FACILITY PERMIT TO OPERATE
MIZKAN AMERICAS, INC.

Facility Equipment and Requirements
(Section D)

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

FACILITY PERMIT TO OPERATE
MIZKAN AMERICAS, INC.

PERMITTED EQUIPMENT LIST

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

Application No.	Permit to Operate No.	Equipment Description
143981	M57432	STORAGE TANK ALCOHOLS
280462	D91178	BOILER (< 5 MMBTU/HR) NAT GAS ONLY
294898	D85823	STORAGE TANK MISC ORGANIC ACID
294899	D85824	STORAGE TANK MISC ORGANIC ACID
294901	D85825	STORAGE TANK MISC ORGANIC ACID
294904	D85826	STORAGE TANK MISC ORGANIC ACID
294906	D85827	STORAGE TANK MISC ORGANIC ACID
294907	D85828	STORAGE TANK MISC ORGANIC ACID
324051	F5859	BOILER (< 5 MMBTU/HR) NAT GAS ONLY
349633	F61939	SCRUBBER, OTHER VENTING M.S.
417699	F63391	STORAGE TANK MISC ORGANIC MATERIALS
417700	F63392	STORAGE TANK MISC ORGANIC MATERIALS
417701	F63393	STORAGE TANK MISC ORGANIC MATERIALS
417702	F63403	STORAGE TANK MISC ORGANIC MATERIALS
417703	F63404	STORAGE TANK MISC ORGANIC MATERIALS
417704	F63405	STORAGE TANK MISC ORGANIC MATERIALS
417705	F63406	STORAGE TANK MISC ORGANIC MATERIALS
417706	F63407	STORAGE TANK MISC ORGANIC MATERIALS
417707	F63408	STORAGE TANK MISC ORGANIC MATERIALS
417708	F63409	STORAGE TANK MISC ORGANIC MATERIALS
472495	F91703	ICE (>500 HP) EM ELEC GEN DIESEL
428237	F89346	STORAGE SILO MISC ORGANIC MATERIALS
454803	F83895	BOILER (<5 MMBTU/HR) NAT GAS ONLY
417092		MISC ORGANIC ACID REACTION
417093		SCRUBBER, OTHER VENTING M.S.
R-417094		SCRUBBER, OTHER VENTING M.S.
419129		WASTE WATER TANK MISC ORGANIC MATERIALS

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
MIZKAN AMERICAS, 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 OPERATOR SHALL NOT BURN LIQUID FUEL CONTAINING SULFUR COMPOUNDS IN EXCESS OF 15 PPM BY WEIGHT.
   [RULE 431.2]

3. THE OPERATOR SHALL NOT PURCHASE DIESEL FUEL CONTAINING SULFUR COMPOUNDS IN EXCESS OF 15 PPM BY WEIGHT AS SUPPLIED BY THE SUPPLIER.
   [RULE 431.2]

FACILITY PERMIT TO OPERATE
MIZKAN AMERICAS, INC.

PERMIT TO OPERATE

Permit No. M57432
A/N 143981

Equipment Description

ETHANOL TANK, UNDERGROUND 15,134 GALLON CAPACITY, 9'-5" DIA. X 29'-8" L., WITH A SUBMERGED FILL PIPE, AND VENTED TO THE VINEGAR PLANT SCRUBBER.

Conditions:

1. OPERATION OF THIS EQUIPMENT MUST 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 MUST 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 AN OPERATING PERMIT BY THE EXECUTIVE OFFICER.
   [RULE 1303(a)(1)-BACT]

4. THIS TANK SHALL NOT BE USED FOR STORING ORGANIC LIQUID HAVING A VAPOR PRESSURE OF 1.5 PSIA OR GREATER UNDER ACTUAL STORAGE CONDITIONS.
   [RULE 1303(b)(2)-OFFSET]

FACILITY PERMIT TO OPERATE
MIZKAN AMERICAS, INC.

PERMIT TO OPERATE

Permit No. D91178
A/N 280462

Equipment Description

BOILER, FULTON, VERTICAL TUBELESS STEAM TYPE, MODEL NO. ICS-LN-100, 3,350,000 BTU PER HOUR, WITH A FULTON NATURAL GAS FIRED HIGH VELOCITY PREMIX LOW NO_X BURNER, AND A 2 H.P. COMBUSTION AIR BLOWER.

Conditions:

1. OPERATION OF THIS EQUIPMENT MUST 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 MUST BE PROPERLY MAINTAINED AND KEPT IN GOOD OPERATING CONDITION AT ALL TIMES.
[RULE 204]

3. THIS BOILER SHALL BE FIRED WITH NATURAL GAS ONLY.
[RULE 1303(a)(1)-BACT]

4. THE BOILER SHALL EMIT NO MORE THAN 30 PPM OF OXIDES OF NITROGEN (NOX), CALCULATED AS NO2, AND NO MORE THAN 400 PPM OF CARBON MONOXIDE (CO), ALL MEASURED BY VOLUME ON A DRY BASIS AT 3% O2.
[RULE 1146.1]

5. THE BURNER SHALL BE EQUIPPED WITH A CONTROL SYSTEM TO AUTOMATICALLY REGULATE COMBUSTION AIR AND FUEL AS THE BOILER LOAD VARIES. THIS AUTOMATIC CONTROL SYSTEM SHALL BE ADJUSTED AND TUNED AT LEAST TWICE A YEAR ACCORDING TO MANUFACTURER'S SPECIFICATIONS TO ASSURE ITS ABILITY TO REPEAT THE SAME PERFORMANCE AT THE SAME FIRING RANGE.
[RULE 1146.1]

6. RECORDS OF SUCH ADJUSTMENTS, TUNE-UP AND CALIBRATION, AS STATED IN CONDITION NO. 5 SHALL BE KEPT FOR AT LEAST FIVE YEARS AND MADE AVAILABLE UPON REQUEST OF SCAQMD PERSONNEL.
[RULE 1146.1]

Periodic Monitoring:

7. THE OPERATOR SHALL DETERMINE COMPLIANCE WITH THE NOX AND CO 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 RULE 1146.1 CONCENTRATION

FACILITY PERMIT TO OPERATE
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LIMIT. 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:

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

CO:	2000 PPM, RULE 407
CO:	400 PPM, RULE 1146.1
NOX:	30 PPM, RULE 1146.1
PM:	0.1 gr/scf, RULE 409
PM:	RULE 404, SEE APPENDIX B FOR EMISSION LIMITS.

FACILITY PERMIT TO OPERATE
MIZKAN AMERICAS, INC.

PERMIT TO OPERATE

Permit No. D85823
A/N 294898

Equipment Description

STORAGE TANK, NO. F1, VINEGAR, 11'-0" DIA. X 20'-0" H., 14,400 GALLON CAPACITY

Conditions:

1. OPERATION OF THIS EQUIPMENT MUST 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 MUST BE PROPERLY MAINTAINED AND KEPT IN GOOD OPERATING CONDITION AT ALL TIMES.
[RULE 204]

FACILITY PERMIT TO OPERATE
MIZKAN AMERICAS, INC.

