



South Coast Air Quality Management District

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

December 19, 2012

Mr. Douglas A. Johnson
Plant Manager
Engineered Polymer Solutions Inc. (Facility ID: 074060)
5501 East Slauson Avenue
Los Angeles, CA 90040

Dear Mr. Johnson:

SUBJECT: Title V Facility Permit Revision (Facility ID: 074060)

Please find attached the revised Title Page, Table of Contents, and Section D of your Title V Facility Permit. The revised sections reflect the approval of the Title V Facility Permit amendments requested in your Application No. 542667. The proposed permit revision was submitted to EPA for 45-day review on October 23, 2012. This permit revision includes the modification of the equipment identified in Attachment 1.

Please review the attached sections carefully. Insert the enclosed sections into your Title V Facility Permit and discard the earlier version. Questions concerning changes to your permit should be directed to Mr. Stephen Jiang at (909) 396-3134.

Sincerely,

A handwritten signature in black ink, appearing to read 'Brian L. Yeh', is written over a large, faint, stylized signature graphic.

Brian L. Yeh
Senior Manager
Mechanical, Chemical & Public Services

BLY:AYL:syj
Attachment

cc: Gerardo Rios, EPA Region IX

Attachment 1

Title V Facility Permit Amendment under Application No. 542667

Equipment	Application No.	Permit No.	Permit Type
MMA Storage Tank	542666	G21956	PC/PO



FACILITY PERMIT TO OPERATE

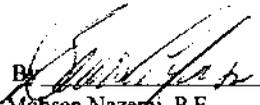
**ENGINEERED POLYMER SOLUTIONS INC
5501 E SLAUSON AVE
LOS ANGELES, CA 90040**

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 ENGINEERED POLYMER SOLUTIONS INC

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F	RECLAIM Monitoring and Source Testing Requirements	0	01/30/2009
G	Recordkeeping and Reporting Requirements for RECLAIM Sources	0	01/30/2009
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Facility Equipment and Requirements (Section D)

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



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PERMITTED EQUIPMENT LIST

THE FOLLOWING IS A LIST OF ALL PERMITS TO CONSTRUCT AND PERMITS TO OPERATE AT THIS FACILITY:

Application number	Permit to Operate number	Equipment description
117186	M36033	STORAGE TANK ORGANICCHEMICALS MISC
117187	M36034	STORAGE TANK ORGANICCHEMICALS MISC
117188	M36035	STORAGE TANK ORGANICCHEMICALS MISC
117189	M36036	STORAGE TANK ORGANICCHEMICALS MISC
117190	M36037	STORAGE TANK ORGANICCHEMICALS MISC
117192	M36039	STORAGE TANK ORGANICCHEMICALS MISC
117193	M36040	STORAGE TANK ORGANICCHEMICALS MISC
117194	M36041	STORAGE TANK ORGANICCHEMICALS MISC
117195	M36042	STORAGE TANK ORGANICCHEMICALS MISC
117197	M36044	STORAGE TANK ORGANICCHEMICALS MISC
117198	M36045	STORAGE TANK ORGANICCHEMICALS MISC
499662	G6692	STORAGE TANK ORGANICCHEMICALS MISC
265915	D67038	BULK LOAD TANK TRUCK MISC ORG CHEM
330595	F8630	STORAGE TANK ORGANIC CHEMICALS MISC
355248	F20949	STORAGE TANK OTHER W/CONTROL MISC ORGANIC CEMICALS
355257	F20948	STORAGE TANK OTHER W/CONTROL MISC ORGANIC CEMICALS
499660	G6690	POLYVINYL ACETATE REACTOR
415789	F98066	WASTE WATER TREATMENT SYSTEM
422701	F66221	BOILER (5-20 MMBTU/HR) NATURAL GAS ONLY
499663	G6693	PLASTIC & RESINS REACTION
521524	G15549	CARBON ADSORBER SYSTEM
499661	G6691	STORAGE TANK OTHER W/CONTROL MISC ORG CHEMS
461111	F96087	STORAGE TANK OTHER W/CONTROL MISC ORG CHEMS
461112	F96076	STORAGE TANK OTHER W/CONTROL MISC ORG CHEMS
499670	G6695	AFTERBURNER DIRECT FLAME, 7.26MMBTU
477624	F95913	PLASTIC & RESINS, REACTION
499658	G6689	PLASTIC & RESINS, REACTION
478950	F96181	MISC MATERIALS BLENDING
484071	F98015	STORAGE TANK OTHER W/CONTROL MISC ORG CHEMS
503614	G12675	STORAGE TANK PLASTICS & RESINS
C07941	M03595	STORAGE TANK PLASTICS & RESINS
C07942	M03601	STORAGE TANK PLASTICS & RESINS
C07943	M03602	STORAGE TANK PLASTICS & RESINS
C07944	M03603	STORAGE TANK PLASTICS & RESINS
C07945	M03612	STORAGE TANK PLASTICS & RESINS
C07946	M03613	STORAGE TANK PLASTICS & RESINS
C07951	M03618	STORAGE TANK PLASTICS & RESINS
542666	G21956	STORAGE TANK OTHER W/CONTROL MISC ORG CHEMS



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



FACILITY PERMIT TO OPERATE ENGINEERED POLYMER SOLUTIONS INC.

FACILITY WIDE CONDITION(S)

Condition(s):

1. EXCEPT FOR OPEN ABRASIVE BLASTING OPERATIONS, THE OPERATOR SHALL NOT DISCHARGE INTO THE ATMOSPHERE FROM ANY SINGLE SOURCE OF EMISSIONS WHATSOEVER ANY AIR CONTAMINANT FOR A PERIOD OR PERIODS AGGREGATING MORE THAN THREE MINUTES IN ANY ONE HOUR WHICH IS:
 - A AS DARK OR DARKER IN SHADE AS THAT DESIGNATED NO. 1 ON THE RINGELMANN CHART, AS PUBLISHED BY THE UNITED STATES BUREAU OF MINES; OR
 - B OF SUCH OPACITY AS TO OBSCURE AN OBSERVER'S VIEW TO A DEGREE EQUAL TO OR GREATER THAN DOES SMOKE DESCRIBED IN SUBPARAGRAPH (A) OF THIS CONDITION.
[RULE 401]
2. THE TOTAL QUANTITY OF HAZARDOUS AIR POLLUTANT (HAP) EMISSIONS FROM THIS FACILITY SHALL NOT EXCEED 10 TONS PER 12-MONTH PERIOD OF A SINGLE HAP AND NOT MORE THAN 25 TONS PER 12-MONTH PERIOD OF ALL HAP COMBINED.
[40 CFR 63 SUBPART FFFF]
3. RECORDS SHALL BE MAINTAINED MONTHLY TO DEMONSTRATE COMPLIANCE WITH CONDITION 2, HAP EMISSIONS SHALL BE CALCULATED FOR THE PRECEDING 12-MONTH PERIOD BY THE 15TH DAY OF THE FOLLOWING MONTH. EMISSIONS SHALL BE CALCULATED USING "PREFERRED AND ALTERNATIVE METHODS FOR ESTIMATING AIR EMISSIONS FROM PAINT AND INK MANUFACTURING FACILITIES, U.S. ENVIRONMENTAL AGENCY, EMISSION INVENTORY IMPROVEMENT PROGRAM, VOLUME II; CHAPTER 8, MARCH 1998" OR A MORE RECENT VERSION AND A PROTOCOL APPROVED BY THE DISTRICT.
[40 CFR 63 SUBPART FFFF]
4. TO ENSURE COMPLIANCE WITH CONDITION NO. 2, THE OPERATOR SHALL KEEP ADEQUATE RECORDS FOR THIS EQUIPMENT TO VERIFY THE FOLLOWING ON A DAILY BASIS
 - A. NAME AND AMOUNT IN GALLONS FOR EACH BATCH PRODUCTION,
 - B. A DATABASE CONTAINING EACH PRODUCT NAME AND CONCENTRATION IN WEIGHT PERCENTAGE FOR EACH HAP IN EACH BATCH,
 - C. DENSITY OF EACH PRODUCT IN POUND PER GALLON,
 - D. PERMIT NUMBER, EFFICIENCY, CONTROL TEMPERATURE OF THE CONTROL DEVICE USED,
 - E. NAME(S) AND QUANTITY IN GALLONS OF CLEANING MATERIALS USED THAT CONTAIN HAP
[40 CFR 63 SUBPART FFFF]



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5. MAINTAIN A SINGLE LIST WHICH INCLUDES THE COMPANY NAME PHONE NUMBER AND ADDRESS FROM WHOM THE FACILITY ACQUIRED HAP-CONTAINING MATERIAL.
[40 CFR 63 SUBPART FFFF]
6. RETAIN ALL PURCHASE INVOICES FOR ALL HAP-CONTAINING MATERIAL USED OR STORED AT THE FACILITY, AND ALL WASTE MANIFESTS FOR ALL WASTE HAP-CONTAINING MATERIAL REMOVED FROM THE FACILITY.
[40 CFR 63 SUBPART FFFF]
7. MATERIAL SAFETY DATA SHEETS FOR ALL MATERIALS PRODUCED AND USED AT THIS FACILITY SHALL BE KEPT CURRENT AND MADE AVAILABLE TO DISTRICT PERSONNEL UPON REQUEST.
[RULE 1303(b)(2) – OFFSET]
8. ALL RECORDS REQUIRED BY THIS PERMIT AND SUPPORTING DOCUMENTATION FOR CONDITIONS NO.5 AND NO.6 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.
[40 CFR 63 SUBPART FFFF]
9. 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 ENGINEERED POLYMER SOLUTIONS INC.

PERMIT TO OPERATE

Permit No. M36033
A/N 117186

Equipment Description:

STORAGE TANK TF-1, 11'-0" DIA. X 14'-0" H., 9,953 GALLON CAPACITY, WITH AN AGITATOR, AND INTERNAL STEAM HEATING COILS.

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 USED TO STORE A PETROLEUM DISTILLATE HAVING A REID VAPOR PRESSURE OF 3.9 POUNDS OR GREATER.
[RULE 1303(b)(2)-OFFSET]

Periodic Monitoring:

4. THE OPERATOR SHALL KEEP RECORDS, IN A MANNER APPROVED BY THE DISTRICT, FOR THE FOLLOWING PARAMETER(S) OR ITEM(S):
 - A. THE NAME OF PETROLEUM DISTILLATE
 - B. THE REID VAPOR PRESSURE OF EACH DISTILLATE.[RULE 3004 (a)(4)]



FACILITY PERMIT TO OPERATE ENGINEERED POLYMER SOLUTIONS INC.

PERMIT TO OPERATE

Permit No. M36034
A/N 117187

Equipment Description:

STORAGE TANK TF-2, 11'-0" DIA. x 14'-0" H., 9,953 GALLON CAPACITY. WITH AN AGITATOR, AND INTERNAL STEAM HEATING COILS.

