



South Coast Air Quality Management District

21865 Copley Drive, Diamond Bar, CA 91765-4178
(909) 396-2000 • www.aqmd.gov

October 17, 2012

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

Dear Mr. Rios:

Subject: Transmittal of Final Title V Permit

Enclosed is the final Title V permit issued by the South Coast Air Quality Management District (AQMD) for Baxter Healthcare Corp, Hyland Division (Facility ID 69081) located at 4501 Colorado Blvd, Los Angeles, California 90039. The proposed permit for this facility was submitted to EPA Region IX for 45-day review on July 27, 2012 and made available for 30-day public comment on August 3, 2012. The AQMD did not receive any public comments on the proposed permit.

If there are specific questions on this Title V permit, please contact Hassan Namaki of our Mechanical, Chemical & Public Services at (909) 396-2699. Questions on the AQMD's Title V permitting program may be referred to me at (909) 396-2662 or William Thompson, the Manager of the program, at (909) 396-2398.

Sincerely



Mohsen Nazemi, P.E.
Deputy Executive Officer
Engineering and Compliance

Enclosures

c: Brian L. Yeh (w/o enclosures)
William Thompson (w/o enclosures)



South Coast Air Quality Management District

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October 17, 2012

Ms. Jody Bancroft
EH&S Manager
Baxter Healthcare Corp., Hyland Division (ID 069081)
4501 Colorado Blvd.
Los Angeles, CA 90039

Dear Ms. Bancroft:

Subject: Initial Title V Facility Permit

Enclosed is your Initial Title V Facility Permit that has been issued by the South Coast Air Quality Management District (AQMD) under Application No. 508886 for your facility located at 4501 Colorado Blvd., Los Angeles, California 90039. As of October 17, 2012, this Title V Facility Permit replaces all existing Permit to Operate and Permit to Construct that have been issued by the AQMD to your facility (Facility ID 069081).

Please review all sections of your Title V permit carefully and make sure that you comply with all requirements including, but not limited to, the monitoring, recordkeeping, and reporting requirements (i.e. semi-annual monitoring report, annual compliance certification report, etc.) specified in this Title V permit. All reporting forms can be downloaded from the AQMD website at <http://www.aqmd.gov/titlev/apply.html>.

Thank you for providing the necessary information that allowed the AQMD to complete the evaluation of your facility with respect to Federal Title V requirements. If you have any questions on your Title V permit, please contact Hassan Namaki of our Chemical/Mechanical Operation Team at (909) 396-2699.

Sincerely,

A handwritten signature in black ink, appearing to read 'Mohsen Nazemi', is written over the typed name and title.

Mohsen Nazemi, P.E.
Deputy Executive Officer
Engineering and Compliance

Enclosures
Certified Mail/Return Receipt Requested
C: Title V Administration (w/o enclosures)
BLY:HN



FACILITY PERMIT TO OPERATE

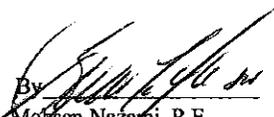
**BAXTER HEALTHCARE CORP., HYLAND DIV
4501 COLORADO BLVD
LOS ANGELES, CA 90039**

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.

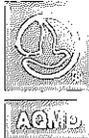
Deputy Executive Officer
Engineering & Compliance



**FACILITY PERMIT TO OPERATE
BAXTER HEALTHCARE CORP., HYLAND DIV**

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**FACILITY PERMIT TO OPERATE
BAXTER HEALTHCARE CORP., HYLAND DIV**

SECTION A: FACILITY INFORMATION

LEGAL OWNER &/OR OPERATOR: BAXTER HEALTHCARE CORP., HYLAND DIV

LEGAL OPERATOR (if different than owner):

EQUIPMENT LOCATION: 4501 COLORADO BLVD
LOS ANGELES, CA 90039-1103

MAILING ADDRESS: 4501 COLORADO BLVD
LOS ANGELES, CA 90039

RESPONSIBLE OFFICIAL: JODY BANCROFT

TITLE: EH&S MANAGER

TELEPHONE NUMBER: (818) 265-6847

CONTACT PERSON: JODY BANCROFT

TITLE: EH&S MANAGER

TELEPHONE NUMBER: (818) 265-6847

INITIAL TITLE V PERMIT ISSUED: October 17, 2012

TITLE V PERMIT EXPIRATION DATE: October 16, 2017

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



**FACILITY PERMIT TO OPERATE
BAXTER HEALTHCARE CORP., HYLAND DIV**

SECTION B: RECLAIM ANNUAL EMISSION ALLOCATION

NOT APPLICABLE



**FACILITY PERMIT TO OPERATE
BAXTER HEALTHCARE CORP., HYLAND DIV**

SECTION C: FACILITY PLOT PLAN

(TO BE DEVELOPED)



