-0" L., 14 SQ FT OF HEAT TRANSFER AREA, CHILLED WATER COOLED.

Conditions:

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

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

3. THIS EQUIPMENT SHALL NOT BE OPERATED UNLESS ALL PROCESS VENTS ARE VENTED TO A CHILLED WATER COOLED CONDENSER.
[RULE 1303(a)(1)-BACT, RULE 1303(b)(2)-OFFSET]

4. A TEMPERATURE GAUGE SHALL BE INSTALLED IN THE VENT STREAM OUTLET OF THE CHILLED WATER COOLED CONDENSER, E-7.
[RULE 1303(a)(1)-BACT]

5. THE MAXIMUM TEMPERATURE AT THE VENT STREAM OUTLET OF THE CONDENSER, E-7, SHALL NOT EXCEED 50 DEGREES FAHRENHEIT.
[RULE 1303(a)(1)-BACT, RULE 1303(b)(2)-OFFSET]

6. THE SUM OF VOC EMISSIONS FROM THE EQUIPMENT LISTED BELOW SHALL NOT EXCEED 484 POUNDS IN ANY CALENDAR MONTH.

   I. SPENT ALCOHOL DISTILLATION SYSTEM, AND ITS ACCUMULATION TANKS (A/N 504773).
   II. SPENT ALCOHOL FEED TANK, NO. T-11A (A/N 504774).
   III. SPENT ALCOHOL FEED TANK, NO. T-11B (A/N 504775).

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

7. THE MONTHLY VOC EMISSION LIMIT OF 484 LB/MONTH DESCRIBED ABOVE SHALL BE DETERMINED USING THE MATHEMATICAL EQUATION BELOW:

SUM OF VOC= $(B/1000)\{[(2.902)^{-5})(M_c)+(-1.255)^{-4}](E_c)^2+[(-2.401)^{-3}(M_c)+(2.035)^{-2}](E_c)+[(8.387)^{-2})(M_c)+(3.994)^{-1}]\}$

FACILITY PERMIT TO OPERATE
BAXTER HEALTHCARE CORP, HYLAND DIVISION

WHERE:

B = BATCH SIZE (GALLONS PER DAY)
M_C = METHANOL CONCENTRATION (WEIGHT PERCENT)
E_C = ETHANOL CONCENTRATION (WEIGHT PERCENT)

THE CONCENTRATIONS OF METHANOL AND ETHANOL IN SPENT ALCOHOL SHALL BE MEASURED AT THE OUTLET OF FEED TANK AT LEAST ONCE EVERY DAY AT THE START OF EACH BATCH AND WHEN THE FEED TANK IS ALTERNATED.

A BATCH SIZE SHALL BE DETERMINED AT LEAST ONCE EVERY DAY AND WHEN THE FEED TANK IS ALTERNATED.
[RULE 1303(b)(2)-OFFSET]

8. THE OWNER OR OPERATOR OF THIS EQUIPMENT SHALL CALCULATE AND RECORD THE VOC EMISSIONS ON DAILY BASIS USING THE MEASURED PARAMETERS AND THE EQUATION PROVIDED IN CONDITION NO. 7 ABOVE.
[RULE 1303(a)(1)-BACT, RULE 1303(b)(2)-OFFSET, RULE 3004(a)(4)]

9. THE SUM OF INFLUENT TO TANK T-11A AND TANK T-11B IN A CALENDAR MONTH SHALL NOT BE GREATER THAN THE MONTHLY SPENT ALCOHOL FEED TO THE DISTILLATION SYSTEM.
[RULE 1303(b)(2)-OFFSET]

10. TO COMPLY WITH CONDITION NO. 9 OF THIS PERMIT, THE OWNER OR OPERATOR OF THE EQUIPMENT SHALL INSTALL NONRESETTABLE CONTINUOUS FLOW METERS AT THE INLETS TO THE TANK TO MEASURE THE VOLUME OF MATERIAL ADDED TO THE TANK.
[RULE 1303(b)(2)-OFFSET]

11. NO ADDITIONAL MATERIAL SHALL BE ADDED TO THIS TANK ONCE THE TANK HAS BEGUN OPERATING TO SUPPLY FEED MATERIAL TO THE SPENT ALCOHOL DISTILLATION SYSTEM.
[RULE 1303(b)(2)-OFFSET]

12. THE OWNER OR OPERATOR OF THIS EQUIPMENT SHALL KEEP RECORDS TO SHOW COMPLIANCE WITH CONDITION NO. 5, 6, 7, 8, AND 9 ABOVE. THE RECORDS SHALL BE MAINTAINED AT THE PREMISES FOR PERIOD OF NOT LESS THAN TWO YEARS AND BE MADE AVAILABLE TO THE AQMD PERSONNEL UPON REQUEST.
[RULE 3004(a)(4)]

FACILITY PERMIT TO OPERATE
BAXTER HEALTHCARE CORP, HYLAND DIVISION

PERMIT TO OPERATE

Permit No. G30262
A/N 555965

Equipment Description:

INTERNAL COMBUSTION ENGINE, CUMMINS, 6 CYLINDERS, TURBOCHARGED/AFTERCOOLED, MODEL NO. QSL9-G3, 399 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 NON-RESETTABLE TOTALIZING TIMER SHALL BE INSTALLED AND MAINTAINED TO INDICATE THE ENGINE ELAPSED OPERATING TIME.
[RULE 1304(a)(4), RULE 1470, 40 CFR 60.4209(a)]

4. THIS ENGINE SHALL NOT OPERATE MORE THAN 200 HOURS IN ANY ONE YEAR, WHICH INCLUDES NO MORE THAN 20 HOURS IN ANY ONE YEAR FOR MAINTENANCE AND TESTING PURPOSES.
[RULE 1304(a)(4), RULE 147, 40 CFR 4211(f)]

5. AN ENGINE OPERATING LOG OF ENGINE OPERATIONS SHALL BE KEPT AND MAINTAINED DOCUMENTING THE TOTAL TIME THE ENGINE IS OPERATED EACH MONTH AND THE SPECIFIC REASON FOR OPERATION AS:

   A. EMERGENCY USE

   B. MAINTENANCE AND TESTING

   C. OTHER (BE SPECIFIC)

   IN ADDITION, FOR EACH TIME THE ENGINE IS MANUALLY STARTED, THE LOG SHALL INCLUDE THE DATE OF ENGINE OPERATION, THE SPECIFIC REASON FOR OPERATION, AND THE TOTALIZING HOUR METER READING (IN HOURS AND TENTHS OF HOURS) AT THE BEGINNING AND THE END OF THE OPERATION.
   [RULE 1470, 40 CFR 60.4214 (b)]

6. ON OR BEFORE JANUARY 15TH OF EACH YEAR, THE OPERATOR SHALL RECORD IN THE ENGINE OPERATING LOG:

FACILITY PERMIT TO OPERATE
BAXTER HEALTHCARE CORP, HYLAND DIVISION

A. THE TOTAL HOURS OF ENGINE OPERATION FOR THE PREVIOUS CALENDAR YEAR, AND

B. THE TOTAL HOURS OF ENGINE OPERATION FOR MAINTENANCE AND TESTING FOR THE PREVIOUS CALENDAR YEAR.
[RULE 1470, 40 CFR 60.4214 (b)]

7. ENGINE OPERATION LOG(S) SHALL BE RETAINED ON SITE FOR A MINIMUM OF FIVE CALENDAR YEARS AND SHALL BE MADE AVAILABLE TO THE EXECUTIVE OFFICER OR REPRESENTATIVE UPON REQUEST.
[RULE 3004(a)(4)]