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 USED TO STORE A PETROLEUM DISTILLATE HAVING A REID VAPOR PRESSURE OF 3.9 POUNDS OR GREATER.
[RULE 1303(b)(2)-OFFSET]

Periodic Monitoring:

4. THE OPERATOR SHALL KEEP RECORDS, IN A MANNER APPROVED BY THE DISTRICT, FOR THE FOLLOWING PARAMETER(S) OR ITEM(S):
 - A. THE NAME OF PETROLEUM DISTILLATE
 - B. THE REID VAPOR PRESSURE OF EACH DISTILLATE.[RULE 3004 (a)(4)]



FACILITY PERMIT TO OPERATE ENGINEERED POLYMER SOLUTIONS INC.

PERMIT TO OPERATE

Permit No. M36035
A/N 117188

Equipment Description:

STORAGE TANK TF - 3, 13' - 0" DIA. X 24' - 6" H., 24,328 GALLON CAPACITY, WITH INTERNAL STEAM HEATING COILS.

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 USED TO STORE A PETROLEUM DISTILLATE HAVING A REID VAPOR PRESSURE OF 3.9 POUNDS OR GREATER.
[RULE 1303(b)(2)-OFFSET]

Periodic Monitoring:

4. THE OPERATOR SHALL KEEP RECORDS, IN A MANNER APPROVED BY THE DISTRICT, FOR THE FOLLOWING PARAMETER(S) OR ITEM(S):
 - A. THE NAME OF PETROLEUM DISTILLATE
 - B. THE REID VAPOR PRESSURE OF EACH DISTILLATE.[RULE 3004 (a)(4)]



FACILITY PERMIT TO OPERATE ENGINEERED POLYMER SOLUTIONS INC.

PERMIT TO OPERATE

Permit No. M36036
A/N 117189

Equipment Description:

STORAGE TANK TF - 5, 11'-0" DIA. X 14'-0" H., 9,953 GALLON CAPACITY, WITH AN AGITATOR, AND INTERNAL STEAM HEATING COILS.

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 USED TO STORE A PETROLEUM DISTILLATE HAVING A REID VAPOR PRESSURE OF 3.9 POUNDS OR GREATER.
[RULE 1303(b)(2)-OFFSET]

Periodic Monitoring:

4. THE OPERATOR SHALL KEEP RECORDS, IN A MANNER APPROVED BY THE DISTRICT, FOR THE FOLLOWING PARAMETER(S) OR ITEM(S):
 - A. THE NAME OF PETROLEUM DISTILLATE
 - B. THE REID VAPOR PRESSURE OF EACH DISTILLATE.[RULE 3004 (a)(4)]



**FACILITY PERMIT TO OPERATE
ENGINEERED POLYMER SOLUTIONS INC.**

PERMIT TO OPERATE

Permit No. M36037
A/N 117190

Equipment Description:

STORAGE TANK TF - 6, 11'-0" DIA. X 14'-0" H., 9,953 GALLON CAPACITY, WITH AN AGITATOR, AND INTERNAL STEAM HEATING COILS.

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 USED TO STORE A PETROLEUM DISTILLATE HAVING A REID VAPOR PRESSURE OF 3.9 POUNDS OR GREATER.
[RULE 1303(b)(2)-OFFSET]

Periodic Monitoring:

- 4 THE OPERATOR SHALL KEEP RECORDS, IN A MANNER APPROVED BY THE DISTRICT, FOR THE FOLLOWING PARAMETER(S) OR ITEM(S):
 - A. THE NAME OF PETROLEUM DISTILLATE
 - B. THE REID VAPOR PRESSURE OF EACH DISTILLATE.[RULE 3004 (a)(4)]



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PERMIT TO OPERATE

Permit No. M36039
A/N 117192

Equipment Description:

STORAGE TANK TF - 14, 10'-0" DIA. X 16'-6" H., 9,695 GALLON CAPACITY, WITH AN AGITATOR, AND INTERNAL STEAM HEATING COILS.

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 USED TO STORE A PETROLEUM DISTILLATE HAVING A REID VAPOR PRESSURE OF 3.9 POUNDS OR GREATER.
[RULE 1303(b)(2)-OFFSET]

Periodic Monitoring:

4. THE OPERATOR SHALL KEEP RECORDS, IN A MANNER APPROVED BY THE DISTRICT, FOR THE FOLLOWING PARAMETER(S) OR ITEM(S):
 - A. THE NAME OF PETROLEUM DISTILLATE
 - B. THE REID VAPOR PRESSURE OF EACH DISTILLATE.[RULE 3004 (a)(4)]



**FACILITY PERMIT TO OPERATE
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PERMIT TO OPERATE

**Permit No. M36040
A/N 117193**

Equipment Description:

STORAGE TANK TF - 15, 11'-0" DIA. X 16'-6" H., 11,731 GALLON CAPACITY, WITH AN AGITATOR, AND INTERNAL STEAM HEATING COILS.

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 USED TO STORE A PETROLEUM DISTILLATE HAVING A REID VAPOR PRESSURE OF 3.9 POUNDS OR GREATER.
[RULE 1303(b)(2)-OFFSET]

Periodic Monitoring:

4. THE OPERATOR SHALL KEEP RECORDS, IN A MANNER APPROVED BY THE DISTRICT, FOR THE FOLLOWING PARAMETER(S) OR ITEM(S):
 - A. RECORD THE NAME OF PETROLEUM DISTILLATE
 - B. RECORD THE REID VAPOR PRESSURE OF EACH DISTILLATE.[RULE 3004 (a)(4)]



FACILITY PERMIT TO OPERATE ENGINEERED POLYMER SOLUTIONS INC.

PERMIT TO OPERATE

Permit No. M36041
A/N 117194

Equipment Description:

STORAGE TANK TF - 17, 11'-0" DIA. X 18'-6" H., 13,152 GALLON CAPACITY, WITH INTERNAL STEAM HEATING COILS.

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 USED TO STORE A PETROLEUM DISTILLATE HAVING A REID VAPOR PRESSURE OF 3.9 POUNDS OR GREATER.
[RULE 1303(b)(2)-OFFSET]

Periodic Monitoring:

4. THE OPERATOR SHALL KEEP RECORDS, IN A MANNER APPROVED BY THE DISTRICT, FOR THE FOLLOWING PARAMETER(S) OR ITEM(S):
 - A. THE NAME OF PETROLEUM DISTILLATE
 - B. THE REID VAPOR PRESSURE OF EACH DISTILLATE.[RULE 3004 (a)(4)]



**FACILITY PERMIT TO OPERATE
ENGINEERED POLYMER SOLUTIONS INC.**

PERMIT TO OPERATE

**Permit No. M36042
A/N 117195**

Equipment Description:

STORAGE TANK TFX - 1, 7'-0" DIA. X 10'-4" H., 2,975 GALLON CAPACITY, WITH AN AGITATOR, AND INTERNAL STEAM HEATING COILS.

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 USED TO STORE A PETROLEUM DISTILLATE HAVING A REID VAPOR PRESSURE OF 3.9 POUNDS OR GREATER.
[RULE 1303(b)(2)-OFFSET]

Periodic Monitoring:

4. THE OPERATOR SHALL KEEP RECORDS, IN A MANNER APPROVED BY THE DISTRICT, FOR THE FOLLOWING PARAMETER(S) OR ITEM(S):
 - A. THE NAME OF PETROLEUM DISTILLATE
 - B. THE REID VAPOR PRESSURE OF EACH DISTILLATE.[RULE 3004 (a)(4)]



FACILITY PERMIT TO OPERATE ENGINEERED POLYMER SOLUTIONS INC.

PERMIT TO OPERATE

Permit No. M36044
A/N 117197

Equipment Description:

STORAGE TANK TFX - 3, 8'-0" DIA. X 14'-0" H., 5,265 GALLON CAPACITY, WITH AN AGITATOR, AND INTERNAL STEAM HEATING COILS.

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 USED TO STORE A PETROLEUM DISTILLATE HAVING A REID VAPOR PRESSURE OF 3.9 POUNDS OR GREATER.
[RULE 1303(b)(2)-OFFSET]

Periodic Monitoring:

4. THE OPERATOR SHALL KEEP RECORDS, IN A MANNER APPROVED BY THE DISTRICT, FOR THE FOLLOWING PARAMETER(S) OR ITEM(S):
 - A. THE NAME OF PETROLEUM DISTILLATE
 - B. THE REID VAPOR PRESSURE OF EACH DISTILLATE.[RULE 3004 (a)(4)]



FACILITY PERMIT TO OPERATE ENGINEERED POLYMER SOLUTIONS INC.

PERMIT TO OPERATE

Permit No. M36045
A/N 117198

Equipment Description:

STORAGE TANK TFX - 4, 8'-0" DIA. X 14'-0" H., 5,265 GALLON CAPACITY, WITH AN AGITATOR, AND INTERNAL STEAM HEATING COILS.

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 USED TO STORE A PETROLEUM DISTILLATE HAVING A REID VAPOR PRESSURE OF 3.9 POUNDS OR GREATER.
[RULE 1303(b)(2)-OFFSET]

Periodic Monitoring:

4. THE OPERATOR SHALL KEEP RECORDS, IN A MANNER APPROVED BY THE DISTRICT, FOR THE FOLLOWING PARAMETER(S) OR ITEM(S):
 - A. THE NAME OF PETROLEUM DISTILLATE
 - B. THE REID VAPOR PRESSURE OF EACH DISTILLATE.[RULE 3004 (a)(4)]



FACILITY PERMIT TO OPERATE ENGINEERED POLYMER SOLUTIONS INC.

PERMIT TO OPERATE

Permit No. G6692
A/N 499662

Equipment Description:

STORAGE TANK NO. TFX2, 5,000 GAL. CAPACITY, 7'-11" DIA..X 14'-0" L., WITH AN AGITATOR AND INTERNAL STEAM HEATING COILS.