**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
118961	M38063	ICE (>500 HP) EM ELEC GEN, DIESEL
392000	F45904	ICE (50-500 HP) EM ELEC GEN, DIESEL
397951	F52803	BOILER (5-20 MMBTU/HR) NAT GAS ONLY
398398	F56740	ICE (50-500 HP) EM FIRE FIGHT, DIESEL
413877	F60920	ICE (>500 HP) EM ELEC GEN, DIESEL
429559	F69132	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
515309	G10916	ICE (50-500 HP) EM ELEC GEN, DIESEL
522516	G18835	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
538398	G18829	ICE (>500 HP) EM ELEC GEN, DIESEL

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. R-M38063
A/N 118961**

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 DO 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
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- 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. F45904
A/N 392000**

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]



**FACILITY PERMIT TO OPERATE
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
BAXTER HEALTHCARE CORP, HYLAND DIVISION**

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. F52803
A/N 397951**

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. NO_x EMISSIONS FROM THIS BOILER SHALL NOT EXCEED 12 PPMV AT 3% OXYGEN.
[RULE 1146, RULE 1303(a)(1)]
4. CO EMISSIONS FROM THIS BOILER SHALL NOT EXCEED 50 PPMV AT 3% OXYGEN.
[RULE 1146, RULE 1303(a)(1)]
5. THE OWNER OR OPERATOR OF THIS EQUIPMENT SHALL CONDUCT SOURCE TEST UNDER THE FOLLOWING CONDITIONS:
 - A. SOURCE TESTING SHALL BE CONDUCTED WITHIN 180 DAYS AFTER INITIAL START-UP UNLESS OTHERWISE APPROVED IN WRITING BY THE EXECUTIVE OFFICER.
 - B. THE SOURCE TESTS SHALL BE PERFORMED TO VERIFY COMPLIANCE WITH THE NO_x AND CO EMISSION LIMITS SPECIFIED BY THIS PERMIT.
 - C. THE TESTS SHALL BE CONDUCTED WHILE THE BOILER IS FIRING AT MAXIMUM, MINIMUM, AND AVERAGE FIRING RATES.
 - D. A WRITTEN NOTICE OF THE SOURCE TESTS 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.
 - E. TWO COMPLETE COPIES OF SOURCE TEST REPORTS SHALL BE SUBMITTED TO THE DISTRICT (ADDRESSED TO SOUTH COAST AIR QUALITY MANAGEMENT DISTRICT, P.O. BOX 4941, DIAMOND BAR, CA 91765) WITHIN 45 DAYS AFTER THE TEST. THE REPORT



FACILITY PERMIT TO OPERATE BAXTER HEALTHCARE CORP, HYLAND DIVISION

SHALL INCLUDE, BUT NOT LIMITED TO EMISSION 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 DEGREES FAHRENHEIT,
 - IV. THE OXYGEN CONTENT OF THE EXHAUST GASES, IN PERCENT, AND
 - V. THE FUEL FLOW RATE.
- F. THE TEST SHALL BE CONDUCTED BY A TESTING LABORATORY CERTIFIED BY THE THE CALIFORNIA AIR RESOURCES BOARD IN THE REQUIRED TEST METHODS FOR CRITERIA POLLUTANTS TO BE MEASURED, AND IN COMPLIANCE WITH DISTRICT RULE 304 (NO CONFLICT OF INTEREST).
- G. SAMPLING FACILITIES SHALL COMPLY WITH THE DISTRICT GUIDELINES FOR CONSTRUCTION OF SAMPLING AND TESTING FACILITIES, PURSUANT TO RULE 217. [RULE 1146, RULE 1303(a)(1)]
6. THIS EQUIPMENT SHALL BE OPERATED IN COMPLIANCE WITH RULE 1146. [RULE 1146]
7. THIS BOILER MAY BE FIRED ON LPG DURING NATURAL GAS CURTAILMENT ONLY. [RULE 1146]