8. OPERATION BEYOND THE 20 HOURS PER YEAR ALLOTTED FOR ENGINE MAINTENANCE AND TESTING SHALL BE ALLOWED ONLY IN THE EVENT OF A LOSS OF GRID POWER OR UP TO 30 MINUTES PRIOR TO A ROTATING OUTAGE, PROVIDED THAT: (A) THE UTILITY DISTRIBUTION COMPANY HAS ORDERED ROTATING OUTAGES IN THE CONTROL AREA WHERE THE ENGINE IS LOCATED OR HAS INDICATED THAT IT EXPECTS TO ISSUE SUCH AN ORDER AT A CERTAIN TIME; AND (B) THE ENGINE IS LOCATED IN A 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]

9. THIS ENGINE SHALL NOT BE USED AS PART OF AN INTERRUPTIBLE SERVICE CONTRACT IN WHICH A FACILITY RECEIVES A PAYMENT OR REDUCED RATES IN RETURN FOR REDUCING ELECTRICAL LOAD ON THE GRID WHEN REQUESTED TO DO SO BY THE UTILITY OR THE GRID OPERATOR.
[RULE 1470]

10. THIS ENGINE SHALL BE A US EPA CERTIFIED, NON-ROAD COMPRESSION-IGNITION ENGINE, AS EVIDENCED BY THE MANUFACTURER'S ENGINE TAG.
[RULE 1470]

11. THE OPERATOR SHALL COMPLY WITH ALL APPLICABLE REQUIREMENTS OF RULES 431.2, 1470 AND 40 CFR 60.4207(b).
[RULE 431.2, RULE 1470, 40 CFR 60.4207(b)]

12. THE OPERATOR SHALL COMPLY WITH THE FOLLOWING REQUIREMENTS

A. CHANGE OIL AND FILTER EVERY 500 HOURS OF OPERATION OR ANNUALLY WHICHEVER COMES FIRST (OR ACCORDING TO THE OIL ANALYSIS PROGRAM IN 40 CFR 63.6625 (J))

B. INSPECT AIR CLEANER EVERY 1000 HOURS OF OPERATION OR ANNUALLY WHICHEVER COMES FIRST

C. INSPECT ALL HOSES AND BELTS EVERY 500 HOURS OF OPERATION OR ANNUALLY WHICHEVER COMES FIRST AND REPLACE AS NECESSARY

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D. RECORDS SHALL BE MAINTAINED ACCORDING TO 40 CFR 63.6655(a) AND (e). ALL RECORDS REQUIRED BY THESE DEVICES SHALL BE RETAINED FOR A MINIMUM OF FIVE YEARS, AND SHALL BE MADE AVAILABLE TO DISTRICT REPRESENTATIVES UPON REQUEST.
[RULE 40 CFR PART 63 SUBPART ZZZZ]

13. THE OPERATOR SHALL COMPLY WITH THE FOLLOWING REQUIREMENTS PER 40 CFR 63.6625 (e) AND 63.6640 (a), THE OPERATOR SHALL OPERATE AND MAINTAIN THIS ENGINE AND AFTER-TREATMENT CONTROL DEVICE (IF ANY) ACCORDING TO THE MANUFACTURER'S EMISSION-RELATED WRITTEN INSTRUCTIONS OR DEVELOP YOUR OWN MAINTENANCE PLAN WHICH MUST PROVIDE TO THE EXTENT PRACTICABLE FOR THE MAINTENANCE AND OPERATION OF THE ENGINE IN A MANNER CONSISTENT WITH GOOD AIR POLLUTION CONTROL PRACTICE FOR MINIMIZING EMISSIONS
[RULE 40 CFR PART 63 SUBPART ZZZZ]

Emissions And Requirements:

14. 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
BAXTER HEALTHCARE CORP, HYLAND DIVISION

PERMIT TO CONSTRUCT

Permit No. G30264
A/N 555967

Equipment Description:

INTERNAL COMBUSTION ENGINE, JOHN DEERE, MODEL NO. JTJ6H-UFADP8, SERIAL NO. PE6068L 162592, DIESEL FUELED, FOUR CYCLE, SIX CYLINDERS, TURBOCHARGED, AFTERCOOLED, RATED AT 220 BHP, DRIVING AN EMERGENCY FIRE PUMP.

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 COMPLY WITH ALL APPLICABLE REQUIREMENTS OF RULES 431.2, 1470 AND 40 CFR 60.4207(b).
[RULE 431.2, RULE 1470, 40 CFR 60.4207(b)]

4. AN OPERATIONAL NON-RESETTABLE TOTALIZING TIME METER SHALL BE INSTALLED AND MAINTAINED TO INDICATE THE ENGINE ELAPSED OPERATING TIME.
[RULE 1304, RULE 1470, 40 CFR 60.4209(a)]

5. THIS ENGINE SHALL NOT OPERATE MORE THAN 200 HOURS N ANY ONE YEAR, WHICH INCLUDES NO MORE THAN 50 HOURS IN ANY ONE YEAR FOR MAINTENANCE AND TESTING AND NO MORE THAN 4.2 HOURS IN ANY ONE MONTH FOR MAINTENANCE AND TESTING.
[RULE 1304, RULE 1470, 40 CFR 60.4211(f)]

6. AN ENGINE OPERATING LOG SHALL BE KEPT AND SHALL DOCUMENT THE TOTAL TIME THE ENGINE IS OPERATED EACH MONTH AND SPECIFIC REASON FOR OPERATION AS:

   A. EMERGENCY USE.

   B. MAINTENANCE AND TESTING.

   C. OTHER (DESCRIBE THE REASON FOR OPERATING.

   IN ADDITION, EACH TIME THE ENGINE IS MANUALLY STARTED, THE LOG SHALL INCLUDE THE DATE OF OPERATION, THE SPECIFIC REASON FOR OPERATION, AND THE TIME METER READING (IN HOURS AND TENTHS OF HOURS) AT THE BEGINNING AND END OF OPERATION.

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[RULE 1470, 40 CFR 60.4214(b)]

7. ON OR BEFORE JANUARY 15 TH OF EACH YEAR, THE OPERATOR SHALL RECORD IN THE ENGINE OPERATING LOG THE FOLLOWING:

   A. THE TOTAL HOURS OF OPERATION FOR THE PREVIOUS CALENDAR YEAR, AND

   B. THE TOTAL HOURS OF ENGINE OPERATION FOR MAINTENANCE AND TESTING FOR THE PREVIOUS CALENDAR YEAR. ENGINE OPERATING LOG SHALL BE RETAINED ON SITE FOR A MINIMUM OF THREE CALENDAR YEARS AND SHALL BE MADE AVAILABLE TO THE EXECUTIVE OFFICER OR REPRESENTATIVE UPON REQUEST.

   [RULE 1470, 40 CFR 60.4214(b)]

8. THE OPERATOR SHALL COMPLY WITH THE FOLLOWING REQUIREMENTS

   A. CHANGE OIL AND FILTER EVERY 500 HOURS OF OPERATION OR ANNUALLY WHICHEVER COMES FIRST (OR ACCORDING TO THE OIL ANALYSIS PROGRAM IN 40 CFR 63.6625 (J))

   B. INSPECT AIR CLEANER EVERY 1000 HOURS OF OPERATION OR ANNUALLY WHICHEVER COMES FIRST

   C. INSPECT ALL HOSES AND BELTS EVERY 500 HOURS OF OPERATION OR ANNUALLY WHICHEVER COMES FIRST AND REPLACE AS NECESSARY

   D. RECORDS SHALL BE MAINTAINED ACCORDING TO 40 CFR 63.6655(a) AND (e). ALL RECORDS REQUIRED BY THESE DEVICES SHALL BE RETAINED FOR A MINIMUM OF FIVE YEARS, AND SHALL BE MADE AVAILABLE TO DISTRICT REPRESENTATIVES UPON REQUEST.