PERMIT TO OPERATE

Permit No. D85824
A/N 294899

Equipment Description

STORAGE TANK, NO. F2, VINEGAR, 11'-0" DIA. X 20'-0" H., 14,400 GALLON CAPACITY.

Conditions:

1. OPERATION OF THIS EQUIPMENT MUST 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 MUST BE PROPERLY MAINTAINED AND KEPT IN GOOD OPERATING CONDITION AT ALL TIMES.
[RULE 204]

FACILITY PERMIT TO OPERATE
MIZKAN AMERICAS, INC.

PERMIT TO OPERATE

Permit No. D85825
A/N 294901

Equipment Description

STORAGE TANK, NO. F3, VINEGAR, 11'-0" DIA. X 20'-0" H., 14,400 GALLON CAPACITY.

Conditions:

1. OPERATION OF THIS EQUIPMENT MUST 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 MUST BE PROPERLY MAINTAINED AND KEPT IN GOOD OPERATING CONDITION AT ALL TIMES.
[RULE 204]

FACILITY PERMIT TO OPERATE
MIZKAN AMERICAS, INC.

PERMIT TO OPERATE

Permit No. D85826
A/N 294904

Equipment Description

STORAGE TANK, NO. F4, VINEGAR, 11'-0" DIA. X 20'-0" H., 14,400 GALLON CAPACITY.

Conditions:

1. OPERATION OF THIS EQUIPMENT MUST 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 MUST BE PROPERLY MAINTAINED AND KEPT IN GOOD OPERATING CONDITION AT ALL TIMES.
[RULE 204]

FACILITY PERMIT TO OPERATE
MIZKAN AMERICAS, INC.

PERMIT TO OPERATE

Permit No. D85827
A/N 294906

Equipment Description

STORAGE TANK, NO. H1, VINEGAR, 11'-0" DIA. X 19'-0" H., 12,000 GALLON CAPACITY.

Conditions:

1. OPERATION OF THIS EQUIPMENT MUST 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 MUST BE PROPERLY MAINTAINED AND KEPT IN GOOD OPERATING CONDITION AT ALL TIMES.
[RULE 204]

FACILITY PERMIT TO OPERATE
MIZKAN AMERICAS, INC.

PERMIT TO OPERATE

Permit No. D85828
A/N 294907

Equipment Description

STORAGE TANK, NO. H2, VINEGAR, 11'-0" DIA. X 19'-0" H., 12,000 GALLON CAPACITY.

Conditions:

1. OPERATION OF THIS EQUIPMENT MUST 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 MUST BE PROPERLY MAINTAINED AND KEPT IN GOOD OPERATING CONDITION AT ALL TIMES.
[RULE 204]

FACILITY PERMIT TO OPERATE
MIZKAN AMERICAS, INC.

PERMIT TO OPERATE

Permit No. F5859
A/N 324051

Equipment Description

BOILER, FULTON, VERTICAL TUBELESS TYPE, MODEL NO. ICS 100, SERIAL NO. 78116, RATED AT 4,200,000 BTU PER HOUR, WITH A FULTON BOILER WORKS, NATURAL GAS FIRED, HIGH VELOCITY PREMIX LOW NO_X BURNER, AND ONE 5 HP. COMBUSTION AIR BLOWER.

Conditions:

1. OPERATION OF THIS EQUIPMENT MUST 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 MUST BE PROPERLY MAINTAINED AND KEPT IN GOOD OPERATING CONDITION AT ALL TIMES.
[RULE 204]

3. THIS EQUIPMENT SHALL ONLY BE FIRED WITH NATURAL GAS.
[RULE 1303(a)(1)-BACT]

4. THIS EQUIPMENT SHALL EMIT NO MORE THAN 30 PPM OF NITROGEN OXIDES (NO_X), CALCULATED AS NO2, AND 400 PPM CARBON MONOXIDE (CO), ALL MEASURED BY VOLUME ON A DRY BASIS AT 3 PERCENT OXYGEN.
[RULE 1146.1]

5. THIS FACILITY SHALL NOT EMIT MORE THAN FOUR TONS OF OXIDES OF NITROGEN IN ANY CALENDAR YEAR.
[RULE 1303(b)(2)-OFFSET]

6. THE BURNER SHALL BE EQUIPPED WITH A CONTROL SYSTEM CONSISTING OF LINKAGES, RODS, CAMS AND MOTORS TO (AUTOMATICALLY) REGULATE COMBUSTION AIR AND FUEL AS THE BOILER LOAD VARIES. THIS (AUTOMATIC) CONTROL SYSTEM SHALL BE ADJUSTED AND TUNED ACCORDING TO THE MANUFACTURER'S SPECIFICATIONS TO MAINTAIN ITS ABILITY TO REPEAT THE SAME PERFORMANCE AT THE SAME FIRING RATE.
[RULE 1146.1]

7. RECORDS OF SUCH ADJUSTMENTS, TUNE-UP AND CALIBRATION, AS STATED IN CONDITION NO. 6 SHALL BE KEPT FOR AT LEAST FIVE YEARS AND MADE AVAILABLE UPON REQUEST OF SCAQMD PERSONNEL.
[RULE 1146.1]

FACILITY PERMIT TO OPERATE
MIZKAN AMERICAS, INC.

Periodic Monitoring:

8. THE OPERATOR SHALL DETERMINE COMPLIANCE WITH THE NOX AND CO 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 RULE 1146.1 CONCENTRATION LIMIT. 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:

CO:	2000 PPM, RULE 407
CO:	400 PPM, RULE 1146.1
NOX:	30 PPM, RULE 1146.1
PM:	0.1 gr/scf, RULE 409
PM:	RULE 404, SEE APPENDIX B FOR EMISSION LIMITS.

FACILITY PERMIT TO OPERATE
MIZKAN AMERICAS, INC.

PERMIT TO OPERATE

Permit No. F61939
A/N 349633

Equipment Description

AIR POLLUTION CONTROL SYSTEM CONSISTING OF:

1. SCRUBBER, PACKED COLUMN TYPE, BRANCH ENVIRONMENTAL, MODEL NO. 24TX20H, 2' DIA. X 27' H., WITH 20' OF 1" HIGH FLOW POLYPROPYLENE PACKING AND A PVC CHEVRON MIST ELIMINATOR.

2. EXHAUST SYSTEM WITH A 7.5-HP BLOWER VENTING ONE ALCOHOL STORAGE TANK AND SIX FOAM KNOCK-OUT TANKS OF THE VINEGAR MANUFACTURING SYSTEM.