Periodic Monitoring:

8. 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)]
9. 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:

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



FACILITY PERMIT TO OPERATE
BAXTER HEALTHCARE CORP, HYLAND DIVISION

CO: 2000 PPM, RULE 407
CO: 50 PPMV, RULE 1146
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. F56740
A/N 398398**

Equipment Description:

INTERNAL COMBUSTION ENGINE, CATERPILLAR, DIESEL-FUELED, EMERGENCY FIRE WATER PUMP DRIVER, MODEL 3208-175, NATURALLY ASPIRATED, 8 CYLINDERS, FOUR CYCLE, 160 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. A TIMER SHALL BE MAINTAINED TO INDICATE THE ENGINE ELAPSED OPERATING TIME.
[RULE 1304, RULE 1470, 40 CFR 60.4209(a)]
4. THIS ENGINE SHALL NOT BE OPERATED MORE THAN 125 HOURS IN ANY ONE YEAR UNLESS ADDITIONAL HOURS ARE OTHERWISE AUTHORIZED BY THE EXECUTIVE OFFICER THIS EQUIPMENT SHALL ONLY OPERATE DURING MAINTENANCE TESTING, PERFORMANCE TESTING, OR IN CASES OF EMERGENCY.
[RULE 1470, 40 CFR 60.4211(f)]
5. THE ENGINE TIMING SHALL BE RETARDED 4 DEGREES RELATIVE TO STANDARD.
[RULE 1303(a)(1)-BACT]
6. 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 THE AQMD PERSONNEL UPON REQUEST.
[RULE 3004(a)(4), 40 CFR 60.4214(b)]
7. 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)]
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))



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- 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



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PERMIT TO OPERATE

**Permit No. F60920
A/N 413877**

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. THE OPERATING TIME OF THIS ENGINE SHALL NOT EXCEED 199 HOURS IN ANY ONE YEAR.
[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)]

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. F69132
A/N 429559**

Equipment Description:

BOILER, CLEAVER BROOKS, FIRE TUBE TYPE, MODEL CEW 700-500, 19.9 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 1146]
4. THE OWNER OR OPERATOR OF THIS EQUIPMENT SHALL CONDUCT SOURCE TESTS UNDER THE FOLLOWING CONDITIONS
 - A. SOURCE TESTING SHALL BE CONDUCTED WITHIN 180 DAYS AFTER INITIAL START-UP.
 - B. THE SOURCE TESTS SHALL BE PERFORMED TO VERIFY COMPLIANCE WITH THE NOX AND CO EMISSION LIMITS SPECIFIED BY THIS PERMIT.
 - C. THE TESTS SHALL BE CONDUCTED WHILE THE BOILER IS OPERATING AT MAXIMUM, MINIMUM, AND AVERAGE FIRING RATES.
 - D. A WRITTEN NOTICE OF THE SOURCE TESTS SHALL BE SUBMITTED TO THE DISTRICT (ADDRESSED TO THE 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.
 - E. TWO COMPLETE COPIES OF THE SOURCE TEST REPORT SHALL BE SUBMITTED TO THE DISTRICT (ADDRESSED TO THE SOUTH COAST AIR QUALITY MANAGEMENT DISTRICT, PO BOX 4941, DIAMOND BAR, CA 91765) WITHIN 45 DAYS AFTER THE TEST THE REPORT SHALL INCLUDE, BUT NOT LIMITED TO, EMISSION RATES IN POUNDS PER HOUR, AND CONCENTRATIONS IN PPMV, AT THE OUTLET OF THE BOILER, MEASURED ON A DRY



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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 (AQMD),
 - II. THE FIRING RATES, IN BTU PER HOUR,
 - III. THE EXHAUST TEMPERATURE, IN DEGREES F,
 - IV. THE OXYGEN CONTENT OF THE EXHAUST GASES, IN PERCENT, AND
 - V. THE FUEL FLOW RATE
- F. THE TESTS SHALL BE CONDUCTED BY 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)
- G. THE SAMPLING FACILITIES SHALL COMPLY WITH THE DISTRICT GUIDELINES FOR CONSTRUCTION OF SAMPLING AND TESTING FACILITIES, PURSUANT TO RULE 217. [RULE 1146]
5. THE OPERATOR OF THIS BOILER SHALL COMPLY WITH ANNUAL SOURCE TESTING REQUIREMENTS IN RULE 1146(D) COMPLIANCE DETERMINATION [RULE 1146]
6. 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]
7. 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:

8. 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)]



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9. 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:

10. THIS EQUIPMENT IS SUBJECT TO THE APPLICABLE REQUIREMENTS OF THE FOLLOWING RULES AND REGULATIONS:
- CO: 2000 PPM, RULE 407
CO: 50 PPMV, RULE 1146
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:



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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).