   [RULE 40 CFR PART 63 SUBPART ZZZZ]

9. THE OPERATOR SHALL COMPLY WITH THE FOLLOWING REQUIREMENTS PER 40 CFR 63.6625 (e) AND 63.6640 (a), THE OPERATOR SHALL OPERATE AND MAINTAIN THIS ENGINE AND AFTER-TREATMENT CONTROL DEVICE (IF ANY) ACCORDING TO THE MANUFACTURER'S EMISSION-RELATED WRITTEN INSTRUCTIONS OR DEVELOP YOUR OWN MAINTENANCE PLAN WHICH MUST PROVIDE TO THE EXTENT PRACTICABLE FOR THE MAINTENANCE AND OPERATION OF THE ENGINE IN A MANNER CONSISTENT WITH GOOD AIR POLLUTION CONTROL PRACTICE FOR MINIMIZING EMISSIONS
   [RULE 40 CFR PART 63 SUBPART ZZZZ]

Emissions And Requirements:

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

    PM: RULE 404, SEE APPENDIX B FOR EMISSION LIMITS

FACILITY PERMIT TO OPERATE
BAXTER HEALTHCARE CORP, HYLAND DIVISION

PERMIT TO OPERATE

Permit No. G18662
A/N 537729

Equipment Description:

BLOOD FRACTIONATION SYSTEM CONSISTING OF:

1. PROCESS TANK NO. 2, 6'-9" D X 8'-5" H, 1,107 GALLONS CAPACITY WITH A 2.0 HP AGITATOR.
2. PROCESS TANK NO. 3, 6'-9" D X 9'-4" H, 1,597 GALLONS CAPACITY WITH A 2.0 HP AGITATOR.
3. PROCESS TANK NO. 4, 6'-9" D X 8'-5" H, 1,341 GALLONS CAPACITY WITH A 2.0 HP AGITATOR.
4. PROCESS TANK NO. 4.1, 6-8" D X 7-4" H, 1,189 GALLONS CAPACITY WITH A 2.0 HP AGITATOR.
5. PROCESS TANK NO. 4.2, 6-8" D X 7'-4" H, 1,189 GALLONS CAPACITY WITH A 2.0 HP AGITATOR.
6. PROCESS TANK NO. 4.3, 6-8" D X 7'-4" H, 1,189 GALLONS CAPACITY WITH A 2.0 HP AGITATOR.
7. PROCESS TANK NO. 5, 6'-9" D X 9'-4" H, 1,592 GALLONS CAPACITY WITH A 2.0 H P AGITATOR.
8. PROCESS TANK NO. 5.1, 6'-8" D X 7'-4" H, 1,189 GALLONS CAPACITY WITH A 2.0 HP AGITATOR.
9. PROCESS TANK NO. 5.2, 6'-8" D X 7'-4" H, 1,189 GALLONS CAPACITY WITH A 2.0 HP AGITATOR.
10. PROCESS TANK NO. 5.3, 6'-8" D X 7'-4" H, 1,189 GALLONS CAPACITY WITH A 2.0 HP AGITATOR.
11. PROCESS TANK NO. 6, 6'-9" D X 9'-4" H, 1,599 GALLONS CAPACITY WITH A 2.0 HP AGITATOR.
12. PROCESS TANK NO. 7, 6'-9" D X 8'-5" H, 1,344 GALLONS CAPACITY WITH A 2.0 H P AGITATOR.
13. PROCESS TANK NO. 8, 6'-9" D X 8'-5" H, 1,356 GALLONS CAPACITY WITH A 2.0 HP AGITATOR.
14. PROCESS TANK NO. 9, 6'-9" D X 8'-5" H, 1,354 GALLONS CAPACITY WITH A 2.0 HP AGITATOR.
15. PROCESS TANK NO. 10, 6'-9" D X 8'-5" H, 1,360 GALLONS CAPACITY WITH A 2.0 HP AGITATOR.
16 PROCESS TANK NO. 11, 6'-9" D X 8'-5" H, 1,337 GALLONS CAPACITY WITH A 2.0 HP AGITATOR.
17. PROCESS TANK NO. 12, 6'-9" D X 8'-5" H, 1,332 GALLONS CAPACITY WITH A 2.0 HP AGITATOR.
18. PROCESS TANK NO. 13, 6'-9" D X 8'-5" H, 1,339 GALLONS CAPACITY WITH A 2.0 HP AGITATOR.
19. PROCESS TANK NO. 14, 6'-9" D X 8'-5" H, 1,353 GALLONS CAPACITY WITH A 2.0 HP AGITATOR.
20. PROCESS TANK NO. 15, 6'-9" D X 9'-4" H, 1,573 GALLONS CAPACITY WITH A 2.0 HP AGITATOR.

FACILITY PERMIT TO OPERATE
BAXTER HEALTHCARE CORP, HYLAND DIVISION

21. PROCESS TANK NO. 16, 6'-0" D X 7'-5" H, 1,107 GALLONS CAPACITY WITH A 1.0 HP AGITATOR.
22. PROCESS TANK NO. 17, 6'-0" D X 7'-5" H, 1,083 GALLONS CAPACITY WITH A 1.0 HP AGITATOR.
23. PROCESS TANK NO. 18, 6'-0" D X 7'-5" H, 1,102 GALLONS CAPACITY WITH A 1.0 HP AGITATOR.
24. PROCESS TANK NO. 19, 6'-0" D X 7'-5" H, 1,099 GALLONS CAPACITY WITH A 1.0 HP AGITATOR.
25. PROCESS TANK NO. 21, 7'-9" D X 8'-7" H, 1,739 GALLONS CAPACITY WITH A 2.5 HP AGITATOR.
26. PROCESS TANK NO. 22, 7'-9" D X 8'-7" H, 1,771 GALLONS CAPACITY WITH A 2.5 HP AGITATOR.
27. PROCESS TANK NO. 23, 7'-9" D X 8'-7" H, 1,765 GALLONS CAPACITY WITH A 2.5 HP AGITATOR.
28. PROCESS TANK NO. 24, 7'-9" D X 8'-7" H, 1,778 GALLONS CAPACITY WITH A 2.5 HP AGITATOR.
29. PROCESS TANK NO. 25, 7'-9" D X 8'-7" H, 1,793 GALLONS CAPACITY WITH A 2.5 HP AGITATOR.
30. PROCESS TANK NO. 26, 7'-9" D X 8'-7' H, 1,814 GALLONS CAPACITY WITH A 2.5 HP AGITATOR.
31. PROCESS TANK NO. 27, 7'-9" D X 8'-7" H, 1,818 GALLONS CAPACITY WITH A 2.5 HP AGITATOR.
32. PROCESS TANK NO. 28, 7'-9" D X 8'-7" H, 1,844 GALLONS CAPACITY WITH A 2.5 H P AGITATOR.
33. PROCESS TANK NO. 29, 7'-9" D X 8'-7" H, 1,750 GALLONS CAPACITY WITH A 2.5 H P AGITATOR.
34. PROCESS TANK NO. 30, 7'-9" D X 8'-7" H, 1,771 GALLONS CAPACITY WITH A 2.5 HP AGITATOR.
35. PROCESS TANK NO. 31, 7'-9" D X 8'-7" H, 1,749 GALLONS CAPACITY WITH A 2.5 HP AGITATOR.
36. PROCESS TANK NO. 32, 7'-9" D X 8'-7" H, 1,742 GALLONS CAPACITY WITH A 2.5 HP AGITATOR.
37. PROCESS TANK NO. 33, 6'-9" D X 8'-5" H, 1,328 GALLONS CAPACITY WITH A 2.0 HP AGITATOR.
38. PROCESS TANK NO. 34, 6'-9" D X 8'-5" H, 1,348 GALLONS CAPACITY WITH A 2.0 HP AGITATOR.
39. PROCESS TANK NO. 40, 6'-0" D X 7'-5" H, 1,058 GALLONS CAPACITY WITH A 3.0 HP AGITATOR.
40. PROCESS TANK NO. 41, 6'-9" D X 9'-4" H, 1,576 GALLONS CAPACITY WITH A 2.0 HP AGITATOR.
41. PROCESS TANK NO. 42, 6'-9" D X 9'-4" H, 1,590 GALLONS CAPACITY WITH A 2.0 HP AGITATOR.
42. PROCESS TANK NO. 43, 6'-9" D X 9'-4" H, 1,581 GALLONS CAPACITY WITH A 2.0 HP AGITATOR.
43. PROCESS TANK NO. 44, 6'-0" D X 8'-7" H, 1,191 GALLONS CAPACITY WITH A 2.5 HP AGITATOR.
44. PROCESS TANK NO. 45, 6'-0" D X 8'-7" H, 1,212 GALLONS CAPACITY WITH A 2.5 HP AGITATOR.
45. PROCESS TANK NO. 48, 6'-9" D X 9'-4" H, 1,566 GALLONS CAPACITY WITH A 2.0 HP AGITATOR.