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 (TANK NO. TFX2) CAN ONLY STORE COPOLYMER RESIN, SOLVENT CONCENTRATION WILL NOT EXCEED 40 PERCENT.
[RULE1303(b)(2) – OFFSET]
4. THE MAXIMUM-AMOUNT OF COPOLYMER RESIN FILLED INTO THIS EQUIPMENT MUST NOT EXCEED 5,000 GALLONS PER DAY.
RULE 1303(b)(2) – OFFSET]
5. THROUGHPUT RECORDS, TYPES OF LIQUIDS STORED AND THE TRUE VAPOR PRESSURE OF SUCH LIQUIDS SHALL BE MAINTAINED IN A FORMAT ACCEPTABLE BY THE DISTRICT DIRECTOR OF ENFORCEMENT, KEPT ON FILE FOR A MINIMUM OF FIVE YEARS, AND MADE AVAILABLE UPON REQUEST OF DISTRICT PERSONNEL.
[RULE 1303(b)(2)-OFFSET]
6. A TEMPERATURE GAUGE SHALL BE INSTALLED TO MONITOR THE TEMPERATURE OF MATERIALS STORED IN THIS TANK.
[RULE1303(b)(2) – OFFSET]
7. THE TEMPERATURE OF THE MATERIAL IN THIS EQUIPMNET SHALL NOT EXCEED 200 DEGREES F.
[RULE1303(b)(2) – OFFSET]

Periodic Monitoring:

8. THE OPERATOR SHALL KEEP RECORDS, IN A MANNER APPROVED BY THE DISTRICT, FOR THE DAILY TEMPERATURE OF THE MATERIAL STORED IN THE TANK.
[RULE 3004 (a)(4)]



**FACILITY PERMIT TO OPERATE
ENGINEERED POLYMER SOLUTIONS INC.**

PERMIT TO OPERATE

**Permit No. D 67038
A/N 265915**

Equipment Description:

RESIN TANK TRUCK LOADING STATION CONSISTING OF:

1. TWO (2) FILLING PLATFORMS
2. VAPOR BALANCE SYSTEM, PIPE, NATURAL DRAFT, VENTING TWO (2) TANK TRUCK LOADING STATIONS.

Conditions:

1. OPERATION OF THIS EQUIPMENT SHALL BE CONDUCTED IN ACCORDANCE WITH ALL DATA AND SPECIFICATIONS SUBMITTED WITH THE APPLICATION UNDER WHICH THIS PERMIT IS ISSUED UNLESS OTHERWISE NOTED BELOW.
[RULE 204]
2. THIS EQUIPMENT SHALL BE PROPERLY MAINTAINED AND KEPT IN GOOD OPERATING CONDITION AT ALL TIMES.
[RULE 204]
3. THIS EQUIPMENT SHALL NOT BE OPERATED UNLESS THE TANK TRUCK'S DISPLACED VAPORS ARE VENTED THROUGH A MANIFOLD TO THE TANK FROM WHICH IT IS BEING FILLED, VIA A GAS-TIGHT VAPOR RETURN LINE.
[RULE 1303(a)(1)-BACT]



FACILITY PERMIT TO OPERATE ENGINEERED POLYMER SOLUTIONS INC.

PERMIT TO OPERATE

Permit No. F8630
A/N 330595

Equipment Description:

STORAGE TANK NO.7, 12'-0" DIA. X 23'-5" H., 15,000 GALLON CAPACITY.

Conditions:

1. OPERATION OF THIS EQUIPMENT SHALL BE CONDUCTED IN ACCORDANCE WITH ALL DATA AND SPECIFICATIONS SUBMITTED WITH THE APPLICATION UNDER WHICH THIS PERMIT IS ISSUED UNLESS OTHERWISE NOTED BELOW.
[RULE 204]
2. THIS EQUIPMENT SHALL BE PROPERLY MAINTAINED AND KEPT IN GOOD OPERATING CONDITION AT ALL TIMES.
[RULE 204]
3. THIS TANK SHALL ONLY BE USED TO STORE ORGANIC LIQUIDS HAVING A VAPOR PRESSURE OF NOT GREATER THAN 3.0 PSI @70 DEGREES FAHRENHEIT.
[RULE 1303(b)(2) - OFFSET]
4. THIS TANK SHALL NOT BE OPERATED UNLESS DURING FILLING AND THERMAL BREATHING IT IS VENTED ONLY TO AIR POLLUTION CONTROL EQUIPMENT WHICH IS IN FULL USE AND WHICH HAS BEEN ISSUED AN OPERATING PERMIT BY THE EXECUTIVE OFFICER.
[RULE 1303(a)(1) - BACT]

Periodic Monitoring:

5. THE OPERATOR SHALL KEEP RECORDS, IN A MANNER APPROVED BY THE DISTRICT, FOR THE FOLLOWING PARAMETER(S) OR ITEM(S):
 - A. THE NAME OF ORGANIC LIQUID
 - B. THE VAPOR PRESSURE OF EACH ORGANIC LIQUID.[RULE 3004 (a)(4)]

Emissions and Requirements:

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

VOC: RULE 1141



**FACILITY PERMIT TO OPERATE
ENGINEERED POLYMER SOLUTIONS INC.**

PERMIT TO CONSTRUCT/OPERATE

**Permit No. F20949
A/N 355248**

Equipment Description:

STORAGE TANK ST-3, METHYL METHACRYLATE, 9'-0" DIA. X 18'-6" H., 8,000 GALLONS CAPACITY

Conditions:

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

Emissions And Requirements:

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

VOC: RULE 1141



FACILITY PERMIT TO OPERATE ENGINEERED POLYMER SOLUTIONS INC.

PERMIT TO OPERATE

Permit No. F20948
A/N 355257

Equipment Description:

STORAGE TANK ST-8, STYRENE OR METHYL METHACRYLATE, 9'-0" DIA. X 1 8'-6" H., 8,000 GALLON CAPACITY, WITH A CHILLER TO COOL STYRENE

Conditions:

1. OPERATION OF THIS EQUIPMENT SHALL BE CONDUCTED IN ACCORDANCE WITH ALL DATA AND SPECIFICATIONS SUBMI 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 OPERATED UNLESS IT IS VENTED ONLY TO AIR POLLUTION CONTROL EQUIPMENT WHICH IS IN FULL USE AND WHICH HAS BEEN ISSUED A PERMIT BY THE EXECUTIVE OFFICER.
[RULE 1303(a)(1) – BACT]
4. THIS TANK SHALL ONLY BE FILLED BY THE USE OF A SUBMERGED FILL TUBE.
[RULE 1303(a)(1) – BACT]

Periodic Monitoring:

5. THE OPERATOR SHALL KEEP RECORDS, IN A MANNER APPROVED BY THE DISTRICT, FOR THE NAME(S) OF ORGANIC LIQUID(S).
[RULE 3004 (a)(4)]

Emissions and Requirements:

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

VOC: RULE 1141



FACILITY PERMIT TO OPERATE ENGINEERED POLYMER SOLUTIONS INC.

PERMIT TO OPERATE

Permit No. G6690
A/N 499660

Equipment Description:

LATEX EMULSION POLYMERIZATION SYSTEM K-5 CONSISTING OF:

1. CHARGE TANK, T-505, 3'-6" DIA. X 4'-2" H., 300 GALLON CAPACITY, WITH AN AGITATOR.
2. WEIGH TANK, T-504, 5'-6" DIA. X 6'-0" H., 1,100 GALLON CAPACITY, WITH AN AGITATOR.
3. WEIGH TANK, T-501, 7'-0" DIA. X 9'-0" H., 2,500 GALLON CAPACITY, WITH AN AGITATOR.
4. WEIGH TANK, T-502, OXIDIZING CATALYST, 2'-0" DIA. X 3'-0" H., 250 GALLON CAPACITY. WITH AN AGITATOR.
5. WEIGH TANK, T-503, REDUCING CATALYST, 2'-0" DIA. X 3'-0" H., 250 GALLON CAPACITY, WITH AN AGITATOR.
6. REACTOR, K-5, 8'-0" DIA. X 10'-6" H., 3,000 GALLON CAPACITY, WITH INTERNAL WATER COOLING/HEATING COILS AND AN AGITATOR.
7. REFLUX CONDENSER, 1'-5" DIA. X 20'-0" L.,
8. NEUTRALIZATION TANK, T-514, 9'-0" DIA. X 13'-8" H., 5,500 GALLON CAPACITY, WITH AN AGITATOR.
9. COOL TANK, T-506, 8' - 0" DIA. X 8' - 0" H., 3,000 GALLON CAPACITY.

Conditions:

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



**FACILITY PERMIT TO OPERATE
ENGINEERED POLYMER SOLUTIONS INC.**

Emissions and Requirements:

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

VOC: RULE 1141



FACILITY PERMIT TO OPERATE ENGINEERED POLYMER SOLUTIONS INC.

PERMIT TO OPERATE

Permit No. F98066
A/N 415789

Equipment Description:

WASTE WATER, 10 GPM, TREATMENT SYSTEM CONSISTING OF:

1. HOLDING TANK, T-20, 15,000 GALLON CAPACITY,
2. NEUTRALIZATION TANK, T-27, 3,000 GALLON CAPACITY, WITH AN AGITATOR.
3. FILTER,
4. HEAT EXCHANGER,
5. STRIPPING TOWER, WASTE WATER, 1'-0" DIA. X 23'-0" H., WITH 1" HIGH CAPACITY RANDOM PACKING OR EQUIVALENT WITH STEAM INJECTION,
6. CONDENSER,
7. TWO VAPOR LINES,
8. CATCH TANK, T-25, STAINLESS, 10 GALLON CAPACITY,
9. TWO WASTE WATER HOLDING TANKS, T-23, 9'-6" DIA. X 17'-0" H., 8,000 GALLON CAPACITY, AND T-24, 9'-0" DIA. X 16'-0" H., 8,500 GALLON CAPACITY,
10. VAPOR COLLECTION TANK, T-17, 3,500 GALLON CAPACITY, COMMON TO REACTORS, THIN DOWN TANKS AND SOLVENT TANKS,
11. SIX PUMPS.

Conditions:

1. OPERATION OF THIS EQUIPMENT SHALL BE CONDUCTED IN ACCORDANCE WITH ALL DATA AND SPECIFICATIONS SUBMITTED WITH THE APPLICATION UNDER WHICH THIS PERMIT WAS ISSUED, UNLESS OTHERWISE NOTED BELOW.
[RULE 204]
2. THIS EQUIPMENT SHALL BE PROPERLY MAINTAINED AND KEPT IN GOOD OPERATING CONDITION AT ALL TIMES.
[RULE 204]
3. THIS EQUIPMENT SHALL NOT BE OPERATED UNLESS THE GASEOUS EFFLUENT FROM THE STEAM STRIPPING TOWER IS VENTED ONLY TO THE AFTERBURNER WHICH IS IN FULL USE AND WHICH HAS BEEN ISSUED A PERMIT BY THE DISTRICT.
[RULE 1303(a)(1) - BACT]



FACILITY PERMIT TO OPERATE ENGINEERED POLYMER SOLUTIONS INC.