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

$$\text{SUM OF VOC} = \frac{(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]



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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:

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



**FACILITY PERMIT TO OPERATE
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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:

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



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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. G10916
A/N 515309**

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 50 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:



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- 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 50 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. G18835
A/N 522516**

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 IN 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.



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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.



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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'-1" D X 5'-6" H, 1.17 HP EACH.
52. TWO (2) EMI TANKS, 4'-1" 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'-1" 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 X 3'-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.



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[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" H, 13,170 LITERS CAPACITY, WITH A COOLING GLYCOL/ WATER SOLUTION JACKET AND A 3 HP AGITATOR.
10. PRECIPITATION TANK NO. V-016, 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.



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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, 20,175, 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.



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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 IN GOOD OPERATING CONDITION AT ALL TIMES.
[RULE 204]
3. THE MAXIMUM AMOUNT OF PLASMA PROCESSED IN THIS EQUIPMENT SHALL NOT EXCEED 369,000 LITERS IN 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 IN 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 IN 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 IN 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 IN 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 IN 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 IN 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. G18829
A/N 538398**

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 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, RULE 1470, 40 CFR 60.4214 (b)]
4. THIS ENGINE SHALL NOT OPERATE MORE THAN 200 HOURS IN ANY ONE YEAR, WHICH INCLUDES NO MORE THAN 50 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)]



**FACILITY PERMIT TO OPERATE
BAXTER HEALTHCARE CORP, HYLAND DIVISION**

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 50 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**

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



**FACILITY PERMIT TO OPERATE
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



FACILITY PERMIT TO OPERATE BAXTER HEALTHCARE CORP., HYLAND DIV

SECTION E: ADMINISTRATIVE CONDITIONS

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

1. The permit shall remain effective unless this permit is suspended, revoked, modified, reissued, denied, or it is expired for nonpayment of permit processing or annual operating fees. [201, 203, 209, 301]
 - a. The permit must be renewed annually by paying annual operating fees, and the permit shall expire if annual operating fees are not paid pursuant to requirements of Rule 301(d). [301(d)]
 - b. The Permit to Construct listed in Section H shall expire one year from the Permit to Construct issuance date, unless a Permit to Construct extension has been granted by the Executive Officer or unless the equipment has been constructed and the operator has notified the Executive Officer prior to the operation of the equipment, in which case the Permit to Construct serves as a temporary Permit to Operate. [202, 205]
 - c. The Title V permit shall expire as specified under Section K of the Title V permit. The permit expiration date of the Title V facility permit does not supercede the requirements of Rule 205. [205, 3004]
2. The operator shall maintain all equipment in such a manner that ensures proper operation of the equipment. [204]
3. This permit does not authorize the emissions of air contaminants in excess of those allowed by Division 26 of the Health and Safety Code of the State of California or the Rules and Regulations of the AQMD. This permit cannot be considered as permission to violate existing laws, ordinances, regulations, or statutes of other governmental agencies. [204]
4. The operator shall not use equipment identified in this facility permit as being connected to air pollution control equipment unless they are so vented to the identified air pollution control equipment which is in full use and which has been included in this permit. [204]