FACILITY PERMIT TO OPERATE
BAXTER HEALTHCARE CORP, HYLAND DIVISION

46. PROCESS TANK NO. 51, 7'-9" D X 8'-9" H, 1,121 GALLONS CAPACITY WITH A 2.5 HP AGITATOR.

47. PROCESS TANK NO. 52, 7'-9" D X 8'-9" H, 1,109 GALLONS CAPACITY WITH A 2.5 HP AGITATOR.

48. PROCESS TANK NO. 53, 6'-0" D X 7'-5" H, 1,293 GALLONS CAPACITY WITH A 1.0 HP AGITATOR.

49. PROCESS TANK NO. 54, 6'-0" D X 7'-5" H, 1,214 GALLONS CAPACITY WITH A 2.5 HP AGITATOR.

50. TWO (2) FILTER PRESSES 4'-5" D X 0'-10" H, 5 HP EACH.

51. NINE (9) CENTRIFUGES, WESTFALIA 3'-l" D X 5'-6" H, 1.17 HP EACH.

52. TWO (2) EMI TANKS, 4'-l" D X 4'-3" H , 238 GALLONS CAPACITY WITH A 0.8 HP AGITATOR FOR. EACH TANK

53. FORTY (40) PORTABLE TANKS, EACH 132 GALLONS MAXIMUM CAPACITY.

54. ONE (1) HEMOGLOBIN TANK, 3'-3" D X 5'-7" H , WITH A 0.4 HP AGITATOR.

55. THIRTEEN (13) CUNO FILTERS, PORTABLE.

56. TEN (10) FILTER PUMPS, 0.75 HP EACH.

57. NINE (9) CENTRIFUGE PUMPS, 0.75 HP EACH.

58. TWO (2) SUSPENSION PUMPS, 0.75 HP EACH.

59. ONE (1) FILTER PRESS PUMP, 5.0 HP.

60. ONE (1) 40% POST-WASH PUMP, 0.75 HP.

61. TWO (2) POLE MIXERS, 3 HP EACH.

62. TWO (2) CENTRIFUGES, WESTFALIA 3'-l" D X 5'-6" H, 1.17 HP EACH.

63. THREE (3) FILTER PRESSES, 9'-0" L X 3'-1" W, 5 HP EACH.

64. TWO (2) FILTER PRESSES, 9'-0" L X 3'-1" W, 5 HP EACH.

65. TWO (2) EMI TANKS, 1,075 GALLONS CAPACITY, WITH AN AGITATOR FOR EACH TANK.

66. FILTER PRESS, 9'-0"L X3'-0"W, 5 HP.

Conditions:

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

FACILITY PERMIT TO OPERATE
BAXTER HEALTHCARE CORP, HYLAND DIVISION

[RULE 204]

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

3. THE MAXIMUM QUANTITY OF PLASMA PROCESSED IN THIS EQUIPMENT SHALL NOT EXCEED 74,420 GALLONS (281,710 LITERS) PER CALENDAR MONTH.
[RULE 1303(b)(2)-OFFSET]

4. THE VOC EMISSIONS FROM THIS EQUIPMENT SHALL NOT EXCEED 810 POUNDS PER CALENDAR MONTH.
[RULE 1303(b)(2)-OFFSET]

5. THE OPERATOR SHALL INSTALL A TEMPERATURE MEASURING/RECORDING DEVICE IN EACH BLOOD FRACTIONATION PROCESS ROOM.
[RULE 1303(a)(1)-BACT, RULE 1303(b)(2)-OFFSET]

6. THE TEMPERATURE WITHIN EACH ROOM SHALL BE MAINTAINED AT 41 DEGREES FAHRENHEIT (5 DEGREES CELSIUS) OR LOWER.
[RULE 1303(b)(2)-OFFSET]

7. RECORDS SHALL BE MAINTAINED BY THE OPERATOR TO DEMONSTRATE COMPLIANCE WITH CONDITION(S) (3), (4), (5), AND (6) ABOVE SUCH RECORDS SHALL BE KEPT FOR AT LEAST TWO YEARS AND MADE AVAILABLE AT THE REQUEST OF AQMD.
[RULE 3004(a)(4)]

8. MATERIAL SAFETY DATA SHEETS FOR MATERIALS USED AT THIS FACILITY SHALL BE KEPT CURRENT AND MADE AVAILABLE TO THE DISTRICT PERSONNEL UPON REQUEST.
[RULE 1401]

FACILITY PERMIT TO OPERATE
BAXTER HEALTHCARE CORP, HYLAND DIVISION

PERMIT TO OPERATE

Permit No. G18663
A/N 537730

Equipment Description:

BLOOD FRACTIONATION SYSTEM CONSISTING OF:

1. PRECIPITATION TANK NO. V-006, 7'-0" DIA X 8'-0" H, 11,335 LITERS CAPACITY, WITH A COOLING GLYCOL/ WATER SOLUTION JACKET AND A 2 HP AGITATOR.

2. PRECIPITATION TANK NO. V-006, 7'-0" DIA X 8'-0" H, 11,335 LITERS CAPACITY, WITH A COOLING GLYCOL/ WATER SOLUTION JACKET AND A 2 HP AGITATOR.

3. PRECIPITATION TANK NO. V-007, 7'-0" DIA X 8'-0" H, 11,335 LITERS CAPACITY, WITH A COOLING GLYCOL/ WATER SOLUTION JACKET AND A 2 HP AGITATOR.

4. PRECIPITATION TANK NO. V-010, 7'-0" DIA X 8'-0" H, 11,335 LITERS CAPACITY, WITH A COOLING GLYCOL/ WATER SOLUTION JACKET AND A 2 HP AGITATOR.

5. PRECIPITATION TANK NO. V-011, 7'-0" DIA X 8'-0" H, 11,335 LITERS CAPACITY, WITH A COOLING GLYCOL/ WATER SOLUTION JACKET AND A 2 HP AGITATOR.

6. PRECIPITATION TANK NO. V-012, 7'-0" DIA X 8'-0" H, 11,335 LITERS CAPACITY, WITH A COOLING GLYCOL/ WATER SOLUTION JACKET AND A 2 HP AGITATOR.