4. WASTE WATER TO BE TREATED WITH THIS EQUIPMENT SHALL NOT CONTAIN ANY OF THE COMPOUNDS IDENTIFIED AS TOXIC AIR CONTAMINANTS IN RULE 1401 AS AMENDED MARCH 4, 2005, OTHER THAN 1,4 - DIOXANE (CAS NO. 123-91-1), XYLENE (CAS NOS. 108-38-3, 95-47-6), BENZENE (CAS NO. 71-43-2), TOLUENE (CAS. NO. 108-88-3), ETHYL BENZENE (CAS NO. 100-41-4), PHENOL (CAS NO. 108-95-2), METHYL ETHYL KETONE (CAS NO. 78-93-3) AND NAPHTHALENE (CAS NO. 91-20-3).
[RULE 1401]

Periodic Monitoring

5. THE OPERATOR SHALL KEEP DAILY RECORDS OF THE TEMPERATURE OF THE STEAM INSIDE THE STRIPPING TOWER.
[RULE 3004 (a)(4)]



**FACILITY PERMIT TO OPERATE
ENGINEERED POLYMER SOLUTIONS INC.**

PERMIT TO CONTRSUCT/OPERATE

**Permit No. F66221
A/N 422701**

Equipment Description:

BOILER, PARKER BOILER, WATER TUBE TYPE, MODEL NO 105-150L, SERIAL NO 30356, 6.3 MM BTU/HR, NATURAL GAS FIRED, EQUIPPED WITH A PARKER LOW NOX PREMIX METAL FIBER BURNER ASSEMBLY PB-36LN, AND A VARIABLE SPEED FAN ASSEMBLY

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 BOILER SHALL COMPLY WITH THE REQUIREMENTS OF RULE 1146.
[RULE 1146]
4. THIS BOILER SHALL NOT EMIT MORE THAN 12 PPM OF OXIDES OF NITROGEN (NOX), CALCULATED AS NO₂, AND NOT MORE THAN 100 PPM OF CARBON MONOXIDE (CO), ALL MEASURED BY VOLUME ON A DRY BASIS AT 3% O₂.
[RULE 1303(a)(1)-BACT]
5. THE OWNER OR OPERATOR OF THIS EQUIPMENT SHALL CONDUCT SOURCE TESTING ACCORDING TO THE CONDITIONS IN THIS PERMIT.
[RULE 1146]
6. SAMPLING FACILITIES SHALL COMPLY WITH THE DISTRICT GUIDELINES FOR CONSTRUCTION OF SAMPLING AND TESTING FACILITIES, PURSUANT TO RULE 217.
[RULE 1146]

Periodic Monitoring

7. THE OPERATOR SHALL DETERMINE COMPLIANCE WITH THE CO EMISSION LIMIT(S) BY CONDUCTING A TEST AT LEAST ONCE EVERY YEAR 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 CO CONCENTRATION LIMIT(S). THE OPERATOR SHALL COMPLY WITH ALL GENERAL TESTING, REPORTING, AND RECORDKEEPING REQUIREMENTS IN SECTIONS E AND K OF THIS PERMIT.
[RULE 3004 (a)(4)]



FACILITY PERMIT TO OPERATE ENGINEERED POLYMER SOLUTIONS INC.

8. THE OPERATOR SHALL DETERMINE COMPLIANCE WITH THE NOX EMISSION LIMIT(S) BY CONDUCTING A TEST AT LEAST ONCE EVERY YEAR 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 NOX CONCENTRATION LIMIT(S). 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:

9. THIS EQUIPMENT IS SUBJECT TO THE APPLICABLE REQUIREMENTS OF THE FOLLOWING RULES AND REGULATIONS:
- PM: 0.1 GR/SCF, RULE 409
 - NOx: 20 PPMV, RULE 1146
 - CO: 400 PPMV, RULE 1146
 - CO: 2000 PPMV, RULE 407
 - CO: 100 PPMV, RULE 1303(a)(1)-BACT
 - NOx: 12 PPMV, RULE 1303(a)(1)-BACT



FACILITY PERMIT TO OPERATE ENGINEERED POLYMER SOLUTIONS INC.

PERMIT TO OPERATE

Permit No. G6693
A/N 499663

Equipment Description:

ALKYD-VINYL COPOLYMERIZATION SYSTEM CONSISTING OF:

1. TANK 406, COPOLYMER MONOMER FEED TANK, 7'-0" DIA. X 11'-8" H., 2500 GALLON CAPACITY,
2. TANK 407, COPOLYMER CATALYST FEED TANK, 3'-5" DIA. X 8'-4" H., 500 GALLON CAPACITY.
3. THIN DOWN TANK, T-401, 8'-0" DIA. X 12'-3" H., 3,500 GALLON CAPACITY WITH AN AGITATOR AND A CONDENSER, SHELL-AND TUBE TYPE, 1'-1" DIA. X 11'-6" L., COMMON TO KETTLE #2.
4. THIN DOWN TANK, T-402, 9'-0" DIA. X 15'-0" H., 6,551 GALLON CAPACITY WITH AN AGITATOR AND A CONDENSER, SHELL-AND TUBE TYPE, 1'-3" DIA. X 7'-0" L., COMMON TO KETTLE #2.
5. THIN DOWN TANK, T-403, 10'-0" DIA. X 18'-0" H., 10,000 GALLON CAPACITY WITH AN AGITATOR AND A CONDENSER, SHELL-AND TUBE TYPE, 1'-6" DIA. X 17'-6" L., COMMON TO KETTLE #3.

Conditions:

1. OPERATION OF THIS EQUIPMENT SHALL BE CONDUCTED IN ACCORDANCE WITH ALL DATA AND SPECIFICATIONS SUBMITTED WITH THE APPLICATION UNDER WHICH THIS PERMIT WAS ISSUED, UNLESS OTHERWISE NOTED BELOW.
[RULE 204]
2. THIS EQUIPMENT SHALL BE PROPERLY MAINTAINED AND KEPT IN GOOD OPERATING CONDITION AT ALL TIMES.
[RULE 204]
3. THIS EQUIPMENT SHALL NOT BE USED FOR STORING ORGANIC LIQUIDS HAVING A VAPOR PRESSURE OF GREATER THAN 0.561 PSI AT 70 DEGREE FAHRENHEIT.
[RULE 1303(b)(2) - OFFSET]
4. MATERIALS USED IN THIS EQUIPMENT SHALL NOT CONTAIN ANY OF THE COMPOUNDS IDENTIFIED AS TOXIC AIR CONTAMINANTS IN RULE 1401 AS AMENDED JUNE 5, 2009, OTHER THAN:

A. XYLENES	CAS NO. 1330-20-7
B. STYRENE	CAS NO. 100-42-5
C. ETHYLBENZENE	CAS NO. 100-41-4
D. ETHYLENE GLYCOL	CAS NO. 107-21-1
E. FORMALDEHYDE	CAS NO. 50-0-0
F. METHYL METHACRYLATE	CAS NO. 80-62-6

[RULE 1401]



**FACILITY PERMIT TO OPERATE
ENGINEERED POLYMER SOLUTIONS INC.**

5. THE QUANTITY OF MATERIAL PROCESSED IN TANK T-406 SHALL NOT EXCEED 18,000 GALLONS IN ANY ONE CALENDAR MONTH.
[RULE 1303(b)(2) – OFFSET]
6. THE QUANTITY OF MATERIAL PROCESSED IN TANK T-407 SHALL NOT EXCEED 1,500 GALLONS IN ANY ONE CALENDAR MONTH.
[RULE 1303(b)(2) – OFFSET]
7. THIS EQUIPMENT SHALL NOT BE OPERATED UNLESS IT IS VENTED ONLY TO AIR POLLUTION CONTROL EQUIPMENT WHICH IS IN FULL USE AND WHICH HAS BEEN ISSUED A PERMIT BY THE EXECUTIVE OFFICER.
[RULE 1303 (a)(1) – BACT]

Emissions and Requirements:

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

VOC: RULE 1141



FACILITY PERMIT TO OPERATE ENGINEERED POLYMER SOLUTIONS INC.

PERMIT TO CONSTRUCT/OPERATE

Permit No. F99146
A/N 434661

Equipment Description:

AIR POLLUTION CONTROL SYSTEM CONSISTING OF:

1. CARBON ADSORBER, BAKER CORP., MODEL NO. KLEEN.AIR-3000HPV, WITH TWO 5'-0" DIA. X 8'-0" H. CARBON CANNISTERS ARRANGED IN SERIES, EACH WITH 3000 POUNDS OF CARBON
2. TWO 2 H.P. BLOWERS, VENTING THE FOLLOWING MULTIPLE SOURCES: TWO ALKYD RESIN REACTORS, K2 AND K3, EACH WITH ONE CONDENSER, ONE SURGE TANK, AND ONE DECANTER TANK; FOUR RESIN THIN DOWN TANKS, T-401, T-402, T-403 AND T-404, EACH WITH ONE CONDENSER; ONE LATEX REACTOR, K5, WITH ONE CONDENSER; ONE POLYVINYL ACETATE POLYMERIZATION REACTOR, K6, WITH ONE CONDENSER; ONE WASTE WATER TREATMENT SYSTEM; THIRTEEN TANKS: ST-3 (T-803) OR TBD2, ST-8 (T-808) OR TBD4, T-406; T-407, T-501, T-504, T-601, T-802, T-804, T-807, T-810 OR TBD1, T-811, AND T-812.

Conditions:

1. OPERATION OF THIS EQUIPMENT SHALL BE CONDUCTED IN ACCORDANCE WITH ALL DATA AND SPECIFICATIONS SUBMITTED WITH THE APPLICATION UNDER WHICH THIS PERMIT WAS ISSUED, UNLESS OTHERWISE NOTED BELOW.
[RULE 204]
2. THIS EQUIPMENT SHALL BE PROPERLY MAINTAINED AND KEPT IN GOOD OPERATING CONDITION AT ALL TIMES.
[RULE 204]
3. THE OPERATOR SHALL OPERATE AND MAINTAIN THIS EQUIPMENT TO ACHIEVE A MINIMUM OVERALL CONTROL EFFICIENCY OF 98.7 % WHEN THE BASIC EQUIPMENT IT SERVES IS IN OPERATION.
[RULE 1141, 1303(a)(1) - BACT]
4. THE ACTIVATED CARBON USED IN THE TWO CARBON CANNISTERS SHALL HAVE A CARBON TETRACHLORIDE NUMBER OF NOT LESS THAN 60 PERCENT AS MEASURED BY ASTM METHOD D3467.
[RULE 1141, 1303(a)(1) - BACT]
5. THE CARBON CANNISTERS SHALL BE CONNECTED IN SERIES, EACH CARBON CANNISTER SHALL CONTAIN A MINIMUM OF 3,000 POUNDS OF ACTIVATED CARBON.
[RULE 1141, 1303(a)(1) - BACT]
6. THE OPERATOR SHALL INSTALL AND MAINTAIN A NON RESETTABLE ELAPSED TIME METER TO ACCURATELY INDICATE THE ELAPSED OPERATING TIME BASED ON THE BLOWER OPERATION.
[RULE 1303 (a)(1)-BACT]



**FACILITY PERMIT TO OPERATE
ENGINEERED POLYMER SOLUTIONS INC.**

7. THE OPERATOR SHALL SET THE ALARM TO WARN THE OPERATOR WHEN THE TOTAL ELAPSED OPERATING HOUR FOR THE CARBON IN THE PRIMARY CARBON CANNISTER REACHES 12 HOURS OR LESS OF OPERATION.
[RULE 1303 (a)(1)-BACT]

8. WHENEVER THE TOTAL ELAPSED OPERATING HOURS FROM THE LAST TIME THE CARBON IN THE PRIMARY CARBON CANNISTER WAS REPLACED IS LESS THAN 12 HOURS, THE OPERATOR SHALL REPLACE THE CARBON AS FOLLOWS:

A. CARBON IN THE PRIMARY CARBON CANNISTER REPLACED WITH CARBON IN THE SECONDARY CARBON CANNISTER,

B. CARBON IN THE SECONDARY CARBON CANNISTER REPLACED WITH FRESH CARBON.
[RULE 1303 (a)(1)-BACT]

9. THE OPERATOR SHALL MAINTAIN A LOG OF RECORDS AS FOLLOWS

A. DATE, AND OPERATION TIME OF CARBON ADSORBER,

B. DATE OF CARBON REPLACEMENT OF ACTIVATED CARBON.

THE RECORDS SHALL BE RETAINED FOR AT LEAST FIVE YEARS AND MADE AVAILABLE TO THE DISTRICT PERSONNEL UPON REQUEST.
[RULE 1303 (a)(1)-BACT]

Emissions and Requirements:

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

VOC: RULE 1141



FACILITY PERMIT TO OPERATE ENGINEERED POLYMER SOLUTIONS INC.