3. EFFLUENT SURGE TANKS 311 AND 311A, 30,000 GALLON CAPACITY EACH.

Conditions:

1. OPERATION OF THIS EQUIPMENT MUST 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 MUST BE PROPERLY MAINTAINED AND KEPT IN GOOD OPERATING CONDITION AT ALL TIMES.
[RULE 204]

Periodic Monitoring:

3. THE OPERATOR SHALL USE THIS EQUIPMENT IN SUCH A MANNER THAT THE FLOW RATE OF THE SCRUBBING SOLUTION IS NOT LESS THAN 10 GPM. TO COMPLY WITH THIS CONDITION THE OPERATOR SHALL INSTALL AND MAINTAIN A FLOW METER TO ACCURATELY INDICATE THE FLOW RATE OF THE SCRUBBING SOLUTION. THE OPERATOR SHALL DETERMINE AND RECORD THE PARAMETER BEING MONITORED ONCE EVERY DAY.
[RULE 3004(a)(4)]

FACILITY PERMIT TO OPERATE
MIZKAN AMERICAS, INC.

PERMIT TO OPERATE

Permit No. F63391
A/N 417699

Equipment Description

STORAGE TANK R-316, 15'-0" DIA. x 16'-0" H., 21,633-GALLON CAPACITY, WITH A 0.5 OZ. PRESSURE RELIEF VALVE

Conditions:

1. OPERATION OF THIS EQUIPMENT MUST 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 MUST BE PROPERLY MAINTAINED AND KEPT IN GOOD OPERATING CONDITION AT ALL TIMES.
[RULE 204]

3. THE ORGANIC VAPOR PRESSURE OF THE MATERIALS LOADED INTO THIS UNHEATED TANK SHALL NOT EXCEED 3.7 MM HG ABSOLUTE (0.072 PSIA) AT 21.1 DEG C (70 DEG F).
[RULE 1303(b)(2)-OFFSET]

4. THE OPERATOR SHALL MAINTAIN RECORDS TO DEMONSTRATE COMPLIANCE WITH CONDITION NO. 3 IN A FORMAT APPROVED BY THE DISTRICT. THE RECORDS SHALL BE RETAINED ON THE PREMISES FOR AT LEAST FIVE YEARS AND BE MADE AVAILABLE TO DISTRICT PERSONNEL ON REQUEST.
[RULE 1303(b)(2)-OFFSET]

FACILITY PERMIT TO OPERATE
MIZKAN AMERICAS, INC.

PERMIT TO OPERATE

Permit No. F63392
A/N 417700

Equipment Description

STORAGE TANK R-317, 15'-0" DIA. x 16'-0" H., 21,633-GALLON CAPACITY, WITH A 0.5 OZ. PRESSURE RELIEF VALVE

Conditions:

1. OPERATION OF THIS EQUIPMENT MUST 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 MUST BE PROPERLY MAINTAINED AND KEPT IN GOOD OPERATING CONDITION AT ALL TIMES.
[RULE 204]

3. THE ORGANIC VAPOR PRESSURE OF THE MATERIALS LOADED INTO THIS UNHEATED TANK SHALL NOT EXCEED 3.7 MM HG ABSOLUTE (0.072 PSIA) AT 21.1 DEG C (70 DEG F).
[RULE 1303(b)(2)-OFFSET]

4. THE OPERATOR SHALL MAINTAIN RECORDS TO DEMONSTRATE COMPLIANCE WITH CONDITION NO. 3 IN A FORMAT APPROVED BY THE DISTRICT. THE RECORDS SHALL BE RETAINED ON THE PREMISES FOR AT LEAST FIVE YEARS AND BE MADE AVAILABLE TO DISTRICT PERSONNEL ON REQUEST.
[RULE 1303(b)(2)-OFFSET]

FACILITY PERMIT TO OPERATE
MIZKAN AMERICAS, INC.

PERMIT TO OPERATE

Permit No. F63393
A/N 417701

Equipment Description

STORAGE TANK R-318, 15'-0" DIA. x 16'-0" H., 21,633-GALLON CAPACITY, WITH A 0.5 OZ. PRESSURE RELIEF VALVE

Conditions:

1. OPERATION OF THIS EQUIPMENT MUST 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 MUST BE PROPERLY MAINTAINED AND KEPT IN GOOD OPERATING CONDITION AT ALL TIMES.
[RULE 204]

3. THE ORGANIC VAPOR PRESSURE OF THE MATERIALS LOADED INTO THIS UNHEATED TANK SHALL NOT EXCEED 3.7 MM HG ABSOLUTE (0.072 PSIA) AT 21.1 DEG C (70 DEG F).
[RULE 1303(b)(2)-OFFSET]

4. THE OPERATOR SHALL MAINTAIN RECORDS TO DEMONSTRATE COMPLIANCE WITH CONDITION NO. 3 IN A FORMAT APPROVED BY THE DISTRICT. THE RECORDS SHALL BE RETAINED ON THE PREMISES FOR AT LEAST FIVE YEARS AND BE MADE AVAILABLE TO DISTRICT PERSONNEL ON REQUEST.
[RULE 1303(b)(2)-OFFSET]

FACILITY PERMIT TO OPERATE
MIZKAN AMERICAS, INC.

PERMIT TO OPERATE

Permit No. F63403
A/N 417702

Equipment Description

STORAGE TANK R-319, 15'-0" DIA. x 16'-0" H., 21,633-GALLON CAPACITY, WITH A 0.5 OZ. PRESSURE RELIEF VALVE

Conditions:

1. OPERATION OF THIS EQUIPMENT MUST 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 MUST BE PROPERLY MAINTAINED AND KEPT IN GOOD OPERATING CONDITION AT ALL TIMES.
[RULE 204]

3. THE ORGANIC VAPOR PRESSURE OF THE MATERIALS LOADED INTO THIS UNHEATED TANK SHALL NOT EXCEED 3.7 MM HG ABSOLUTE (0.072 PSIA) AT 21.1 DEG C (70 DEG F).
[RULE 1303(b)(2)-OFFSET]

4. THE OPERATOR SHALL MAINTAIN RECORDS TO DEMONSTRATE COMPLIANCE WITH CONDITION NO. 3 IN A FORMAT APPROVED BY THE DISTRICT. THE RECORDS SHALL BE RETAINED ON THE PREMISES FOR AT LEAST FIVE YEARS AND BE MADE AVAILABLE TO DISTRICT PERSONNEL ON REQUEST.
[RULE 1303(b)(2)-OFFSET]

FACILITY PERMIT TO OPERATE
MIZKAN AMERICAS, INC.