7. PRECIPITATION TANK NO. V-014, 7'-0" DIA X 8'-0" H, 11,335 LITERS CAPACITY, WITH A COOLING GLYCOL/ WATER SOLUTION JACKET AND A 2 HP AGITATOR.

8. PRECIPITATION TANK NO V-015, 7'-0" DIA X 8'-0" H, 11,335 LITERS CAPACITY, WITH A COOLING GLYCOL/ WATER SOLUTION JACKET AND A 2 HP AGITATOR.

9. PRECIPITATION TANK NO V-008, 7'-8" DIA X 9'-0" 1-1, 13,170 LITERS CAPACITY, WITH A COOLING GLYCOL/ WATER SOLUTION JACKET AND A 3 HP AGITATOR.

10. PRECIPITATION TANK NO. V-0I6, 7'-8" DIA X 9'-0" H, 13,170 LITERS CAPACITY, WITH A COOLING GLYCOL/ WATER SOLUTION JACKET AND A 3 HP AGITATOR.

11. PRECIPITATION TANK NO. V-017, 7'-8" DIA X 9'-0" H, 13,170 LITERS CAPACITY WITH A COOLING GLYCOL/ WATER SOLUTION JACKET AND A 3 HP AGITATOR.

12. PRECIPITATION TANK NO. V-018, 7'-8" DIA X 9'-0" H, 13,170 LITERS CAPACITY WITH A COOLING GLYCOL/ WATER SOLUTION JACKET AND A 3 HP AGITATOR.

13. PRECIPITATION TANK NO. V-020, 7'-8" DIA X 9'-0" H, 13,170 LITERS CAPACITY, WITH A COOLING GLYCOL/ WATER SOLUTION JACKET AND A 3 HP AGITATOR.

FACILITY PERMIT TO OPERATE
BAXTER HEALTHCARE CORP, HYLAND DIVISION

14. PRECIPITATION TANK NO. V-013, 7'-8" DIA X 9'-0" H, 13,170 LITERS CAPACITY WITH A COOLING GLYCOL/ WATER SOLUTION JACKET AND A 3 HP AGITATOR.

15. PRECIPITATION TANK NO. V-022,9'-0" DIA X 10'-0" H, 20,I75, LITERS CAPACITY WITH A COOLING GLYCOL/ WATER SOLUTION JACKET AND A 5 HP AGITATOR.

16. PRECIPITATION TANK NO. V-023, 9'-0" DIA X 10'-0" H, 20,175, LITERS CAPACITY WITH A COOLING GLYCOL/ WATER SOLUTION JACKET AND A 5 HP AGITATOR.

17. PRECIPITATION TANK NO. V-024, 9'-0" DIA X 10'-0" H, 20,175 LITERS CAPACITY, WITH A COOLING GLYCOL/ WATER SOLUTION JACKET AND A 5 HP AGITATOR.

18. PRECIPITATION TANK NO. V-026, 9'-0" DIA X 10'-0" H, 20,175, LITERS CAPACITY, WITH A COOLING GLYCOL/ WATER SOLUTION JACKET AND A 5 HP AGITATOR.

19. PRECIPITATION TANK NO. V-027, 9'-0" DIA X 10'-0" H, 20,175, LITERS CAPACITY, WITH A COOLING GLYCOL/ WATER SOLUTION JACKET AND A 5 HP AGITATOR.

20. PRECIPITATION TANK NO. V-028, 9'-0" DIA X 10'-0" H, 20,175, LITERS CAPACITY, WITH A COOLING GLYCOL/ WATER SOLUTION JACKET AND A 5 HP AGITATOR.

21. BUFFER PREPARATION TANK NO. V-029, 5'-0" DIA X 6'-0" H, 3,740 LITER CAPACITY, WITH A 1.0 HP AGITATOR AND A 5 HP PUMP.

22. BUFFER PREPARATION TANK NO. V-030, 5'-0" DIA X 6'-0" H, 3,740 LITER CAPACITY, WITH A 1.0 HP AGITATOR AND A 5 HP PUMP.

23. BUFFER PREPARATION TANK NO. V-031, 5'-0" DIA X 6'-0" H, 3,740 LITER CAPACITY, WITH A 1.0 HP AGITATOR AND A 5 HP PUMP.

24. BUFFER PREPARATION TANK NO. V-032, 5'-0" DIA X 6'-0" H, 3,740 LITER CAPACITY, WITH A 1.0 HP AGITATOR AND A 5 HP PUMP.

25. BUFFER PREPARATION TANK NO. V-033, 5'-0" DIA X 6'-0" H, 3,740 LITER CAPACITY, WITH A 1.0 HP AGITATOR AND A 5 HP PUMP.

26. BUFFER PREPARATION TANK NO. V-034, 5'-0" DIA X 6'-0" H, 3,740 LITER CAPACITY, WITH A 1.0 HP AGITATOR AND A 5 HP PUMP.

27. BUFFER PREPARATION TANK NO. V-038, 5'-0" DIA X 6'-0" H, 3,740 LITER CAPACITY, WITH A 1.0 HP AGITATOR AND A 5 HP PUMP.

28. BUFFER PREPARATION TANK NO. V-042, 5'-0" DIA X 6'-0" H, 3,740 LITER CAPACITY, WITH A 1.0 HP AGITATOR AND A 5 HP PUMP.

29. BUFFER PREPARATION TANK NO. V-044, 5'-0" DIA X 6'-0" H, 3,740 LITER CAPACITY, WITH A 1.0 HP AGITATOR AND A 5 HP PUMP.

30. BUFFER PREPARATION TANK NO. V-045, 5'-0" DIA X 6'-0" H, 3,740 LITER CAPACITY, WITH A 1.0 HP AGITATOR AND A 5 HP PUMP.

FACILITY PERMIT TO OPERATE
BAXTER HEALTHCARE CORP, HYLAND DIVISION

31. BUFFER PREPARATION TANK NO. V-046, 5'-0" DIA X 6'-0" H, 3,740 LITER CAPACITY, WITH A 1.0 HP AGITATOR AND A 5 HP PUMP.

32. BUFFER PREPARATION TANK NO. V-047, 5'-0" DIA X 6'-0" H, 3,740 LITER CAPACITY, WITH A 1.0 HP AGITATOR AND A 5 HP PUMP.

33. BUFFER PREPARATION TANK NO. V-048, 5'-0" DIA X 6'-0" H, 3,740 LITER CAPACITY, WITH A 1.0 HP AGITATOR AND A 5 HP PUMP.

34. BUFFER PREPARATION TANK NO. V-108, 5'-0" DIA X 6'-0" H, 3,740 LITER CAPACITY, WITH A 1.0 HP AGITATOR AND A 5 HP PUMP.