PERMIT TO OPERATE

Permit No. G6691
A/N 499661

Equipment Description:

STORAGE TANK T-802, FIXED ROOF, 8'-0" DIA. X 21'-0" H., 8,000 GALLON CAPACITY

Conditions:

1. OPERATION OF THIS EQUIPMENT SHALL BE CONDUCTED IN ACCORDANCE WITH ALL DATA AND SPECIFICATIONS SUBMITTED WITH THE APPLICATION UNDER WHICH THIS PERMIT IS ISSUED UNLESS OTHERWISE NOTED BELOW.
[RULE 204]
2. THIS EQUIPMENT SHALL BE PROPERLY MAINTAINED AND KEPT IN GOOD OPERATING CONDITION AT ALL TIMES.
[RULE 204]
3. THIS EQUIPMENT SHALL NOT BE USED FOR STORING ORGANIC LIQUIDS HAVING A VAPOR PRESSURE OF GREATER THAN 89.1 mm HG AT 68 DEGREES FAHRENHEIT.
[RULE 1303(b)(2)- OFFSET]
4. MATERIALS USED IN THIS EQUIPMENT SHALL NOT CONTAIN ANY OF THE COMPOUNDS IDENTIFIED AS TOXIC AIR CONTAMINANTS IN RULE 1401 AS AMENDED MARCH 4, 2005, OTHER THAN VINYL ACETATE (CAS NO. 108-05-4).
[RULE 1401]
5. THE QUANTITY OF MATERIAL PROCESSED IN THIS EQUIPMENT SHALL NOT EXCEED 1,479,599 GALLONS IN ANY CALENDAR YEAR OR 123,300 GALLONS IN ANY ONE CALENDAR MONTH.
[RULE 1303(b)(2)- OFFSET]
6. THIS EQUIPMENT SHALL NOT BE OPERATED UNLESS IT IS VENTED TO AIR POLLUTION CONTROL EQUIPMENT WHICH IS IN FULL USE AND WHICH HAS BEEN ISSUED A PERMIT BY THE EXECUTIVE OFFICER.
[RULE 1303(a)(1) - BACT]
7. THIS EQUIPMENT SHALL ONLY BE FILLED BY THE USE OF A SUBMERGED FILL TUBE.
[RULE 1303(a)(1) - BACT]

Periodic Monitoring

8. THE OPERATOR SHALL KEEP RECORDS, IN A MANNER APPROVED BY THE DISTRICT, FOR THE FOLLOWING PARAMETER(S) OR ITEM(S):
 - A. THE NAME OF ORGANIC LIQUID STORED
 - B. THE VAPOR PRESSURE OF EACH ORGANIC LIQUID STORED.[RULE 3004 (a)(4)]



FACILITY PERMIT TO OPERATE ENGINEERED POLYMER SOLUTIONS INC.

Emissions and Requirements:

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

VOC: RULE 1141



FACILITY PERMIT TO OPERATE ENGINEERED POLYMER SOLUTIONS INC.

PERMIT TO OPERATE

Permit No. F96087
A/N 461111

Equipment Description:

STORAGE TANK T-811, FIXED ROOF, 8'-0" DIA. X 21'-0" H., 8,000 GALLON CAPACITY

Conditions:

1. OPERATION OF THIS EQUIPMENT SHALL BE CONDUCTED IN ACCORDANCE WITH ALL DATA AND SPECIFICATIONS SUBMITTED WITH THE APPLICATION UNDER WHICH THIS PERMIT IS ISSUED UNLESS OTHERWISE NOTED BELOW.
[RULE 204]
2. THIS EQUIPMENT SHALL BE PROPERLY MAINTAINED AND KEPT IN GOOD OPERATING CONDITION AT ALL TIMES.
[RULE 204]
3. THIS EQUIPMENT SHALL NOT BE USED FOR STORING ORGANIC LIQUIDS HAVING A VAPOR PRESSURE OF GREATER THAN 0.135 PSI AT 68 DEGREE FAHRENHEIT.
[RULE 1303(b)(2) - OFFSET]
4. MATERIALS USED IN THIS EQUIPMENT SHALL NOT CONTAIN ANY OF THE COMPOUNDS IDENTIFIED AS TOXIC AIR CONTAMINANTS IN RULE 1401 AS AMENDED MARCH 4, 2005, OTHER THAN XYLENE (CAS NUMBER 1330-20-7).
[RULE 1401]
5. THE QUANTITY OF MATERIAL PROCESSED IN THIS EQUIPMENT SHALL NOT EXCEED 178,606 GALLONS IN ANY CALENDAR YEAR OR 14,883 GALLONS IN ANY ONE CALENDAR MONTH.
[RULE 1303(b)(2) - OFFSET]
6. THIS EQUIPMENT SHALL NOT BE OPERATED UNLESS IT IS VENTED ONLY TO AIR POLLUTION CONTROL EQUIPMENT WHICH IS IN FULL USE AND WHICH HAS BEEN ISSUED A PERMIT BY THE EXECUTIVE OFFICER.
[RULE 1303(a)(1) - BACT]
7. THIS EQUIPMENT SHALL ONLY BE FILLED BY THE USE OF A SUBMERGED FILL TUBE.
[RULE 1303(a)(1) - BACT]

Periodic Monitoring

8. THE OPERATOR SHALL KEEP RECORDS, IN A MANNER APPROVED BY THE DISTRICT, FOR THE FOLLOWING PARAMETER(S) OR ITEM(S):
 - A. THE NAME OF ORGANIC LIQUID
 - B. THE VAPOR PRESSURE OF EACH ORGANIC LIQUID.[RULE 3004 (a)(4)]



**FACILITY PERMIT TO OPERATE
ENGINEERED POLYMER SOLUTIONS INC.**

Emissions and Requirements:

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

VOC: RULE 1141



**FACILITY PERMIT TO OPERATE
ENGINEERED POLYMER SOLUTIONS INC.**

PERMIT TO OPERATE

Permit No. F96076
A/N 461112

Equipment Description:

STORAGE TANK T-812, FIXED ROOF, 8'-0" DIA. X 21'-0" H., 8,000 GALLON CAPACITY

Conditions:

1. OPERATION OF THIS EQUIPMENT SHALL BE CONDUCTED IN ACCORDANCE WITH ALL DATA AND SPECIFICATIONS SUBMITTED WITH THE APPLICATION UNDER WHICH THIS PERMIT IS ISSUED UNLESS OTHERWISE NOTED BELOW.
[RULE 204]
2. THIS EQUIPMENT SHALL BE PROPERLY MAINTAINED AND KEPT IN GOOD OPERATING CONDITION AT ALL TIMES.
[RULE 204]
3. THIS EQUIPMENT SHALL NOT BE USED FOR STORING ORGANIC LIQUIDS HAVING A VAPOR PRESSURE OF GREATER THAN 0.174 PSI AT 68 DEGREE FAHRENHEIT.
[RULE 1303(b)(2) - OFFSET]
4. MATERIALS USED IN THIS EQUIPMENT SHALL NOT CONTAIN ANY OF THE COMPOUNDS IDENTIFIED AS TOXIC AIR CONTAMINANTS IN RULE 1401 AS AMENDED MARCH 4, 2005.
[RULE 1401]
5. THE QUANTITY OF MATERIAL PROCESSED IN THIS EQUIPMENT SHALL NOT EXCEED 260,881 GALLONS IN ANY CALENDAR YEAR OR 21,740 GALLONS IN ANY ONE CALENDAR MONTH.
[RULE 1303(b)(2) - OFFSET]
6. THIS EQUIPMENT SHALL NOT BE OPERATED UNLESS IT IS VENTED ONLY TO AIR POLLUTION CONTROL EQUIPMENT WHICH IS IN FULL USE AND WHICH HAS BEEN ISSUED A PERMIT BY THE EXECUTIVE OFFICER.
[RULE 1303(a)(1) - BACT]
7. THIS EQUIPMENT SHALL ONLY BE FILLED BY THE USE OF A SUBMERGED FILL TUBE.
[RULE 1303(a)(1) - BACT]

Periodic Monitoring

8. THE OPERATOR SHALL KEEP RECORDS, IN A MANNER APPROVED BY THE DISTRICT, FOR THE FOLLOWING PARAMETER(S) OR ITEM(S):
 - A. THE NAME OF ORGANIC LIQUID
 - B. THE VAPOR PRESSURE OF EACH ORGANIC LIQUID.[RULE 3004 (a)(4)]



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Emissions and Requirements:

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

VOC: RULE 1141



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PERMIT TO OPERATE

Permit No. G6695
A/N 499670

Equipment Description:

AIR POLLUTION CONTROL SYSTEM CONSISTING OF:

1. AFTERBURNER, HIRT, MODEL HIH-SM-3000X, SERIAL NO. 9881073, 4'-3" DIA. X 18'-8" L., DIRECT GAS FIRED, 7,260,000 BTU/HR
2. WASTE HEAT BOILER, ABCO, MODEL 100-WHB, SERIAL NO. 9608-1, 4'-10" DIA. X 20'-6" L., 100 HP
3. SCRUBBER, SPRAY TYPE, VO19, 1'-4" DIA. X 10'-0" H., WITH A SEPARATION TANK, T-16, 8'-1" W X 9'-7" L. X 5'-0" H., 2,950 GALLON CAPACITY AND AN CIRCULATION PUMP
4. ONE VAPOR EXPANSION TANK, T-15, 4'-0" DIA. X 5'-0" H., 500 GALLON CAPACITY
5. ONE VAPOR CONDENSATE TANK, T-17, 8'-0" DIA. X 8'-6" H., 3,760 GALLON CAPACITY
6. EXHAUST SYSTEM WITH A 20 HP BLOWER VENTING THE FOLLOWING SOURCES: TWO ALKYD RESIN REACTORS, K2 AND K3, EACH WITH ONE CONDENSER, ONE SURGE TANK, AND ONE DECANTER TANK; FOUR RESIN THIN DOWN TANKS, T-401, T-402, T-403 AND T-404, EACH WITH ONE CONDENSER; ONE LATEX REACTOR, K5, WITH ONE CONDENSER; ONE POLYVINYL ACETATE POLYMERIZATION REACTOR, K6, WITH ONE CONDENSER; ONE WASTE WATER TREATMENT SYSTEM; THIRTEEN TANKS: ST-3 (T-803) OR TBD2, ST-8 (T-808) OR TBD4, T-406, T-407, T-501, T-504, T-601, T-802, T-804, T-807, T-810 OR TBD1, T-811 AND T-812.