PERMIT TO OPERATE

Permit No. F63404
A/N 417703

Equipment Description

STORAGE TANK R-320, 15'-0" DIA. x 16'-0" H., 21,633-GALLON CAPACITY, WITH A 0.5 OZ. PRESSURE RELIEF VALVE

Conditions:

1. OPERATION OF THIS EQUIPMENT MUST 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 MUST BE PROPERLY MAINTAINED AND KEPT IN GOOD OPERATING CONDITION AT ALL TIMES.
[RULE 204]

3. THE ORGANIC VAPOR PRESSURE OF THE MATERIALS LOADED INTO THIS TANK SHALL NOT EXCEED 3.7 MM HG ABSOLUTE (0.072 PSIA) AT 21.1 DEG C (70 DEG F).
[RULE 1303(b)(2)-OFFSET]

4. THE OPERATOR SHALL MAINTAIN RECORDS TO DEMONSTRATE COMPLIANCE WITH CONDITION NO. 3 IN A FORMAT APPROVED BY THE DISTRICT. THE RECORDS SHALL BE RETAINED ON THE PREMISES FOR AT LEAST FIVE YEARS AND BE MADE AVAILABLE TO DISTRICT PERSONNEL ON REQUEST.
[RULE 1303(b)(2)-OFFSET]

FACILITY PERMIT TO OPERATE
MIZKAN AMERICAS, INC.

PERMIT TO OPERATE

Permit No. F63405
A/N 417704

Equipment Description

STORAGE TANK R-512, 13'-6" DIA. x 30'-0" H., 30,000-GALLON CAPACITY

Conditions:

1. OPERATION OF THIS EQUIPMENT MUST 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 MUST BE PROPERLY MAINTAINED AND KEPT IN GOOD OPERATING CONDITION AT ALL TIMES.
[RULE 204]

3. THE ORGANIC VAPOR PRESSURE OF THE MATERIALS LOADED INTO THIS TANK SHALL NOT EXCEED 3.7 MM HG ABSOLUTE (0.072 PSIA) AT 21.1 DEG C (70 DEG F).
[RULE 1303(b)(2)-OFFSET]

4. THE OPERATOR SHALL MAINTAIN RECORDS TO DEMONSTRATE COMPLIANCE WITH CONDITION NO. 3 IN A FORMAT APPROVED BY THE DISTRICT. THE RECORDS SHALL BE RETAINED ON THE PREMISES FOR AT LEAST FIVE YEARS AND BE MADE AVAILABLE TO DISTRICT PERSONNEL ON REQUEST.
[RULE 1303(b)(2)-OFFSET]

FACILITY PERMIT TO OPERATE
MIZKAN AMERICAS, INC.

PERMIT TO OPERATE

Permit No. F63406
A/N 417705

Equipment Description

STORAGE TANK R-513, 10'-0" DIA. x 16'-0" H., 10,000-GALLON CAPACITY

Conditions:

1. OPERATION OF THIS EQUIPMENT MUST 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 MUST BE PROPERLY MAINTAINED AND KEPT IN GOOD OPERATING CONDITION AT ALL TIMES.
[RULE 204]

3. THE ORGANIC MATERIALS LOADED INTO THIS TANK SHALL NOT EXCEED 93,600 GALLONS IN ANY ONE MONTH.
[RULE 1303(b)(2)-OFFSET]

4. THE ORGANIC VAPOR PRESSURE OF THE MATERIALS LOADED INTO THIS UNHEATED TANK SHALL NOT EXCEED 7 MM HG ABSOLUTE (0.135 PSIA) AT 21.1 DEG C (70 DEG F).
[RULE 1303(b)(2)-OFFSET]

5. THE OPERATOR SHALL MAINTAIN RECORDS TO DEMONSTRATE COMPLIANCE WITH CONDITION NOS. 3 AND 4 IN A FORMAT APPROVED BY THE DISTRICT. THE RECORDS SHALL BE RETAINED ON THE PREMISES FOR AT LEAST FIVE YEARS AND BE MADE AVAILABLE TO DISTRICT PERSONNEL ON REQUEST.
[RULE 1303(b)(2)-OFFSET]

FACILITY PERMIT TO OPERATE
MIZKAN AMERICAS, INC.

PERMIT TO OPERATE

Permit No. F63407
A/N 417706

Equipment Description

STORAGE TANK R-514, 10'-0" DIA. x 16'-0" H., 10,000-GALLON CAPACITY

Conditions:

1. OPERATION OF THIS EQUIPMENT MUST 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 MUST BE PROPERLY MAINTAINED AND KEPT IN GOOD OPERATING CONDITION AT ALL TIMES.
[RULE 204]

3. THE ORGANIC MATERIALS LOADED INTO THIS TANK SHALL NOT EXCEED 93,600 GALLONS IN ANY ONE MONTH.
[RULE 1303(b)(2)-OFFSET]

4. THE ORGANIC VAPOR PRESSURE OF THE MATERIALS LOADED INTO THIS UNHEATED TANK SHALL NOT EXCEED 7 MM HG ABSOLUTE (0.135 PSIA) AT 21.1 DEG C (70 DEG F).
[RULE 1303(b)(2)-OFFSET]

5. THE OPERATOR SHALL MAINTAIN RECORDS TO DEMONSTRATE COMPLIANCE WITH CONDITION NOS. 3 AND 4 IN A FORMAT APPROVED BY THE DISTRICT. THE RECORDS SHALL BE RETAINED ON THE PREMISES FOR AT LEAST FIVE YEARS AND BE MADE AVAILABLE TO DISTRICT PERSONNEL ON REQUEST.
[RULE 1303(b)(2)-OFFSET]

FACILITY PERMIT TO OPERATE
MIZKAN AMERICAS, INC.

PERMIT TO OPERATE

Permit No. F63408
A/N 417707

Equipment Description

STORAGE TANK R-516, 14'-0" DIA. x 16'-0" H., 18,500-GALLON CAPACITY

Conditions:

1. OPERATION OF THIS EQUIPMENT MUST 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 MUST BE PROPERLY MAINTAINED AND KEPT IN GOOD OPERATING CONDITION AT ALL TIMES.
[RULE 204]

3. THE ORGANIC VAPOR PRESSURE OF THE MATERIALS LOADED INTO THIS TANK SHALL NOT EXCEED 3.7 MM HG ABSOLUTE (0.072 PSIA) AT 21.1 DEG C (70 DEG F).
[RULE 1303(b)(2)-OFFSET]

4. THE OPERATOR SHALL MAINTAIN RECORDS TO DEMONSTRATE COMPLIANCE WITH CONDITION NO. 3 IN A FORMAT APPROVED BY THE DISTRICT. THE RECORDS SHALL BE RETAINED ON THE PREMISES FOR AT LEAST FIVE YEARS AND BE MADE AVAILABLE TO DISTRICT PERSONNEL ON REQUEST.
[RULE 1303(b)(2)-OFFSET]

FACILITY PERMIT TO OPERATE
MIZKAN AMERICAS, INC.