35. ETHANOL SURGE TANK NO. V-054, 4'-0" DIA X 5'-0" H, 1,975 LITERS CAPACITY, AND A PUMP

36. WASTE ALCOHOL TANK NO. V-054, 5'-0" DIA X 9'-0" H, 5,350 LITERS CAPACITY, WITH A 2 HP AGITATOR AND A 5 HP PUMP.

37. FRACTION II COLLECTION TANK NO. V-087, 2'-3" DIA X 4'-0" H, 490 LITERS CAPACITY, WITH A 5 HP PUMP

38. FRAME AND FILTER PRESS NO. 001, PLATE AND FRAME TYPE, 800 SQUARE FEET SURFACE AREA, WITH A 5 HP PUMP.

39. FRAME AND FILTER PRESS NO. 002, PLATE AND FRAME TYPE, 392 SQUARE FEET SURFACE AREA, WITH A 5 HP PUMP.

40. FRAME AND FILTER PRESS NO. 003, PLATE AND FRAME TYPE, 753 SQUARE FEET SURFACE AREA, WITH A 5 HP PUMP.

41. FRAME AND FILTER PRESS NO. 004, PLATE AND FRAME TYPE, 633 SQUARE FEET SURFACE AREA, WITH A 5 HP PUMP.

42. FRAME AND FILTER PRESS NO. 005, PLATE AND FRAME TYPE, 708 SQUARE FEET SURFACE AREA, WITH A 5 HP PUMP.

43. FRAME AND FILTER PRESS NO. 006, PLATE AND FRAME TYPE, 581 SQUARE FEET SURFACE AREA, WITH AS HP PUMP.

44. FOUR CENTRIFUGES WITH 30 HP DRIVE MOTORS AND FOUR 1.0 HP PUMPS, AND ONE 5 HP PUMP.

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]

FACILITY PERMIT TO OPERATE
BAXTER HEALTHCARE CORP, HYLAND DIVISION

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

3. THE MAXIMUM AMOUNT OF PLASMA PROCESSED IN THIS EQUIPMENT SHALL NOT EXCEED 369,000 LITERS TN ANY ONE CALENDAR MONTH.
[RULE 1303(b)(2)-OFFSET]

4. THE AUTOMATIC CLEAN-IN-PLACE (CIP) SHALL BE USED FOR THE CLEANING OF TANKS AND PROCESS LINES, FILTER PRESSES, CLARIFICATION FILTERS, AND TEAR DOWN EQUIPMENT WITHOUT ETHANOL.
[RULE 1303(a)(1)-BACT, RULE 1303(b)(2)-OFFSET]

5. A TEMPERATURE GAUGE SHALL BE INSTALLED AND MAINTAINED TO ACCURATELY MEASURE AND INDICATE THE OPERATING TEMPERATURE OF THE FILTER ROOMS AND THE PROCESS TANKS.
[RULE 1303(a)(1)-BACT, RULE 1303(b)(2)-OFFSET]

6. OPERATING TEMPERATURE OF THE FILTER ROOMS SHALL BE MAINTAINED AT 40 DEGREES FAHRENHEIT OR LOWER.
[RULE 1303(a)(1)-BACT, RULE 1303(b)(2)-OFFSET]

7. OPERATING TEMPERATURE OF THE PROCESS TANKS SHALL BE MAINTAINED AT 32 DEGREES FAHRENHEIT OR LOWER.
[RULE 1303(a)(1)-BACT, RULE 1303(b)(2)-OFFSET]

8. RECORDS SHALL BE MAINTAINED TO PROVE COMPLIANCE WITH CONDITION NUMBER 3. THE RECORDS SHALL BE KEPT IN A FORMAT WHICH IS ACCEPTABLE TO THE DISTRICT THE RECORDS SHALL BE RETAINED FOR AT LEAST FIVE YEARS AND MADE AVAILABLE TO THE AQMD UPON REQUEST.
[RULE 3004(a)(4)]

FACILITY PERMIT TO OPERATE
BAXTER HEALTHCARE CORP, HYLAND DIVISION

PERMIT TO OPERATE

Permit No. G18676
A/N 537731

Equipment Description:

SPENT ALCOHOL DISTILLATION SYSTEM CONSISTING OF:

1. DISTILLATION COLUMN C-1, 2'-6" DIA X 32'-3" H, WITH A PACKED SECTION AND SIEVE TRAYS.
2. STILL POT V-1, 6'-6" DIA X 9'-0" L, WITH A STEAM HEATED REBOILER, E-3, A WATER COOLED BOTTOMS COOLER, E-1, AND A BOTTOMS PUMP.
3. MAIN CONDENSER E-2, 1'-4" DIA X 8'-0" L, WATER COOLED.
4. PRIMARY VENT CONDENSER E-4, 0'-7" DIA X 4-0" L, WATER COOLED.
5. SECONDARY VENT CONDENSER E-6, 0'-4" DIA X 2'-6' H, CHILLED WATER COOLED.
6. DISTILLATE SUBCOOLER E-5, 0-9" DIA X 9'-0" H, WATER COOLED.
7. SLOP TANK T-5, 2'-6" DIA X 4'-3" 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 TN GOOD OPERATING CONDITION AT ALL TIMES.
[RULE 204]

3. THIS EQUIPMENT SHALL NOT BE OPERATED UNLESS THE PRIMARY VENT CONDENSER IS VENTED TO THE SECONDARY VENT CONDENSER.
[RULE 1303(a)(1)-BACT, RULE 1303(b)(2)-OFFSET]

4. A TEMPERATURE GAUGE SHALL BE INSTALLED IN THE CHILLED WATER OUTLET OF THE SECONDARY VENT CONDENSER.
[RULE 1303(a)(1)-BACT, RULE 1303(b)(2)-OFFSET]

5. THE TEMPERATURE OF THE CHILLED WATER IN THE OUTLET OF THE SECONDARY VENT CONDENSER SHALL BE 55 DEGREES FAHRENHEIT OR LOWER.
[RULE 1303(a)(1)-BACT, RULE 1303(b)(2)-OFFSET]

FACILITY PERMIT TO OPERATE
BAXTER HEALTHCARE CORP, HYLAND DIVISION

PERMIT TO OPERATE

Permit No. G18678
A/N 537733

Equipment Description:

HOLDING TANKS T-3A AND T-3B, RECLAIMED ETHANOL, EACH 6'-6" DIA X 13'-0", 2,500 GALLONS CAPACITY WITH ONE TRANSFER PUMP.

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 TN GOOD OPERATING CONDITION AT ALL TIMES.
[RULE 204]

3. THIS EQUIPMENT SHALL NOT BE OPERATED UNLESS IT IS VENTED TO THE PRIMARY VENT CONDENSER OF THE SPENT ALCOHOL DISTILLATION SYSTEM.
[RULE 1303(a)(1)-BACT, RULE 1303(b)(2)-OFFSET]

FACILITY PERMIT TO OPERATE
BAXTER HEALTHCARE CORP, HYLAND DIVISION

PERMIT TO OPERATE

Permit No. G18679
A/N 537734

Equipment Description:

STORAGE TANK T-1B, SPENT ETHANOL, 12'-0" DIA X 20'-0" H, 15,000 CAPACITY, WITH ONE COMMON TRANSFER PUMP.

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 TN GOOD OPERATING CONDITION AT ALL TIMES.
[RULE 204]

3. THIS EQUIPMENT SHALL NOT BE OPERATED UNLESS IT IS VENTED TO THE PRIMARY VENT CONDENSER OF THE SPENT ALCOHOL DISTILLATION SYSTEM.
[RULE 1303(a)(1)-BACT, RULE 1303(b)(2)-OFFSET]

FACILITY PERMIT TO OPERATE
BAXTER HEALTHCARE CORP, HYLAND DIVISION

PERMIT TO OPERATE

Permit No. G18680
A/N 537735

Equipment Description:

STORAGE TANK T-1A, SPENT ETHANOL, 12'-0" DIA X 20'-0" H, 15,000 GALLONS CAPACITY, WITH ONE COMMON TRANSFER PUMP.