Conditions:

1. OPERATION OF THIS EQUIPMENT SHALL BE CONDUCTED IN ACCORDANCE WITH ALL DATA AND SPECIFICATIONS SUBMITTED WITH THE APPLICATION UNDER WHICH THIS PERMIT WAS ISSUED, UNLESS OTHERWISE NOTED BELOW.
[RULE 204]
2. THIS EQUIPMENT SHALL BE PROPERLY MAINTAINED AND KEPT IN GOOD OPERATING CONDITION AT ALL TIMES.
[RULE 204]
3. THE OPERATOR SHALL OPERATE AND MAINTAIN THIS HIRT DIRECT FLAME THERMAL OXIDIZER ACCORDING TO THE FOLLOWING REQUIREMENTS:

THE COMBUSTION CHAMBER TEMPERATURE SHALL BE MAINTAINED AT A MINIMUM OF 1,400 DEGREES FAHRENHEIT WHENEVER THE EQUIPMENT IT SERVES IS IN OPERATION.

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



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MANUFACTURER'S SPECIFICATIONS. THE TEMPERATURE INDICATING AND RECORDING SYSTEM SHALL BE IN OPERATION WHENEVER THE EQUIPMENT IT SERVES IS IN OPERATION.

FOR THE PURPOSE OF THIS CONDITION, A DEVIATION SHALL BE DEFINED AS WHEN A COMBUSTION CHAMBER TEMPERATURE OF LESS THAN 1,400 DEGREES FAHRENHEIT OCCURS DURING NORMAL OPERATION OF THE EQUIPMENT IT SERVES AND THE GAS STREAM INCOMING TO THE COMBUSTION CHAMBER CANNOT BE REROUTED THROUGH THE CARBON ADSORPTION SYSTEM, WHICH IS IN FULL USE AND WHICH HAS BEEN ISSUED AN OPERATING PERMIT BY THE EXECUTIVE OFFICER. THE OPERATOR SHALL REVIEW THE RECORDS OF THE COMBUSTION CHAMBER TEMPERATURE ON A DAILY BASIS TO DETERMINE IF A DEVIATION OCCURS OR SHALL INSTALL AN ALARM SYSTEM TO ALERT THE OPERATOR WHEN A DEVIATION OCCURS.

WHENEVER A DEVIATION OCCURS, THE OPERATOR SHALL INSPECT THIS EQUIPMENT TO IDENTIFY THE CAUSE OF SUCH A DEVIATION, TAKE IMMEDIATE CORRECTIVE ACTION TO MAINTAIN THE COMBUSTION CHAMBER TEMPERATURE AT OR ABOVE 1,400 DEGREES FAHRENHEIT, AND KEEP RECORDS OF THE DURATION AND CAUSE (INCLUDING UNKNOWN CAUSE, IF APPLICABLE) OF THE DEVIATION AND THE CORRECTIVE ACTION TAKEN.

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

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

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

THE OPERATOR SHALL KEEP ADEQUATE RECORDS IN A FORMAT THAT IS ACCEPTABLE TO THE AQMD TO DEMONSTRATE COMPLIANCE WITH ALL APPLICABLE REQUIREMENTS SPECIFIED IN THIS CONDITION AND 40 CFR PART 64.9 FOR A MINIMUM OF FIVE YEARS.
[RULE 1303(a)(1)-BACT, 1303(b)(2)-OFFSET, 3004(a)(4), 40CFR Part 64]

- LIQUID WASTES SHALL NOT BE BURNED IN THE AFTERBURNER.
[RULE 1303(a) - BACT]
- THIS EQUIPMENT SHALL BE DISCONNECTED FROM THE EXISTING STORAGE TANKS ST-3, ST-8 AND T-810 WHEN IT STARTS VENTING STORAGE TANKS TBD2, TBD4 AND TBD1.
[RULE 1141(b)(1)(B), 1303(a) - BACT]

Periodic Monitoring:

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



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- A. THE TEST SHALL BE CONDUCTED AT LEAST ONCE DURING THE LIFE OF THE PERMIT.
- B. THE TEST SHALL BE CONDUCTED NO LATER THAN DECEMBER 19, 2012 UNLESS OTHERWISE APPROVED IN WRITING BY THE DISTRICT.
- C. THE TEST SHALL BE CONDUCTED TO DETERMINE THE VOC EMISSIONS USING AN APPROVED DISTRICT METHOD TO DEMONSTRATE COMPLIANCE WITH ALL APPLICABLE PERMIT CONDITION(S), RULES AND REGULATIONS.
- D. THE SOURCE TEST SHALL BE CONDUCTED WHILE THE OXIDIZER IS OPERATING AT A TEMPERATURE OF NOT LESS THAN THE MINIMUM OPERATING TEMPERATURE SPECIFIED IN THIS PERMIT. IF THE OPERATING TEMPERATURE DURING THE SOURCE TEST IS GREATER THAN THE MINIMUM OPERATING TEMPERATURE SPECIFIED IN THIS PERMIT, THE MINIMUM OPERATING TEMPERATURE SPECIFIED IN THIS PERMIT MAY BE INCREASED TO REFLECT THE OPERATING TEMPERATURE DURING THE SOURCE TEST.
- E. THE OPERATOR SHALL COMPLY WITH ADMINISTRATIVE CONDITIONS NOS. 8, 9, AND 10 OF SECTION E OF THIS FACILITY PERMIT.
- F. THE OPERATOR SHALL SUBMIT TWO COMPLETE COPIES OF THE SOURCE TEST REPORT SPECIFIED IN CONDITION NO. 9 OF SECTION E OF THIS FACILITY PERMIT TO THE DISTRICT ENGINEERING AND COMPLIANCE DIVISION. THE REPORT SHALL BE SENT TO: SOUTH COAST AIR QUALITY MANAGEMENT DISTRICT, P.O. BOX 4941, DIAMOND BAR, CA 91765
[RULE 3004(a)(4)]

Emissions and Requirements:

- 7. THIS EQUIPMENT IS SUBJECT TO THE APPLICABLE REQUIREMENTS OF THE FOLLOWING RULES AND REGULATIONS:
 - VOC: RULE 1141
 - VOC: RULE 1171, SEE APPENDIX B FOR EMISSION LIMITS
 - CO: 2000 PPM, RULE 407
 - PM: 0.1 GR/SCF, RULE 409
 - PM: RULE 404, SEE APPENDIX B FOR EMISSION LIMITS



**FACILITY PERMIT TO OPERATE
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PERMIT TO OPERATE

**Permit No. F95913
A/N 477624**

Equipment Description:

ALKYD RESIN MANUFACTURING SYSTEM K-2 CONSISTING OF:

1. REACTOR, 6'-6" DIA. X 10'-9" H., HEATED, TWO BURNERS, EACH 1.25 MMBTU/HR, NATURAL GAS FIRED, WITH AN AGITATOR AND A 5 H.P. COMBUSTION AIR BLOWER,
2. PACKED COLUMN, 1'-8" DIA. X 9'-0" H.
3. CONDENSER, SHELL-AND-TUBE TYPE, 1'-4" DIA. X 12'-7" H.
4. DECANTER, 2'-2" DIA. X 3'-6" H., 69 GALLON CAPACITY
5. SURGE TANK, 1'-0" DIA. X 2'-0" H., 10 GALLON CAPACITY
6. THIN-DOWN TANK, T-402, 9'-0" DIA. X 15'-0" H., 6,551 GALLON CAPACITY WITH AN AGITATOR AND A CONDENSER, SHELL-AND-TUBE TYPE, 1'-3" DIA. X 7'-0" L.
7. THIN-DOWN TANK, T-401, 7'-6" DIA. X 9'-0" H., 3,500 GALLON CAPACITY WITH AN AGITATOR AND A CONDENSER, SHELL-AND-TUBE TYPE, 1'-1" DIA. X 7'-0" L.
8. THIN-DOWN TANK, T-404, 10'-0" DIA. X 18'-0" H., 8,000 GALLON CAPACITY WITH AN AGITATOR AND A CONDENSER, SHELL-AND-TUBE TYPE, 1'-6" DIA. X 17'-6" L (COMMON TO SYSTEMS 2 AND 3),
9. VACUUM PUMP (COMMON),
10. FILTER PRESS, PLATE AND FRAME TYPE, SIZE 24" X 24"
11. MIX TANK FILTER AID, 2'-3" DIA. X 3'-6" H. WITH AN AGITATOR (COMMON SYSTEMS 2 AND 3).
12. VAPOR RETURN LINE, WITH A FLEXIBLE HOSE, A TRUCK T-FITTING, A CAMLOC (COMMON TO SYSTEMS 2 AND 3).