PERMIT TO OPERATE

Permit No. F63409
A/N 417708

Equipment Description

STORAGE TANK R-517, 14'-0" DIA. x 16'-0" H., 18,500-GALLON CAPACITY

Conditions:

1. OPERATION OF THIS EQUIPMENT MUST 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 MUST BE PROPERLY MAINTAINED AND KEPT IN GOOD OPERATING CONDITION AT ALL TIMES.
[RULE 204]

3. THE ORGANIC VAPOR PRESSURE OF THE MATERIALS LOADED INTO THIS TANK SHALL NOT EXCEED 3.7 MM HG ABSOLUTE (0.072 PSIA) AT 21.1 DEG C (70 DEG F).
[RULE 1303(b)(2)-OFFSET]

4. THE OPERATOR SHALL MAINTAIN RECORDS TO DEMONSTRATE COMPLIANCE WITH CONDITION NO. 3 IN A FORMAT APPROVED BY THE DISTRICT. THE RECORDS SHALL BE RETAINED ON THE PREMISES FOR AT LEAST TWO YEARS AND BE MADE AVAILABLE TO DISTRICT PERSONNEL ON REQUEST.
[RULE 1303(b)(2)-OFFSET]

FACILITY PERMIT TO OPERATE
MIZKAN AMERICAS, INC.

PERMIT TO OPERATE

Permit No. F91703
A/N 472495

Equipment Description

INTERNAL COMBUSTION ENGINE, CUMMINS, MODEL QSX15-G9, SERIAL NO. G070082925, DIESEL FUELED, SIX CYLINDERS, TURBOCHARGED/AFTERCOOLED, RATED AT 755 B.H.P., DRIVING AN EMERGENCY ELECTRICAL GENERATOR.

Conditions:

1. OPERATION OF THIS EQUIPMENT MUST 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 MUST BE PROPERLY MAINTAINED AND KEPT IN GOOD OPERATING CONDITION AT ALL TIMES.
[RULE 204]

3. DIESEL FUEL SUPPLIED TO THIS ENGINE SHALL HAVE A SULFUR CONTENT OF LESS THAN 15 PPM BY WEIGHT.
[RULE 431.2]

4. 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]

Periodic Monitoring:

5. THE OPERATOR SHALL INSTALL AND MAINTAIN A NON-RESETABLE ELAPSED TIME METER TO ACCURATELY INDICATE THE ELAPSED OPERATING TIME OF THE ENGINE.
[RULE 3004 (a)(4)]

6. THIS EQUIPMENT SHALL NOT BE OPERATED 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 3004(a)(4)]

FACILITY PERMIT TO OPERATE
MIZKAN AMERICAS, INC.

7. AN ENGINE OPERATING LOG SHALL BE KEPT AND MAINTAINED ON FILE TO RECORD WHEN THIS ENGINE IS STARTED MANUALLY. THE LOG SHALL LIST THE DATE OF OPERATION, THE TIMER READING IN HOURS AT THE BEGINNING AND END OF OPERATION, AND THE REASON FOR OPERATION. BY JANUARY 15TH OF EACH YEAR, THE OPERATOR SHALL TOTAL AND RECORD THE TOTAL HOURS OF OPERATION (INCLUDING HOURS FOR BOTH MANUAL OPERATION AND AUTOMATIC OPERATION) FOR THE PREVIOUS CALENDAR YEAR. [RULE 3004(a)(4)]

8. THE OPERATOR SHALL CONDUCT AN INSPECTION FOR VISIBLE EMISSIONS FROM ALL STACKS AND OTHER EMISSION POINTS OF THIS EQUIPMENT WHENEVER THERE IS A PUBLIC COMPLAINT OF VISIBLE EMISSIONS, WHENEVER VISIBLE EMISSIONS ARE OBSERVED, AND ON A SEMI-ANNUAL BASIS, AT LEAST, UNLESS THE EQUIPMENT DID NOT OPERATE DURING THE ENTIRE SEMI-ANNUAL PERIOD. THE ROUTINE SEMI-ANNUAL INSPECTION SHALL BE CONDUCTED WHILE THE EQUIPMENT IS IN OPERATION AND DURING DAYLIGHT HOURS. IF ANY VISIBLE EMISSIONS (NOT INCLUDING CONDENSED WATER VAPOR) ARE DETECTED THAT LAST MORE THAN THREE MINUTES IN ANY ONE-HOUR, THE OPERATOR SHALL EITHER:

   A. VERIFY AND CERTIFY WITHIN 24 HOURS THAT THE EQUIPMENT CAUSING THE EMISSION AND ANY ASSOCIATED AIR POLLUTION CONTROL EQUIPMENT ARE OPERATING NORMALLY ACCORDING TO THEIR DESIGN AND STANDARD PROCEDURES AND UNDER THE SAME CONDITIONS UNDER WHICH COMPLIANCE WAS ACHIEVED IN THE PAST;

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

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

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

   D. STACK OR EMISSION POINT IDENTIFICATION;

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

   F. DATE AND TIME VISIBLE EMISSION WAS ABATED; AND

   G. VISIBLE EMISSION OBSERVATION RECORDED BY A CERTIFIED SMOKE READER. [RULE 3004 (a)(4)]

FACILITY PERMIT TO OPERATE
MIZKAN AMERICAS, INC.

PERMIT TO OPERATE

Permit No. F89346
A/N 428237

Equipment Description

RICE RECEIVING, STORAGE, AND HANDLING SYSTEM CONSISTING OF:

1. UNLOADING CONVEYOR, 1'-10" W. X 44'-0" L., 5 HP.
2. BUCKET ELEVATOR, 8" W. X 52'-0" L., 3 HP.
3. SCREW CONVEYOR, 1'-6" W. X 95'-0" L., 7.5 HP.
4. STORAGE SILO, 1,400 CUBIC FEET CAPACITY WITH A FILTER VENT, 88 SQUARE FEET TOTAL FILTER AREA.

Conditions:

1. OPERATION OF THIS EQUIPMENT MUST 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 MUST BE PROPERLY MAINTAINED AND KEPT IN GOOD OPERATING CONDITION AT ALL TIMES.
[RULE 204]

3. THE TOTAL QUANTITY OF MATERIAL PROCESSED IN THE STORAGE SILO SHALL NOT EXCEED 53,000 POUNDS IN ANY ONE DAY.
[RULE 1303(b)(2)-OFFSET]

4. THE OPERATOR SHALL MAINTAIN ADEQUATE RECORDS TO VERIFY COMPLIANCE WITH CONDITION NO. 3 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 1303(b)(2)-OFFSET]

FACILITY PERMIT TO OPERATE
MIZKAN AMERICAS, INC.

PERMIT TO OPERATE

Permit No. F83895
A/N 454803

Equipment Description

BOILER, FULTON, MODEL NO. VMP-100-LE, NATURAL GAS FIRED, WITH ONE LOW NOX BURNER, FULTON, 3,450,000 BTU PER HOUR AND ONE 7.5 HP. COMBUSTION AIR BLOWER.