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 TN GOOD OPERATING CONDITION AT ALL TIMES.
[RULE 204]

3. THIS EQUIPMENT SHALL NOT BE OPERATED UNLESS IT IS VENTED TO THE PRIMARY VENT CONDENSER OF THE SPENT ALCOHOL DISTILLATION SYSTEM.
[RULE 1303(a)(1)-BACT, RULE 1303(b)(2)-OFFSET]

FACILITY PERMIT TO OPERATE
BAXTER HEALTHCARE CORP, HYLAND DIVISION

PERMIT TO OPERATE

Permit No. G18681
A/N 537736

Equipment Description:

STORAGE TANK NO. 1, ETHYL ALCOHOL, 10'-0" DIA X 20'-0" H, 15,000 GALLONS CAPACITY, WITH VAPOR RETURN LINE AND PRESSURE RELIEF VALVE.

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 TN GOOD OPERATING CONDITION AT ALL TIMES.
[RULE 204]

3. THIS TANK SHALL NOT BE FILLED UNLESS THE VENT GAS IS RETURNED TO THE LOADING VESSEL BY VAPOR RETURN LINE.
[RULE 1303(a)(1)-BACT, RULE 1303(b)(2)-OFFSET]

FACILITY PERMIT TO OPERATE
BAXTER HEALTHCARE CORP, HYLAND DIVISION

PERMIT TO OPERATE

Permit No. G18682
A/N 537737

Equipment Description:

STORAGE TANK NO. 2, ETHYL ALCOHOL, 10'-0" DIA X 20'-0" H, 15,000 GALLONS CAPACITY, WITH VAPOR RETURN LINE AND PRESSURE RELIEF VALVE.

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 TN GOOD OPERATING CONDITION AT ALL TIMES.
[RULE 204]

3. THIS TANK SHALL NOT BE FILLED UNLESS THE VENT GAS IS RETURNED TO THE LOADING VESSEL BY VAPOR RETURN LINE.
[RULE 1303(a)(1)-BACT, RULE 1303(b)(2)-OFFSET]

FACILITY PERMIT TO OPERATE
BAXTER HEALTHCARE CORP, HYLAND DIVISION

PERMIT TO OPERATE

Permit No. G30236
A/N 555966

Equipment Description:

INTERNAL COMBUSTION ENGINE, CATERPILLAR, 16 CYLINDER, TURBOCHARGED/AFTERCOOLED, MODEL 3516C-DITA, 3622 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 TN GOOD OPERATING CONDITION AT ALL TIMES.
[RULE 204]

3. A NON-RESETTABLE TOTALIZING TIMER SHALL BE INSTALLED AND MAINTAINED TO INDICATE THE ENGINE ELAPSED OPERATING TIME.
[RULE 1304, RULE 1470, 40 CFR 60.4214 (b)]

4. THIS ENGINE SHALL NOT OPERATE MORE THAN 200 HOURS EN ANY ONE YEAR, WHICH INCLUDES NO MORE THAN 20 HOURS IN ANY ONE YEAR FOR MAINTENANCE AND TESTING PURPOSES.
[RULE 1304, RULE 1470, 40 CFR 60.4211 (f)]

5. AN ENGINE OPERATING LOG OF ENGINE OPERATIONS SHALL BE KEPT AND MAINTAINED DOCUMENTING THE TOTAL TIME THE ENGINE IS OPERATED EACH MONTH AND THE SPECIFIC REASON FOR OPERATION SUCH AS:

   A. EMERGENCY USE

   B. MAINTENANCE AND TESTING

   C. OTHER (BE SPECIFIC)

   IN ADDITION, FOR EACH TIME THE ENGINE IS MANUALLY STARTED, THE LOG SHALL INCLUDE THE DATE OF ENGINE OPERATION, THE SPECIFIC REASON FOR OPERATION, AND THE TOTALIZING HOUR METER READING (IN HOURS AND TENTHS OF HOURS) AT THE BEGINNING AND THE END OF THE OPERATION.
   [RULE 1470, 40 CFR 60.4214 (b)]

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6. ON OR BEFORE JANUARY 15TH OF EACH YEAR, THE OPERATOR SHALL RECORD IN THE ENGINE OPERATING LOG:

   A. THE TOTAL HOURS OF ENGINE OPERATION FOR THE PREVIOUS CALENDAR YEAR, AND

   B. THE TOTAL HOURS OF ENGINE OPERATION FOR MAINTENANCE AND TESTING FOR THE PREVIOUS CALENDAR YEAR.

   [RULE 1470, 40 CFR 60.4214 (b)]

7. ENGINE OPERATION LOG(S) SHALL BE RETAINED ON SITE FOR A MINIMUM OF FIVE CALENDAR YEARS AND SHALL BE MADE AVAILABLE TO THE EXECUTIVE OFFICER OR REPRESENTATIVE UPON REQUEST.
   [RULE 3004(a)(4)]

8. OPERATION BEYOND THE 20 HOURS PER YEAR ALLOTTED FOR ENGINE MAINTENANCE AND TESTING SHALL BE ALLOWED ONLY IN THE EVENT OF A LOSS OF GRID POWER OR UP TO 30 MINUTES PRIOR TO A ROTATING OUTAGE, PROVIDED THAT: (A) THE UTILITY DISTRIBUTION COMPANY HAS ORDERED ROTATING OUTAGES IN THE CONTROL AREA WHERE THE ENGINE IS LOCATED OR HAS INDICATED THAT IT EXPECTS TO ISSUE SUCH AN ORDER AT A CERTAIN TIME; AND (B) THE ENGINE IS LOCATED IN A 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]

9. THE OPERATOR SHALL COMPLY WITH ALL APPLICABLE REQUIREMENTS OF RULES 431.2, 1470 AND 40 CFR 60.4207(b).
   [RULE 431.2, RULE 1470, 40 CFR 60.4207(b)]

Emissions And Requirements:

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

    PM: RULE 404, SEE APPENDIX B FOR EMISSION LIMITS

FACILITY PERMIT TO OPERATE
BAXTER HEALTHCARE CORP, HYLAND DIVISION

PERMIT TO CONSTRUCT AND OPERATE

Permit No. G30269
A/N 552408

Equipment Description:

BOILER, CLEAVER BROOKS, MODEL CBEX-700-900-150S, FIRE-TUBE, WITH A 37.656 MMBTU/HR CLEAVER BROOKS LOW NOX BURNER, NATURAL GAS FIRED, WITH FLUE GAS RECIRCULATION AND OXYGEN TRIM 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. THIS EQUIPMENT SHALL BE FIRED WITH NATURAL GAS ONLY.
[RULE 1303(a)(1), RULE 1146]

4. A TOTALIZING FUEL FLOW METER SHALL BE INSTALLED AND MAINTAINED TO INDICATE THE TOTAL VOLUME OF NATURAL GAS SUPPLIED TO THIS BOILER.
[RULE 1146]

5. THE TOTAL NATURAL GAS SUPPLIED TO THIS BOILER SHALL NOT EXCEED 23.562 MMSCF/MONTH.
[RULE 1303(b)(2)]

6. THE OPERATOR SHALL HAVE THE BURNER EQUIPPED WITH A CONTROL SYSTEM TO AUTOMATICALLY REGULATE THE COMBUSTION AIR AND FUEL AS THE BOILER LOAD VARIES. THIS AUTOMATIC CONTROL SYSTEM SHALL BE ADJUSTED AND TUNED AT LEAST ONCE A YEAR ACCORDING TO MANUFACTURER'S SPECIFICATIONS TO MAINTAIN REPEATABLE PERFORMANCE.
[RULE 1303(a)(1)]

7 THIS EQUIPMENT SHALL EMIT NO MORE THAN 9 PPM OF OXIDES OF NITROGEN (NOX), CALCULATED AS NO2, AND NOT MORE THAN 50 PPM OF CARBON MONOXIDE (CO), ALL MEASURED BY VOLUME ON A DRY BASIS AT 3% O2.
[RULE 1303(a)(1), RULE 1146]