FACILITY PERMIT TO OPERATE
BAXTER HEALTHCARE CORP., HYLAND DIV

SECTION E: ADMINISTRATIVE CONDITIONS

5. The operator shall not use any equipment having air pollution control device(s) incorporated within the equipment unless the air pollution control device is in full operation. [204]
6. The operator shall maintain records to demonstrate compliance with rules or permit conditions that limit equipment operating parameters, or the type or quantity of material processed. These records shall be made available to AQMD personnel upon request and be maintained for at least five years. [204]
7. The operator shall maintain and operate all equipment to ensure compliance with all emission limits as specified in this facility permit. Compliance with emission limits shall be determined according to the following specifications, unless otherwise specified by AQMD rules or permit conditions: [204]
 - a. For internal combustion engines and gas turbines, measured concentrations shall be corrected to 15 percent stack-gas oxygen content on a dry basis and be averaged over a period of 15 consecutive minutes; [1110.2, 1134]
 - b. For other combustion devices, measured concentrations shall be corrected to 3 percent stack-gas oxygen content on a dry basis and be averaged over a period of 15 consecutive minutes; [1146, 1146.1, 204]
 - c. For non-combustion sources, compliance with emission limits shall be determined and averaged over a period of 60 minutes; [204]
 - d. For the purpose of determining compliance with Rule 407, carbon monoxide (CO) shall be measured on a dry basis and be averaged over 15 consecutive minutes, and sulfur compounds which would exist as liquid or gas at standard conditions shall be calculated as sulfur dioxide (SO₂) and be averaged over 15 consecutive minutes; [407]
 - e. For the purpose of determining compliance with Rule 409, combustion contaminant emission measurements shall be corrected to 12 percent of carbon dioxide (CO₂) at standard conditions and averaged over a minimum of 15 consecutive minutes. [409]



FACILITY PERMIT TO OPERATE BAXTER HEALTHCARE CORP., HYLAND DIV

SECTION E: ADMINISTRATIVE CONDITIONS

- f. For the purpose of determining compliance with Rule 475, combustion contaminant emission measurements shall be corrected to 3 percent of oxygen (O₂) at standard conditions and averaged over 15 consecutive minutes or any other averaging time specified by the Executive Officer. [475]
8. The operator shall, when a source test is required by AQMD, provide a source test protocol to AQMD no later than 60 days before the proposed test date. The test shall not commence until the protocol is approved by AQMD. The test protocol shall contain the following information: [204, 304]
 - a. Brief description of the equipment tested.
 - b. Brief process description, including maximum and normal operating temperatures, pressures, throughput, etc.
 - c. Operating conditions under which the test will be performed.
 - d. Method of measuring operating parameters, such as fuel rate and process weight. Process schematic diagram showing the ports and sampling locations, including the dimensions of the ducts and stacks at the sampling locations, and distances of flow disturbances, (e.g. elbows, tees, fans, dampers) from the sampling locations (upstream and downstream).
 - e. Brief description of sampling and analytical methods used to measure each pollutant, temperature, flow rates, and moisture.
 - f. Description of calibration and quality assurance procedures.
 - g. Determination that the testing laboratory qualifies as an "independent testing laboratory" under Rule 304 (conflict of interest).
9. The operator shall submit a report no later than 60 days after conducting a source test, unless otherwise required by AQMD rules or equipment-specific conditions. The report shall contain the following information: [204]
 - a. The results of the source test.



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SECTION E: ADMINISTRATIVE CONDITIONS

- b. Brief description of the equipment tested.
 - c. Operating conditions under which the test was performed.
 - d. Method of measuring operating parameters, such as fuel rate and process weight. Process schematic diagram showing the ports and sampling locations, including the dimensions of the ducts and stacks at the sampling locations, and distances of flow disturbances, (e.g. elbows, tees, fans, dampers) from the sampling locations (upstream and downstream).
 - e. Field and laboratory data forms, strip charts and analyses.
 - f. Calculations for volumetric flow rates, emission rates, control efficiency, and overall control efficiency.
10. The operator shall, when a source test is required, provide and maintain facilities for sampling and testing. These facilities shall comply with the requirements of AQMD Source Test Method 1.1 and 1.2. [217]
11. Whenever required to submit a written report, notification or other submittal to the Executive Officer, AQMD, or the District, the operator shall mail or deliver the material to: Deputy Executive Officer, Engineering and Compliance, AQMD, 21865 E. Copley Drive, Diamond Bar, CA 91765-4182. [204]