Conditions:

1. OPERATION OF THIS EQUIPMENT MUST 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 MUST BE PROPERLY MAINTAINED AND KEPT IN GOOD OPERATING CONDITION AT ALL TIMES.
[RULE 204]

3. THIS EQUIPMENT SHALL COMPLY WITH RULE 1146.1.
[RULE 1146.1]

4. THIS EQUIPMENT SHALL ONLY BE FIRED WITH NATURAL GAS.
[RULE 1303(a)(1)-BACT]

5. THIS EQUIPMENT SHALL EMIT NO MORE THAN 12 PPM OF NITROGEN OXIDES (NO_X), CALCULATED AS NO2, AND 50 PPM CARBON MONOXIDE (CO), ALL MEASURED BY VOLUME ON A DRY BASIS AT 3 PERCENT OXYGEN.
[RULE 1303(a)(1)-BACT]

6. THIS FACILITY SHALL NOT EMIT MORE THAN FOUR TONS OF OXIDES OF NITROGEN IN ANY CALENDAR YEAR.
[RULE 1303(b)(2)-OFFSET]

Periodic Monitoring:

7. THE OPERATOR SHALL DETERMINE COMPLIANCE WITH THE NOX AND CO 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 RULE 1146.1 CONCENTRATION LIMIT. THE OPERATOR SHALL COMPLY WITH ALL GENERAL TESTING, REPORTING, AND RECORDKEEPING REQUIREMENTS IN SECTIONS E AND K OF THIS PERMIT.
[RULE 3004(a)(4)]

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Emissions And Requirements:

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

CO:	2000 PPM, RULE 407
CO:	400 PPM, RULE 1146.1
NOX:	30 PPM, RULE 1146.1
PM:	0.1 gr/scf, RULE 409
PM:	RULE 404, SEE APPENDIX B FOR EMISSION LIMITS.

FACILITY PERMIT TO OPERATE
MIZKAN AMERICAS, INC.

PERMIT TO CONSTRUCT

Permit No.
A/N 417092

Equipment Description

MODIFICATION TO EXISTING VINEGAR MANUFACTURING SYSTEM (PERMIT NO. F61938), BY VENTING THE KOSHER ACETATORS TO THE NEW KOSHER SCRUBBER (APPLICATION NO. 417093) AND THE NON-KOSHER ACETATORS TO THE NEW NON-KOSHER SCRUBBER (APPLICATION NO. 417094). AFTER THE MODIFICATION, THE MANUFACTURING SYSTEM WILL CONSIST OF:

1. ACETATOR, NO. A6, FRINGS, MODEL 600, 8,000 GALLON CAPACITY, WITH A 20 H.P. AERATOR/AGITATOR AND A 4.5 H.P. RING COMPRESSOR.

2. ACETATORS NOS. A1, A2, AND A5, EACH, FRINGS, MODEL 1200, 16,000 GALLON CAPACITY, WITH A 40 H.P. AERATOR/AGITATOR AND A 10 H.P. RING COMPRESSOR.

3. ACETATORS NOS. A3 AND A4, EACH, FRINGS, MODEL 1200, 16,000 GALLON CAPACITY, WITH A 30 H.P. AERATOR/AGITATOR AND A 10 H.P. RING COMPRESSOR.

4. SIX NUTRIENT MIX TANKS, EACH 55-GALLON. TWO NUTRIENT MIX TANKS, EACH 150-GALLON.

5. FOAM KNOCK-OUT TANK F-200, SERVICING ACETATORS NOS. A1 THROUGH A5, 12,000-GALLON CAPACITY. FOAM KNOCK-OUT TANK F-600 SERVICING ACETATOR NO. A6, 4,500-GALLON CAPACITY. FOAM KNOCK-OUT TANK F-300 SERVICING ACETATOR NO. A3, 3000-GALLON CAPACITY. FOAM KNOCK- OUT TANK F-400 SERVICING ACETATOR NO. A4, 3000-GALLON CAPACITY. FOAM KNOCK-OUT TANK F-700 SERVICING ACETATOR NO. A8, 1100-GALLON CAPACITY. FOAM KNOCK-OUT TANK F-800 SERVICING ACETATOR NO. A7, 3100-GALLON CAPACITY.

6. EARTH MIX TANK, 250-GALLON CAPACITY, WITH A MIXER AND A FILTER PUMP.

7. FILTER, NIAGRA, DIATOMACEOUS EARTH TYPE.

8. ACETATOR, NO. A7, FRINGS MODEL 300, 3500 GALLON CAPACITY, WITH A 7.5-H.P. AERATOR/AGITATOR.

9. ACETATOR, NO. A8, FRINGS MODEL 50, 1200 GALLON CAPACITY, WITH A 7.5-H.P. AERATOR/AGITATOR.

Conditions:

1. OPERATION OF THIS EQUIPMENT MUST 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]

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

3. THE WHITE DISTILLED VINEGAR SHALL BE PRODUCED IN ACETATORS NOS. A1, A2, A3, A4, AND A5 BY THE ALCOHOL INJECTION METHOD ONLY, AND NOT BY THE BATCH METHOD.
[RULE 204]

4. ACETATORS NOS. A1, A2, A3, A4, AND A5 SHALL NOT BE OPERATED UNLESS VENTED ONLY TO THE KOSHER SCRUBBER (APPLICATION NO. 417093) WHICH IS IN FULL USE AND WHICH HAS BEEN ISSUED AN OPERATING PERMIT BY THE EXECUTIVE OFFICER.
[RULE 1303(a)(1)-BACT]

5. ACETATORS NOS. A6, A7, AND A8 SHALL NOT BE OPERATED UNLESS VENTED ONLY TO THE NON-KOSHER SCRUBBER (APPLICATION NO. 417094) WHICH IS IN FULL USE AND WHICH HAS BEEN ISSUED AN OPERATING PERMIT BY THE EXECUTIVE OFFICER.
[RULE 1303(a)(1)-BACT]

6. THIS EQUIPMENT SHALL PRODUCE NO MORE THAN 1,080,000 GALLONS OF 158 GRAIN (15.8% ACETIC ACID) VOLUME EQUIVALENT VINEGAR IN ANY 30-DAY PERIOD. THE PRODUCTION VOLUMES OF ALL VINEGAR PRODUCED IN THIS EQUIPMENT SHALL BE CONVERTED TO A VOLUME EQUIVALENT AT 158 GRAIN ACETIC ACID.
[RULE 1303(b)(2)-OFFSET]

7. MAXIMUM EMISSIONS SHALL NOT EXCEED 1,332 LBS VOC EMISSIONS IN ANY 30-DAY PERIOD.
[RULE 1303(b)(2)-OFFSET]

8. RECORDS SHALL BE MAINTAINED BY THE OPERATOR TO DEMONSTRATE COMPLIANCE WITH CONDITION NO. 6. SUCH RECORDS SHALL BE KEPT FOR A PERIOD OF AT LEAST FIVE YEARS AND BE MADE AVAILABLE TO AQMD PERSONNEL UPON REQUEST.
[RULE 1303(b)(2)-OFFSET]

Emissions And Requirements:

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

   VOC: RULE 109

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PERMIT TO CONSTRUCT

Permit No.
A/N 417093

Equipment Description

AIR POLLUTION CONTROL SYSTEM CONSISTING OF:

1. KOSHER SCRUBBER, PACKED COLUMN TYPE, BRANCH ENVIRONMENTAL, MODEL NO. 20T30H., 1'-8" DIA. X 37'-0" H., WITH 30' OF 1" HIFLOW POLYPROPYLENE PACKING AND A PVC CHEVRON MIST ELIMINATOR.