8. THE OPERATOR SHALL MAINTAIN ADEQUATE RECORDS FOR THIS EQUIPMENT TO VERIFY COMPLIANCE WITH CONDITION NO. 5, 6 & 7 ABOVE. SUCH RECORDS SHALL BE KEPT ON THE

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PREMISES FOR AT LEAST TWO YEARS AND BE MADE AVAILABLE TO THE SCAQMD PERSONNEL UPON REQUEST.
[RULE 3004(a)(4)]

9 THIS EQUIPMENT SHALL COMPLY WITH THE APPLICABLE REQUIREMENTS OF RULE 1146.
[RULE 1146]

10. A SOURCE TEST SHALL BE CONDUCTED ONCE EVERY THREE YEARS TO VERIFY COMPLIANCE WITH NOX AND CO EMISSION LIMITS SPECIFIED IN CONDITION NO. 7.
[RULE 1146]

11. THE OPERATOR SHALL CONDUCT PERIODIC MONITORING OF NOX AND CO EMISSIONS PURSUANT TO THE SCHEDULE IN RULE 1146 WITH A PORTABLE NOX, CO, AND OXYGEN ANALYZER ACCORDING TO THE PROTOCOL FOR THE PERIODIC MONITORING OF NITROGEN OXIDES, CARBON MONOXIDE, AND OXYGEN.
[RULE 1146]

12. AN INITIAL SOURCE TEST SHALL BE CONDUCTED WITHIN 180 DAYS AFTER THE INITIAL START-UP OF THIS EQUIPMENT, UNLESS OTHERWISE APPROVED IN WRITING BY THE EXECUTIVE OFFICER.
[RULE 1303(a)(1), RULE 1146]

13. THE SOURCE TEST SHALL BE PERFORMED TO VERIFY COMPLIANCE WITH THE NOX AND CO EMISSION LIMITS SPECIFIED IN CONDITION NO. 7.
[RULE 1303(a)(1), RULE 1146]

14. TWO COPIES OF 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.
[RULE 1146]

15. THE PROTOCOL SHALL BE APPROVED IN WRITING BY THE DISTRICT BEFORE THE TEST COMMENCES. THE TEST PROTOCOL SHALL INCLUDE THE COMPLETE 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 THAT IT MEETS THE CRITERIA IN DISTRICT RULE 304(K), AND A DESCRIPTION OF THE SAMPLING AND ANALYTICAL PROCEDURES TO BE USED.
[RULE 1146]

16. SOURCE TESTING SHALL BE CONDUCTED IN ACCORDANCE WITH SCAQMD METHOD 100.1. THE TESTS SHALL BE CONDUCTED WHILE THE BOILER IS OPERATING AT MAXIMUM, MINIMUM AND AVERAGE FIRING RATES. THE SAMPLING TIMES SHALL BE AT LEAST 15 CONSECUTIVE MINUTES FOR MAXIMUM AND MINIMUM LOADS AND AT LEAST ONE HOUR FOR NORMAL OPERATING LOAD.
[RULE 1146]

17. WRITTEN CORRESPONDENCE SHALL BE ADDRESSED TO SOUTH COAST AIR QUALITY MANAGEMENT DISTRICT (ADDRESSED TO SOUTH COAST AIR QUALITY MANAGEMENT DISTRICT, P.O. BOX 4941, DIAMOND BAR, CA 91765) REFERENCING APPLICATION NO. 552408.
[RULE 1146]

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18. WRITTEN NOTICE OF THE SOURCE TEST SHALL BE SUBMITTED TO THE DISTRICT (ADDRESSED TO SOUTH COAST AIR QUALITY MANAGEMENT DISTRICT, P.O. BOX 4941, DIAMOND BAR, CA 91765) AT LEAST 14 DAYS PRIOR TO TESTING SO THAT AN OBSERVER MAY BE PRESENT. [RULE 1146]

19. TWO COMPLETE COPIES OF SOURCE TEST REPORT SHALL BE SUBMITTED TO THE DISTRICT, WITHIN 45 DAYS AFTER THE TEST. THE REPORT SHALL INCLUDE, BUT NOT BE LIMITED TO EMISSIONS RATES IN POUNDS PER HOUR AND CONCENTRATIONS IN PPMV AT THE OUTLET OF THE BOILER, MEASURED ON A DRY BASIS AT 3% OXYGEN. THE FOLLOWING OPERATING DATA SHALL ALSO BE INCLUDED FOR EACH FIRING RATE:

    I. THE EXHAUST FLOW RATES, IN ACTUAL CUBIC FEET PER MINUTE (ACFM)
    II. THE FIRING RATES, IN BTU PER HOUR
    III. THE EXHAUST TEMPERATURE, IN DEGREE F.
    IV. THE OXYGEN CONTENT OF THE EXHAUST GASES, IN PERCENT, AND
    V. THE FUEL FLOW RATE.

    [RULE 1146]

20. A TESTING LABORATORY CERTIFIED BY THE CALIFORNIA AIR RESOURCES BOARD IN THE REQUIRED TEST METHODS FOR CRITERIA POLLUTANT TO BE MEASURED, AND IN COMPLIANCE WITH RULE 304 (NO CONFLICT OF INTEREST) SHALL CONDUCT THE TEST. [RULE 1146]

21. SAMPLING FACILITIES SHALL COMPLY WITH THE DISTRICT GUIDELINES FOR CONSTRUCTION OF SAMPLING AND TESTING FACILITIES, PURSUANT TO RULE 217. [RULE 1146]

Periodic Monitoring:

22. ALL RECORDS REQUIRED BY THIS PERMIT SHALL BE MAINTAINED ON FILE FOR EXPEDITIOUS INSPECTION AND REVIEW. THE RECORDS SHALL BE RETAINED FOR AT LEAST FIVE YEARS AND MADE AVAILABLE TO THE AQMD PERSONNEL UPON REQUEST. AT MINIMUM THE MOST RECENT TWO YEARS OF RECORDS SHALL BE RETAINED ON SITE. [RULE 3004(a)(4)]

23. THE OPERATOR SHALL DETERMINE COMPLIANCE WITH THE CO AND NOX EMISSION LIMITS BY CONDUCTING A TEST AT LEAST ONCE EVERY FIVE YEARS USING A PORTABLE ANALYZER AND AQMD-APPROVED TEST METHOD OR, IF NOT AVAILABLE, A NON-AQMD APPROVED TEST METHOD. THE TEST SHALL BE CONDUCTED WHEN THE EQUIPMENT IS OPERATING UNDER NORMAL CONDITIONS TO DEMONSTRATE COMPLIANCE WITH THE EMISSION LIMITS SPECIFIED. THE OPERATOR SHALL COMPLY WITH ALL GENERAL TESTING, REPORTING, AND RECORDKEEPING REQUIREMENTS IN SECTIONS E AND K OF THIS PERMIT. [RULE 3004 (a)(4)]

Emissions And Requirements:

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

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CO:	2000 PPM, RULE 407
CO:	50 PPMV, RULE1146
NOX:	9 PPMV, RULE 1146
PM:	0.1 GRAIN/SCF, RULE 409

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BAXTER HEALTHCARE CORP, HYLAND DIVISION

RULE 219 EQUIPMENT

Equipment Description:

RULE 219 EXEMPT EQUIPMENT, AIR CONDITIONING UNITS.

Emissions And Requirements:

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

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BAXTER HEALTHCARE CORP, HYLAND DIVISION

RULE 219 EQUIPMENT

Equipment Description:

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

Periodic Monitoring:

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

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

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

   [RULE 3004 (a) (4)]

Emissions And Requirements:

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

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