**FACILITY PERMIT TO OPERATE
BAXTER HEALTHCARE CORP., HYLAND DIV**

SECTION F: RECLAIM MONITORING AND SOURCE TESTING REQUIREMENTS

NOT APPLICABLE



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

NOT APPLICABLE



**FACILITY PERMIT TO OPERATE
BAXTER HEALTHCARE CORP., HYLAND DIV**

SECTION H: PERMIT TO CONSTRUCT AND TEMPORARY PERMIT TO OPERATE

NONE



**FACILITY PERMIT TO OPERATE
BAXTER HEALTHCARE CORP., HYLAND DIV**

SECTION I: PLANS AND SCHEDULES

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

NONE

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



**FACILITY PERMIT TO OPERATE
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SECTION J: AIR TOXICS

NOT APPLICABLE



FACILITY PERMIT TO OPERATE BAXTER HEALTHCARE CORP., HYLAND DIV

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 BAXTER HEALTHCARE CORP., HYLAND DIV

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 BAXTER HEALTHCARE CORP., HYLAND DIV

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)]



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14. The operator shall not build, erect, install, or use any equipment, the use of which, without resulting in a reduction in the total release of air contaminants to atmosphere, reduces or conceals an emission which would otherwise constitute a violation of Chapter 3 (commencing with Section 41700) of Part 4, of Division 26 of the California Health and Safety Code or of AQMD rules. This rule shall not apply to cases in which the only violation involved is of Section 41700 of the California Health and Safety Code, or Rule 402 of AQMD Rules. [408]
15. Nothing in this permit or in any permit shield can alter or affect:
- (A) Under Section 303 of the federal Clean Air Act, the provisions for emergency orders;
 - (B) The liability of the operator for any violation of applicable requirements prior to or at the time of permit issuance;
 - (C) The applicable requirements of the Acid Rain Program, Regulation XXXI;
 - (D) The ability of EPA to obtain information from the operator pursuant to Section 114 of the federal Clean Air Act;
 - (E) The applicability of state or local requirements that are not "applicable requirements", as defined in Rule 3000, at the time of permit issuance but which do apply to the facility, such as toxics requirements unique to the State; and
 - (F) The applicability of regulatory requirements with compliance dates after the permit issuance date. [3004(c)(3)]
16. For any portable equipment that requires an AQMD or state permit or registration, excluding a) portable engines, b) military tactical support equipment and c) AQMD-permitted portable equipment that are not a major source, are not located at the facility for more than 12 consecutive months after commencing operation, and whose operation does not conflict with the terms or conditions of this Title V permit: 1) the facility operator shall keep a copy of the AQMD or state permit or registration; 2) the equipment operator shall comply with the conditions on the permit or registration and all other regulatory requirements; and 3) the facility operator shall treat the permit or registration as a part of its Title V permit, subject to recordkeeping, reporting and certification requirements. [3004(a)(1)]



FACILITY PERMIT TO OPERATE BAXTER HEALTHCARE CORP., HYLAND DIV

SECTION K: TITLE V Administration EMERGENCY PROVISIONS

17. An emergency¹ constitutes an affirmative defense to an action brought for noncompliance with a technology-based emission limit only if:
- (A) Properly signed, contemporaneous operating records or other credible evidence demonstrate that:
 - (1) An emergency occurred and the operator can identify the cause(s) of the emergency;
 - (2) The facility was operated properly (i.e. operated and maintained in accordance with the manufacturer's specifications, and in compliance with all regulatory requirements or a compliance plan), before the emergency occurred;
 - (3) The operator took all reasonable steps to minimize levels of emissions that exceeded emissions standard, or other requirements in the permit; and,
 - (4) The operator submitted a written notice of the emergency to the AQMD within two working days of the time when the emissions limitations were exceeded due to the emergency. The notice shall contain a description of the emergency, any steps taken to mitigate emissions, and corrective actions taken; and
 - (B) The operator complies with the breakdown provisions of Rule 430 – Breakdown Provisions, or subdivision (i) of Rule 2004 – Requirements, whichever is applicable. [3002(g), 430, 2004(i)]
18. The operator is excused from complying with any regulatory requirement that is suspended by the Executive Officer during a state of emergency or state of war emergency, in accordance with Rule 118 - Emergencies. [118]

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



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**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 BAXTER HEALTHCARE CORP., HYLAND DIV

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- (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;



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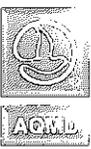
- (B) The compliance status during the reporting period;
- (C) Whether compliance was continuous or intermittent;
- (D) The method(s) used to determine compliance over the reporting period and currently, and
- (E) Any other facts specifically required by the Executive Officer to determine compliance.