2. EXHAUST SYSTEM WITH A 7.5 HP. BLOWER VENTING ONE ALCOHOL STORAGE TANK (PERMIT NO. M57432), AND THE THREE FOAM KNOCK-OUT TANKS, F-200, F-300, AND F-400, SERVICING ACETATORS NOS. A1, A2, A3, A4, AND A5, OF THE VINEGAR MANUFACTURING SYSTEM (APPLICATION NO. 348047).

3. EFFLUENT SURGE TANKS 311 AND 311A, 30,000 GALLON CAPACITY EACH.

Conditions:

1. OPERATION OF THIS EQUIPMENT MUST 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 MUST BE PROPERLY MAINTAINED AND KEPT IN GOOD OPERATING CONDITION AT ALL TIMES.
[RULE 204]

3. AN ALARM AND INTERLOCK SHALL BE INSTALLED AND MAINTAINED TO ENSURE THAT THE SCRUBBER EXHAUST BLOWER IS IN OPERATION WHEN THE ACETATORS ARE IN OPERATION.
[RULE 1303(a)(1)-BACT]

4. THE OWNER OR OPERATOR OF THIS EQUIPMENT SHALL CONDUCT PERFORMANCE TESTS UNDER THE FOLLOWING CONDITIONS:

   PERFORMANCE TESTING SHALL BE CONDUCTED WITHIN 180 DAYS AFTER THE START-UP OF THIS SCRUBBER, UNLESS OTHERWISE APPROVED IN WRITING BY THE EXECUTIVE OFFICER.

   A. THE PERFORMANCE TESTS SHALL BE PERFORMED TO DETERMINE EMISSIONS OFFSET REQUIREMENTS FOR THE VINEGAR MANUFACTURING SYSTEM PER RULE 1303(b)(2).

   B. THE PERFORMANCE TESTS SHALL BE CONDUCTED ON THIS SCRUBBER WHILE ACETATORS NOS. A1, A2, A3, A4, AND A5 ARE PRODUCING WHITE DISTILLED VINEGAR USING THE ALCOHOL INJECTION METHOD AND OPERATING AT THE MAXIMUM PRODUCTION RATE.

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C. THE PERFORMANCE TESTS SHALL MEASURE, BUT NOT BE LIMITED TO, THE FOLLOWING:

I. THE ETHANOL, ACETIC ACID, ETHYL ACETATE, AND ACETALDEHYDE EMISSIONS, IN PPMV AND POUNDS PER HOUR, AT THE INLET AND EXIT OF THIS SCRUBBER.

II. THE AMOUNT OF TOTAL VOC EMISSIONS, IN POUNDS PER HOUR, AT THE INLET AND EXIT OF THIS SCRUBBER.

D. DURING THE PERFORMANCE TEST, THE OPERATING CONDITIONS THAT ARE MONITORED SHALL INCLUDE, BUT NOT BE LIMITED TO, THE FOLLOWING:

I. THE TOTAL AIR FLOW RATE THROUGH ACETATORS NOS. A1, A2, A3, A4, AND A5.

II. THE PRODUCTION RATES IN GALLONS OF 158 GRAIN VOLUME EQUIVALENT FOR ACETATORS NOS. A1, A2, A3, A4, AND A5.

III. THE FRESH WATER FLOW RATE THROUGH THE SCRUBBER.
[RULE 1303(b)(2)-OFFSET]

5. A PROTOCOL FOR THE PERFORMANCE TESTS SHALL BE SUBMITTED FOR APPROVAL TO THE DISTRICT AT LEAST 60 DAYS PRIOR TO TESTING. THE PROTOCOL SHALL INCLUDE SAMPLING AND TEST METHODS AND A LIST OF OPERATING CONDITIONS TO BE MONITORED DURING THE PERFORMANCE TEST.
[RULE 1303(b)(2)-OFFSET]

6. SOURCE TEST NOTIFICATION SHALL BE SUBMITTED IN WRITING TO THE DISTRICT AT LEAST 14 DAYS PRIOR TO TESTING SO THAT AN OBSERVER MAY BE PRESENT.
[RULE 1303(b)(2)-OFFSET]

7. TWO COMPLETE COPIES OF SOURCE TEST REPORTS SHALL BE SUBMITTED TO THE DISTRICT WITHIN 60 DAYS AFTER THE SOURCE TESTING DATE.
[RULE 1303(b)(2)-OFFSET]

8. 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 DISTRICT RULE 304 (NO CONFLICT OF INTEREST) SHALL CONDUCT THE TEST.
[RULE 304]

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

Periodic Monitoring:

10. THE OPERATOR SHALL USE THIS EQUIPMENT IN SUCH A MANNER THAT THE FLOW RATE OF THE SCRUBBING SOLUTION IS NOT LESS THAN 7 GPM. TO COMPLY WITH THIS CONDITION THE OPERATOR SHALL INSTALL AND MAINTAIN A FLOW METER TO ACCURATELY INDICATE THE

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FLOW RATE OF THE SCRUBBING SOLUTION. THE OPERATOR SHALL DETERMINE AND RECORD THE PARAMETER BEING MONITORED ONCE EVERY DAY.
[RULE 3004(a)(4)]

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PERMIT TO CONSTRUCT

Permit No.
A/N R-417094

Equipment Description

AIR POLLUTION CONTROL SYSTEM CONSISTING OF:

1. NON-KOSHER SCRUBBER, PACKED COLUMN TYPE, BRANCH ENVIRONMENTAL, MODEL NO. 10T30H, 10" DIA. X 37' H., WITH 30' OF 1" HIFLOW POLYPROPYLENE PACKING AND A PVC CHEVRON MIST ELIMINATOR.

2. EXHAUST SYSTEM WITH A 5–H.P. BLOWER VENTING THE THREE FOAM KNOCK-OUT TANKS, F-600, F-700, F-800, SERVICING ACETATORS NOS. A6, A7, AND A8 OF THE VINEGAR MANUFACTURING SYSTEM (APPLICATION NO. 348047).