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]



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3. THIS EQUIPMENT SHALL NOT BE OPERATED UNLESS IT IS VENTED ONLY TO AIR POLLUTION CONTROL EQUIPMENT WHICH IS IN FULL USE AND WHICH HAS BEEN ISSUED A PERMIT BY THE EXECUTIVE OFFICER
[RULE 1303(a)(1)-BACT]
4. THIS EQUIPMENT SHALL COMPLY WITH THE REQUIREMENTS OF RULE 1141.
[RULE 1303(a)(1)-BACT]
5. THE FINISHED PRODUCTS PRODUCED FROM THIS OPERATION SHALL NOT BE DIRECTLY TRANSFERRED TO THE TANK TRUCKS UNLESS THE VAPOR RETURN LINE DESCRIBED IN EQUIPMENT LIST ITEM NO.12 HAS BEEN INSTALLED..
[RULE 1303(a)(1)-BACT]

Emissions and Requirements:

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

VOC: RULE 1141
CO: 2000 PPMV, RULE 407
PM: 0.1 GR/SCF, RULE 409
PM: RULE 404. SEE APPENDIX B FOR EMISSION LIMITS



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PERMIT TO OPERATE

Permit No. G6689
A/N 499658

Equipment Description:

RESIN MANUFACTURING SYSTEM 3 CONSISTING OF

1. REACTOR, K-3, 8'-3" DIA. X 12'-6" H., HEATED, TWO BURNERS, EACH 3MM BTU/HR, NATURAL GAS FIRED, WITH A 30 H.P. AGITATOR AND A 10 H.P. COMBUSTION AIR BLOWER
2. PACKED COLUMN, 3'-0" DIA. X 14'-5" H.
3. CONDENSER, SHELL-AND-TUBE TYPE, 1'-6" DIA. X 17'-6" H
4. DECANTER, 3'-0" DIA. X 5'-0" H.
5. SURGE TANK, 2'-0" DIA. X 3'-0" H., WITH A CONDENSATE PUMP.
6. THIN-DOWN TANK, T-403, 10'-0" DIA. X 18'-0" H., 10,000 GALLON CAPACITY WITH AN AGITATOR AND A CONDENSER, SHELL-AND-TUBE TYPE, 1'-6" DIA. X 17'-6" L.
7. THIN-DOWN TANK, T-404, 10'-0" DIA. X 18'-0" H., 8,000 GALLON CAPACITY, WITH AN AGITATOR AND A CONDENSER, SHELL-AND-TUBE TYPE, 1'-6" DIA. X 17'-6" L.(COMMON TO SYSTEM 2 AND 3),
8. VACUUM PUMP (COMMON TO SYSTEM 2 AND 3),
9. FILTER PRESS, PLATE AND FRAME TYPE, SIZE 36" X 36".
10. MIX TANK FILTER AID, 2'-3" DIA. X 3'-6" H., 104 GALLON, WITH AN AGITATOR (COMMON TO SYSTEM 2 AND 3).
11. VAPOR RETURN LINE, WITH A FLEXIBLE HOSE, A TRUCK T-FITTING, A CAMLOC (COMMON TO SYSTEM 2 AND 3).
12. VACUUM PUMP
13. TWO VACUUM RECEIVERS
14. TWO TOTES, 450 GALLON CAPACITY EACH.

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]



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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 ONLY TO AIR POLLUTION CONTROL EQUIPMENT WHICH IS IN FULL USE AND WHICH HAS BEEN ISSUED A PERMIT BY THE EXECUTIVE OFFICER.
[RULE 1303(a)(1)-BACT]
4. THIS EQUIPMENT SHALL COMPLY WITH THE REQUIREMENTS OF RULE 1141.
[RULE 1141]
5. THIS EQUIPMENT SHALL EMIT NO MORE THAN 122 POUNDS OF VOC EMISSION PER MONTH.
[RULE 1303(b)(2) – OFFSET]
6. THE OPERATOR SHALL MAINTAIN ADEQUATE RECORDS TO VERIFY COMPLIANCE WITH CONDITION NO. 5 ABOVE. SUCH RECORDS SHALL BE KEPT ON THE PREMISES FOR AT LEAST TWO YEARS AND BE MADE AVAILABLE TO THE EXECUTIVE OFFICER OR HIS REPRESENTATIVE UPON REQUEST.
[RULE 1303(b)(2) – OFFSET]

Emissions and Requirements:

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

VOC: RULE 1141
CO: 2000 PPMV, RULE 407
PM: 0.1 GR/SCF, RULE 409
PM: RULE 404, SEE APPENDIX B FOR EMISSION LIMITS



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PERMIT TO OPERATE

Permit No. F96181
A/N 478950

Equipment Description:

ACRYLIC AND POLYVINYL ACRYLIC LATEX EMULSION POLYMERIZATION SYSTEM K-6 CONSISTING OF:

1. MONOMER TANK, T-601, 9'-0" DIA. X 12'-0" H., 5,000 GALLON CAPACITY, WITH AN AGITATOR, WATER COOLED
2. OXIDIZER TANK, T-602, 4'-0" DIA. X 4'-6" H., 300 GALLON CAPACITY, WITH AN AGITATOR, UNHEATED
3. REDUCER TANK, T-603, 4'-0" DIA. X 4'-6" H., 300 GALLON CAPACITY, WITH AN AGITATOR, UNHEATED
4. REACTOR, K-6, 9'-0" DIA. X 16'-6" H., 5,500 GALLON CAPACITY, WITH AN AGITATOR, VAPOR CONDENSER, STEAM HEATED AND WATER COOLED,
5. COOL TANK, T-606, 9'-6" DIA. X 12'-0" L., 7,159 GALLON CAPACITY, WITH AN AGITATOR.

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 REACTOR TANK AND MONOMER TANK ARE FULLY VENTED ONLY TO AIR POLLUTION CONTROL EQUIPMENT WHICH IS IN FULL USE AND WHICH HAS BEEN ISSUED A PERMIT BY THE EXECUTIVE OFFICER
[RULE 1303(a)(1) - BACT]
4. MATERIAL USED IN THIS EQUIPMENT SHALL NOT CONTAIN ANY OF THE COMPOUNDS IDENTIFIED AS TOXIC AIR CONTAMINANTS IN RULE 1401 AS AMENDED DECEMBER 7, 1990.
[RULE 1401]

Emissions and Requirements:

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



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VOC: RULE 1141



FACILITY PERMIT TO OPERATE ENGINEERED POLYMER SOLUTIONS INC.

PERMIT TO OPERATE

Permit No. F98015
A/N 484071

Equipment Description:

STORAGE TANK T-810, FIXED ROOF, 8'-0" DIA. X 21'-0" H., 8,000 GALLON CAPACITY

Conditions:

1. OPERATION OF THIS EQUIPMENT SHALL BE CONDUCTED IN ACCORDANCE WITH ALL DATA AND SPECIFICATIONS SUBMITTED WITH THE APPLICATION UNDER WHICH THIS PERMIT IS ISSUED UNLESS OTHERWISE NOTED BELOW.
[RULE 204]
2. THIS EQUIPMENT SHALL BE PROPERLY MAINTAINED AND KEPT IN GOOD OPERATING CONDITION AT ALL TIMES.
[RULE 204]
3. THIS EQUIPMENT SHALL NOT BE USED FOR STORING ORGANIC LIQUIDS HAVING A VAPOR PRESSURE OF GREATER THAN 0.0948 PSI AT 68 DEGREE FAHRENHEIT.
[RULE 1303(b)(2) - OFFSET]
4. MATERIALS USED IN THIS EQUIPMENT SHALL NOT CONTAIN ANY OF THE COMPOUNDS IDENTIFIED AS TOXIC AIR CONTAMINANTS IN RULE 1401 AS AMENDED MARCH 7, 2008.
[RULE 1401]
5. THE QUANTITY OF MATERIAL PROCESSED IN THIS EQUIPMENT SHALL NOT EXCEED 850,000 GALLONS IN ANY CALENDAR YEAR OR 70,833 GALLONS IN ANY ONE CALENDAR MONTH.
[RULE 1303(b)(2) - OFFSET]
6. THIS EQUIPMENT SHALL NOT BE OPERATED UNLESS IT IS VENTED ONLY TO AIR POLLUTION CONTROL EQUIPMENT WHICH IS IN FULL USE AND WHICH HAS BEEN ISSUED A PERMIT BY THE EXECUTIVE OFFICER.
[RULE 1303(a)(1) - BACT]
7. THIS EQUIPMENT SHALL ONLY BE FILLED BY THE USE OF A SUBMERGED FILL TUBE.
[RULE 1303(a)(1) - BACT]

Periodic Monitoring

8. THE OPERATOR SHALL KEEP RECORDS, IN A MANNER APPROVED BY THE DISTRICT, FOR THE FOLLOWING PARAMETER(S) OR ITEM(S):
 - A. THE NAME OF ORGANIC LIQUID
 - B. THE VAPOR PRESSURE OF EACH ORGANIC LIQUID.[RULE 3004 (a)(4)]



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Emissions and Requirements:

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

VOC: RULE 1141



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PERMIT TO OPERATE

Permit No. G15549
A/N 503614

Equipment Description:

STORAGE TANK T-904, FIXED ROOF, 10'-0" DIA. X 12'-0" H., 6,715 GALLON CAPACITY, WITH AN AGITATOR AND INTERNAL HEATING COILS.

Conditions:

1. OPERATION OF THIS EQUIPMENT SHALL BE CONDUCTED IN ACCORDANCE WITH ALL DATA AND SPECIFICATIONS SUBMITTED WITH THE APPLICATION UNDER WHICH THIS PERMIT IS ISSUED UNLESS OTHERWISE NOTED BELOW.
[RULE 204]
2. THIS EQUIPMENT SHALL BE PROPERLY MAINTAINED AND KEPT IN GOOD OPERATING CONDITION AT ALL TIMES.
[RULE 204]
3. MATERIALS USED AT THIS EQUIPMENT SHALL NOT CONTAIN ANY OF THE COMPOUNDS IDENTIFIED AS TOXIC AIR CONTAMINANTS IN RULE 1401 AS AMENDED ON MARCH 7, 2008.
[RULE 1401]
4. THE QUANTITY OF MATERIAL PROCESSED IN THIS EQUIPMENT SHALL NOT EXCEED 600,000 GALLONS IN ANY CALENDAR YEAR OR 100,000 GALLONS IN ANY ONE CALENDAR MONTH.
[RULE 1303(b)(2) - OFFSET]
5. THIS TANK CAN ONLY STORE URETHANE MODIFIED ALKYD RESIN PRODUCT, ITS SOLVENT CONCENTRATION SHALL NOT EXCEED 55 PERCENT BY WEIGHT.
[RULE 1303(b)(2) - OFFSET]
6. A TEMPERATURE GAUGE SHALL BE INSTALLED TO MONITOR THE TEMPERATURE OF MATERIALS STORED IN THIS TANK.
[RULE 1303(b)(2) - OFFSET]
7. THE TANK TEMPERATURE SHALL NOT EXCEED 160 DEGREES F WHEN TRANSFERING MATERIAL TO A DELIVERY TRUCK.
[RULE 1303(b)(2) - OFFSET]
8. THE TOTAL HOURS FOR HEATING THIS TANK SHALL NOT EXCEED 87 HOURS IN ANY ONE CALENDAR MONTH.
[RULE 1303(b)(2) - OFFSET]

Periodic Monitoring

9. THE OPERATOR SHALL KEEP RECORDS, IN A MANNER APPROVED BY THE DISTRICT, FOR THE FOLLOWING PARAMETERS OR ITEMS:
 - A. DAILY TEMPERATURE OF THE MATERIAL STORED IN THE TANK.
 - B. CONDITION NO.8.



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[RULE 3004 (a)(4)]



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PERMIT TO OPERATE

Permit No. M03595
A/N C07941

Equipment Description:

STORGE TANK TF-18, 11'-0" DIA. X 16'-6" H., STEAM HEATED.