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)]



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FACILITY RULES

This facility is subject to the following rules and regulations

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

RULE SOURCE	Adopted/Amended Date	FEDERAL Enforceability
RULE 109	5-2-2003	Federally enforceable
RULE 1103	3-12-1999	Federally enforceable
RULE 1113	11-8-1996	Federally enforceable
RULE 1113	6-3-2011	Non federally enforceable
RULE 1140	8-2-1985	Non 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 1176	9-13-1996	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	6-14-1996	Federally enforceable
RULE 1401	9-10-2010	Non federally enforceable
RULE 1402	3-4-2005	Non federally enforceable
RULE 1415	12-3-2010	Non federally enforceable
RULE 1470	6-1-2007	Non federally enforceable
RULE 1703 - PSD Analysis	10-7-1988	Federally enforceable
RULE 204	10-8-1993	Federally enforceable
RULE 218	5-14-1999	Federally enforceable



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RULE SOURCE	Adopted/Amended Date	FEDERAL Enforceability
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 402	5-7-1976	Non federally enforceable
RULE 404	2-7-1986	Federally enforceable
RULE 405	2-7-1986	Federally enforceable
RULE 407	4-2-1982	Federally enforceable
RULE 408	5-7-1976	Federally enforceable
RULE 409	8-7-1981	Federally enforceable
RULE 429	12-21-1990	Non federally enforceable
RULE 430	7-12-1996	Non federally enforceable
RULE 431.2	5-4-1990	Federally enforceable
RULE 463	11-4-2011	Non federally enforceable
RULE 463	5-6-2005	Federally enforceable
RULE 481	1-11-2002	Federally enforceable
RULE 701	6-13-1997	Federally enforceable
40CFR 60 Subpart Dc	2-27-2006	Federally enforceable
40CFR 60 Subpart III	10-4-1991	Federally enforceable
40CFR 63 Subpart ZZZZ	1-18-2008	Federally enforceable
40CFR 68 - Accidental Release Prevention	5-24-1996	Federally enforceable
40CFR 82 Subpart F	5-14-1993	Federally enforceable



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

NONE



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

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

TABLE OF STANDARDS

VOC LIMITS

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

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



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

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

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

TABLE OF STANDARDS (cont.)

VOC LIMITS

Grams of VOC Per Liter of Material

COATING	Limit
Low-Solids Coating	120



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

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



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

**TABLE OF STANDARDS 1
VOC LIMITS**

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

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



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

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



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

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

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

**TABLE OF STANDARDS 1 (cont.)
 VOC LIMITS**

Grams of VOC Per Liter of Material

COATING	Limit
Low-Solids Coating	120

**TABLE OF STANDARDS 2
 VOC LIMITS FOR COLORANTS**

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

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

4. Effective January 1, 2014.



**FACILITY PERMIT TO OPERATE
BAXTER HEALTHCARE CORP., HYLAND DIV**

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

(I) Solvent Requirements

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

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



**FACILITY PERMIT TO OPERATE
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**APPENDIX B: RULE EMISSION LIMITS
[RULE 1171 11-07-2003]**

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



**FACILITY PERMIT TO OPERATE
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**APPENDIX B: RULE EMISSION LIMITS
[RULE 1171 11-07-2003]**

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



**FACILITY PERMIT TO OPERATE
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**APPENDIX B: RULE EMISSION LIMITS
[RULE 1171 05-01-2009]**

(1) Solvent Requirements

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

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



**FACILITY PERMIT TO OPERATE
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**APPENDIX B: RULE EMISSION LIMITS
[RULE 1171 05-01-2009]**

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



**FACILITY PERMIT TO OPERATE
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**APPENDIX B: RULE EMISSION LIMITS
[RULE 1171 05-01-2009]**

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

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



**FACILITY PERMIT TO OPERATE
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**APPENDIX B: RULE EMISSION LIMITS
[RULE 404 02-07-1986]**

The operator shall not discharge into the atmosphere from this equipment, particulate matter in excess of the concentration at standard conditions, shown in Table 404(a).

Where the volume discharged is between figures listed in the Table, the exact concentration permitted to be discharged shall be determined by linear interpolation.

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

TABLE 404(a)

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



**FACILITY PERMIT TO OPERATE
BAXTER HEALTHCARE CORP., HYLAND DIV**

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

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



**FACILITY PERMIT TO OPERATE
BAXTER HEALTHCARE CORP., HYLAND DIV**

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

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



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