3. EFFLUENT SURGE TANKS 321 AND 322, 7,800 GALLON CAPACITY EACH.

Conditions:

1. OPERATION OF THIS EQUIPMENT MUST 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 MUST BE PROPERLY MAINTAINED AND KEPT IN GOOD OPERATING CONDITION AT ALL TIMES.
[RULE 204]

3. AN ALARM AND INTERLOCK SHALL BE INSTALLED AND MAINTAINED TO ENSURE THAT THE SCRUBBER EXHAUST BLOWER IS IN OPERATION WHEN THE ACETATORS ARE IN OPERATION.
[RULE 1303(a)(1)-BACT]

4. THE OWNER OR OPERATOR OF THIS EQUIPMENT SHALL CONDUCT PERFORMANCE TESTS UNDER THE FOLLOWING CONDITIONS:

   A. PERFORMANCE TESTING SHALL BE CONDUCTED WITHIN 180 DAYS AFTER THE START UP OF THIS SCRUBBER, UNLESS OTHERWISE APPROVED IN WRITING BY THE EXECUTIVE OFFICER.

   B. THE PERFORMANCE TESTS SHALL BE PERFORMED TO DETERMINE EMISSIONS OFFSET REQUIREMENTS FOR THE VINEGAR MANUFACTURING SYSTEM PER RULE 1303(b)(2).

   C. THE PERFORMANCE TESTS SHALL BE CONDUCTED ON THIS SCRUBBER WHILE ACETATORS NOS. A6, A7, AND A8 ARE PRODUCING WINE VINEGAR AND OPERATING AT THE MAXIMUM PRODUCTION RATE.

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D. THE PERFORMANCE TESTS SHALL MEASURE, BUT NOT BE LIMITED TO, THE FOLLOWING:

I. THE ETHANOL, ACETIC ACID, ETHYL ACETATE, AND ACETALDEHYDE EMISSIONS, IN PPMV AND POUNDS PER HOUR, AT THE INLET AND EXIT OF THIS SCRUBBER.

II. THE AMOUNT OF TOTAL VOC EMISSIONS, IN POUNDS PER HOUR, AT THE INLET AND EXIT OF THIS SCRUBBER.

E. DURING THE PERFORMANCE TEST, THE OPERATING CONDITIONS THAT ARE MONITORED SHALL INCLUDE, BUT NOT BE LIMITED TO, THE FOLLOWING:

I. THE TOTAL AIR FLOW RATE THROUGH ACETATORS NOS. A6, A7, AND A8.

II. THE PRODUCTION RATES IN GALLONS OF 158 GRAIN VOLUME EQUIVALENT FOR ACETATORS NOS. A6, A7, AND A8.

III. THE FRESH WATER FLOW RATE THROUGH THIS SCRUBBER.
[RULE 1303(b)(2)-OFFSET]

5. A PROTOCOL FOR THE PERFORMANCE TESTS SHALL BE SUBMITTED FOR APPROVAL TO THE DISTRICT AT LEAST 60 DAYS PRIOR TO TESTING. THE PROTOCOL SHALL INCLUDE SAMPLING AND TEST METHODS AND A LIST OF OPERATING CONDITIONS TO BE MONITORED DURING THE PERFORMANCE TEST.
[RULE 1303(b)(2)-OFFSET]

6. SOURCE TEST NOTIFICATION SHALL BE SUBMITTED IN WRITING TO THE DISTRICT AT LEAST 14 DAYS PRIOR TO TESTING SO THAT AN OBSERVER MAY BE PRESENT.
[RULE 1303(b)(2)-OFFSET]

7. TWO COMPLETE COPIES OF SOURCE TEST REPORTS SHALL BE SUBMITTED TO THE DISTRICT WITHIN 60 DAYS AFTER THE SOURCE TESTING DATE.
[RULE 1303(b)(2)-OFFSET]

8. 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 DISTRICT RULE 304 (NO CONFLICT OF INTEREST) SHALL CONDUCT THE TEST.
{RULE 304]

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

Periodic Monitoring:

10. THE OPERATOR SHALL USE THIS EQUIPMENT IN SUCH A MANNER THAT THE FLOW RATE OF THE SCRUBBING SOLUTION IS NOT LESS THAN 2.1 GPM. TO COMPLY WITH THIS CONDITION

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THE OPERATOR SHALL INSTALL AND MAINTAIN A FLOW METER TO ACCURATELY INDICATE THE FLOW RATE OF THE SCRUBBING SOLUTION. THE OPERATOR SHALL DETERMINE AND RECORD THE PARAMETER BEING MONITORED ONCE EVERY DAY.
[RULE 3004(a)(4)]

FACILITY PERMIT TO OPERATE
MIZKAN AMERICAS, INC.

PERMIT TO OPERATE

Permit No.
A/N 419129

Equipment Description

WASTEWATER EQUALIZATION TANK, EQ, 21'-6 1/2" DIA. X 11' -11 1/8" H., 31,074 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. THE MAXIMUM AMOUNT OF MATERIAL TRANSFERED THROUGH THIS TANK SHALL NOT EXCEED 30 THOUSAND GALLONS IN ANY ONE DAY.
[RULE 1303 (b) (2)- OFFSETS]

4. MATERIALS PROCESSED IN THIS EQUIPMENT SHALL NOT CONTAIN ANY COMPOUNDS IDENTIFIED AS CARCINOGENIC AIR CONTAMINANTS IN RULE 1401, TABLE 1 AS AMENDED JUNE 5, 2009, EXCEPT AS IDENTIFIED BELOW UP TO THE MAXIMUM FOLLOWING LIMITS:

   I. ACETALDEHYDE LESS THAN OR EQUAL TO 0.00011% CONTENT BY VOLUME.

   [RULE 1401]

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

FACILITY PERMIT TO OPERATE
MIZKAN AMERICAS, INC.

RULE 219 EQUIPMENT

Equipment Description:

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

Periodic Monitoring:

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

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

   FOR OTHER ARCHITECTURAL APPLICATIONS WHERE THINNERS, REDUCERS, OR OTHER VOC CONATINING MATERIALS ARE ADDED, MAINTAIN DAILY RECORDS FOR EACH COATING CONSITING OF (a) COATING TYPE, (b) VOC CONTENT AS APPLIED IN GRAMS PER LITER (g/l) OF MATERIALS USED FOR LOW-SOLIDS COATINGS, (c) VOC CONTENT AS APPLIED IN g/l OF COATING, LESS WATER AND EXEMPT SOLVENT, FOR OTHER COATING.
   [RULE 3004 (a) (4)]

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
MIZKAN AMERICAS, INC.

RULE 219 EQUIPMENT

Equipment Description:

RULE 219 EXEMPT EQUIPMENT, COOLING TOWERS

Emissions And Requirements:

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

   CR: RULE 1404

FACILITY PERMIT TO OPERATE
MIZKAN AMERICAS, INC.

RULE 219 EQUIPMENT

Equipment Description:

RULE 219 EXEMPT EQUIPMENT, REFRIGERATION UNITS

Emissions And Requirements:

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

   VOC: RULE 1415
   VOC: 40CFR 82 SUBPART F