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]
7. THIS EQUIPMENT SHALL BE PROPERLY MAINTAINED AND KEPT IN GOOD OPERATING CONDITION AT ALL TIMES.
[RULE 204]
3. THIS TANK SHALL NOT BE USED TO STORE A PETROLEUM DISTILLATE HAVING A REID VAPOR PRESSURE OF 3.9 POUNDS OR GREATER.
[RULE 1303(b)(2)-OFFSET]

Periodic Monitoring:

4. THE OPERATOR SHALL KEEP RECORDS, IN A MANNER APPROVED BY THE DISTRICT, FOR THE FOLLOWING PARAMETER(S) OR ITEM(S):
 - A. THE NAME OF PETROLEUM DISTILLATE
 - B. THE REID VAPOR PRESSURE OF EACH DISTILLATE.[RULE 3004 (a)(4)]



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PERMIT TO OPERATE

**Permit No. M03601
A/N C07942**

Equipment Description:

STORGE TANK TF-16, 12'-0" DIA. X 30'-0" H., STEAM HEATED.

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 USED TO STORE A PETROLEUM DISTILLATE HAVING A REID VAPOR PRESSURE OF 3.9 POUNDS OR GREATER.
[RULE 1303(b)(2)-OFFSET]

Periodic Monitoring:

4. THE OPERATOR SHALL KEEP RECORDS, IN A MANNER APPROVED BY THE DISTRICT, FOR THE FOLLOWING PARAMETER(S) OR ITEM(S):
 - A. THE NAME OF PETROLEUM DISTILLATE
 - B. THE REID VAPOR PRESSURE OF EACH DISTILLATE.[RULE 3004 (a)(4)]



**FACILITY PERMIT TO OPERATE
ENGINEERED POLYMER SOLUTIONS INC.**

PERMIT TO OPERATE

**Permit No. M03602
A/N C07943**

Equipment Description:

STORGE TANK TF-12, 11'-0" DIA. X 14'-0" H., STEAM HEATED.

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 USED TO STORE A PETROLEUM DISTILLATE HAVING A REID VAPOR PRESSURE OF 3.9 POUNDS OR GREATER.
[RULE 1303(b)(2)-OFFSET]

Periodic Monitoring:

4. THE OPERATOR SHALL KEEP RECORDS, IN A MANNER APPROVED BY THE DISTRICT, FOR THE FOLLOWING PARAMETER(S) OR ITEM(S):
 - A. THE NAME OF PETROLEUM DISTILLATE
 - B. THE REID VAPOR PRESSURE OF EACH DISTILLATE.[RULE 3004 (a)(4)]



**FACILITY PERMIT TO OPERATE
ENGINEERED POLYMER SOLUTIONS INC.**

PERMIT TO OPERATE

**Permit No. M03603
A/N C07944**

Equipment Description:

STORGE TANK TF-11, 10'-0" DIA. X 13'-4" H.

Conditions:

1. OPERATION OF THIS EQUIPMENT SHALL BE CONDUCTED IN ACCORDANCE WITH ALL DATA AND SPECIFICATIONS SUBMITTED WITH THE APPLICATION UNDER WHICH THIS PERMIT IS ISSUED UNLESS OTHERWISE NOTED BELOW.
[RULE 204]
2. THIS EQUIPMENT SHALL BE PROPERLY MAINTAINED AND KEPT IN GOOD OPERATING CONDITION AT ALL TIMES.
[RULE 204]
3. THIS TANK SHALL NOT BE USED TO STORE A PETROLEUM DISTILLATE HAVING A REID VAPOR PRESSURE OF 3.9 POUNDS OR GREATER.
[RULE 1303(b)(2)-OFFSET]

Periodic Monitoring

4. THE OPERATOR SHALL KEEP RECORDS, IN A MANNER APPROVED BY THE DISTRICT, FOR THE FOLLOWING PARAMETER(S) OR ITEM(S):
 - A. THE NAME OF ORGANIC LIQUID
 - B. THE REID VAPOR PRESSURE OF EACH ORGANIC LIQUID.[RULE 3004 (a)(4)]



**FACILITY PERMIT TO OPERATE
ENGINEERED POLYMER SOLUTIONS INC.**

PERMIT TO OPERATE

**Permit No. M03612
A/N C07945**

Equipment Description:

STORGE TANK TF-10, 10'-0" DIA. X 12'-0" H., STEAM HEATED.

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 USED TO STORE A PETROLEUM DISTILLATE HAVING A REID VAPOR PRESSURE OF 3.9 POUNDS OR GREATER.
[RULE 1303(b)(2)-OFFSET]

Periodic Monitoring

4. THE OPERATOR SHALL KEEP RECORDS, IN A MANNER APPROVED BY THE DISTRICT, FOR THE FOLLOWING PARAMETER(S) OR ITEM(S):
 - A. THE NAME OF ORGANIC LIQUID
 - B. THE REID VAPOR PRESSURE OF EACH ORGANIC LIQUID.[RULE 3004 (a)(4)]



**FACILITY PERMIT TO OPERATE
ENGINEERED POLYMER SOLUTIONS INC.**

PERMIT TO OPERATE

**Permit No. M03613
A/N C07946**

Equipment Description:

STORGE TANK TF-8, 10'-0" DIA. X 12'-0" H., STEAM HEATED.

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 USED TO STORE A PETROLEUM DISTILLATE HAVING A REID VAPOR PRESSURE OF 3.9 POUNDS OR GREATER.
[RULE 1303(b)(2)-OFFSET]

Periodic Monitoring:

4. THE OPERATOR SHALL KEEP RECORDS, IN A MANNER APPROVED BY THE DISTRICT, FOR THE FOLLOWING PARAMETER(S) OR ITEM(S):
 - A. THE NAME OF ORGANIC LIQUID
 - B. THE REID VAPOR PRESSURE OF EACH ORGANIC LIQUID.[RULE 3004 (a)(4)]



**FACILITY PERMIT TO OPERATE
ENGINEERED POLYMER SOLUTIONS INC.**

PERMIT TO OPERATE

**Permit No. M03618
A/N C07951**

Equipment Description:

STORGE TANK TF-7, 10'-0" DIA. X 12'-0" H., STEAM HEATED.

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 USED TO STORE A PETROLEUM DISTILLATE HAVING A REID VAPOR PRESSURE OF 3.9 POUNDS OR GREATER.
[RULE 1303(b)(2)-OFFSET]

Periodic Monitoring

4. THE OPERATOR SHALL KEEP RECORDS, IN A MANNER APPROVED BY THE DISTRICT, FOR THE FOLLOWING PARAMETER(S) OR ITEM(S):
 - A. THE NAME OF ORGANIC LIQUID
 - B. THE REID VAPOR PRESSURE OF EACH ORGANIC LIQUID.[RULE 3004 (a)(4)]



**FACILITY PERMIT TO OPERATE
ENGINEERED POLYMER SOLUTIONS INC.**

PERMIT TO OPERATE

Permit No. G21956
A/N 542666

Equipment Description:

STORAGE TANK T-804, FIXED ROOF, 8'-0" DIA. X 21'-0" H., 8,000 GALLON CAPACITY.

Conditions:

1. OPERATION OF THIS EQUIPMENT SHALL BE CONDUCTED IN ACCORDANCE WITH ALL DATA AND SPECIFICATIONS SUBMITTED WITH THE APPLICATION UNDER WHICH THIS PERMIT IS ISSUED UNLESS OTHERWISE NOTED BELOW.
[RULE 204]
2. THIS EQUIPMENT SHALL BE PROPERLY MAINTAINED AND KEPT IN GOOD OPERATING CONDITION AT ALL TIMES.
[RULE 204]
3. THIS EQUIPMENT SHALL NOT BE LOADED WITH PRODUCT UNLESS DISPLACED VAPORS ARE RETURNED TO THE SUPPLY VESSEL.
[RULE 1303(A)(1) - BACT]
4. THIS EQUIPMENT SHALL NOT BE OPERATED UNLESS IT IS VENTED TO AIR POLLUTION CONTROL EQUIPMENT WHICH IS IN FULL USE AND WHICH HAS BEEN ISSUED AN OPERATING PERMIT BY THE EXECUTIVE OFFICER.
[RULE 1303(A)(1) - BACT]
5. THIS EQUIPMENT SHALL BE USED TO STORE METHYL METHACRYLATE ONLY.
[RULE 1303(B)(2) - OFFSET]
6. THIS EQUIPMENT SHALL NOT BE FILLED UNLESS A SUBMERGED FILL TUBE IS USED.
[RULE 1303(A)(1) - BACT]
7. THIS EQUIPMENT SHALL PROCESS NO MORE THAN 45,000 GALLONS METHYL METHACRYLATE PER CALENDAR MONTH.
[RULE 1303(B)(2) - OFFSET]
8. MATERIALS USED IN THIS EQUIPMENT SHALL NOT CONTAIN ANY TOXIC AIR CONTAMINANTS IDENTIFIED IN RULE 1401, TABLE I, WITH EFFECTIVE DATE OF SEPTEMBER 10, 2010 OR EARLIER, EXCEPT FOR METHYL METHACRYLATE (CAS NO. 80-62-6).
[RULE 1401]

Periodic Monitoring

9. MATERIAL SAFETY DATA SHEETS FOR ALL MATERIALS USED IN THIS EQUIPMENT SHALL BE KEPT CURRENT AND BE MADE AVAILABLE TO THE EXECUTIVE OFFICER OR HIS REPRESENTATIVE UPON REQUEST.



**FACILITY PERMIT TO OPERATE
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[RULE 3004 (A)(4)]

10. THE OPERATOR SHALL MAINTAIN ADEQUATE RECORDS TO VERIFY COMPLIANCE WITH CONDITION NO. 7 ABOVE. SUCH RECORDS SHALL BE KEPT ON THE PREMISES FOR AT LEAST FIVE YEARS AND BE MADE AVAILABLE TO THE EXECUTIVE OFFICER OR HIS REPRESENTATIVE UPON REQUEST.

[RULE 3004 (A)(4)]



FACILITY PERMIT TO OPERATE ENGINEERED POLYMER SOLUTIONS INC.

RULE 219 EQUIPMENT

Equipment Description:

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

Periodic Monitoring:

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

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

RULE 219 EQUIPMENT

Equipment Description:

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

Emissions and Requirements:

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

VOC: RULE 1122

VOC: RULE 1171. SEE APPENDIX B FOR EMISSION LIMITS



FACILITY PERMIT TO OPERATE ENGINEERED POLYMER SOLUTIONS INC.

RULE 219 EQUIPMENT

Equipment Description

RULE 219 EXEMPT EQUIPMENT, VALVES, FITTINGS, PUMPS, COMPRESSORS, PRESSURE RELIEF DEVICES, DIAPHRAGMS, HATCHES, SIGHT-GLASSES, AND METERS, FUGITIVE EMISSIONS.

Emissions and Requirements:

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

VOC: RULE 1173