

FACILITY PERMIT TO OPERATE EXXONMOBIL OIL CORP

PERMIT TO CONSTRUCT

**A/N 527778
GRANTED: TBD**

Equipment Description:

MODIFICATION OF TANK TRUCK LOADING BAY NO. 1 CONSISTING OF:

1. SIX GASOLINE PRODUCT BOTTOM LOADING ARMS, EACH WITH A 4" EMCO WHEATON DRY BREAK COUPLER.
2. TWO DIESEL FUEL BOTTOM LOADING ARMS, EACH WITH A 4" EMCO WHEATON DRY BREAK COUPLER.
3. TWO 4" VAPOR RETURN LINES.
4. FOUR UNLEADED GASOLINE PUMPS, 75 HP EACH, WITH MECHANICAL SEALS, COMMON TO LOADING BAYS 1,2,3, AND 4.
5. FIVE UNLEADED GASOLINE PUMPS, 100 HP EACH, WITH MECHANICAL SEALS, COMMON TO LOADING BAYS 1,2,3, AND 4.
6. TWO DIESEL FUEL PUMPS, 75 HP EACH, WITH MECHANICAL SEALS, COMMON TO LOADING BAYS 1,2, 3, AND 4.
7. TWO ETHANOL PUMPS, 75 HP EACH, WITH MECHANICAL SEALS, COMMON TO LOADING BAYS 1, 2, 3, 4, AND 5.

BY THE FOLLOWING:

1. **ADDITION OF VERICONN (OR EQUIVALENT) HOSE CONNECTION VERIFICATION SYSTEM TO THE TWO 4" VAPOR RETURN LINES.**

Conditions:

1. **CONSTRUCTION AND 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. THE TOTAL COMBINED LOADING RATE OF LOADING RACK NOS. 1 THROUGH 5 SHALL NOT EXCEED 11,968 GALLONS PER MINUTE. THE OPERATOR SHALL USE A FLOW METER TO MEASURE THE FLOW RATE IN GALLONS PER MINUTE FOR EACH RACK, SHALL USE AN AUTOMATIC RECORDER TO RECORD THE FLOW/LOADING RATE OF EACH RACK IN GALLONS PER MINUTE, AND SHALL MAKE AVAILABLE THE LOADING RATE RECORDS TO DISTRICT PERSONNEL UPON REQUEST.
[RULE 1303(a)(1)-BACT]
4. THE OPERATOR SHALL LIMIT THE THROUGHPUT TO NO MORE THAN 3,726,000 GALLON(S) PER DAY.
 - A. FOR THE PURPOSE OF THIS CONDITION, THROUGHPUT SHALL BE DEFINED AS THE TOTAL QUANTITY OF GASOLINE LOADED INTO TANK TRUCKS FROM LOADING BAY NOS. 1 THROUGH 5 COMBINED.
 - B. THE OPERATOR SHALL MAINTAIN RECORDS IN A MANNER APPROVED BY THE DISTRICT TO DEMONSTRATE COMPLIANCE WITH THIS CONDITION.
[RULE 1303(b)(2)-Offset, RULE 462]
5. THE OPERATOR SHALL NOT OPERATE THIS EQUIPMENT UNLESS IT IS VENTED TO A CARBON ADSORBER OR THERMAL OXIDIZER, WHICH IS IN FULL USE AND HAS BEEN ISSUED A PERMIT TO OPERATE BY THE EXECUTIVE OFFICER
[RULE 1303(a)(1)-BACT; RULE 462; 40CFR 60 Subpart XX]
6. THE OPERATOR SHALL LIMIT THE THROUGHPUT TO NO MORE THAN 2,500,000 GALLON(S) PER DAY WHILE THE LOADING FACILITY IS VENTED TO ANY ONE CONTROL SYSTEM.
 - A. FOR THE PURPOSE OF THIS CONDITION, THROUGHPUT SHALL BE DEFINED AS THE TOTAL QUANTITY OF GASOLINE LOADED INTO TANK TRUCKS FROM LOADING BAY NOS. 1 THROUGH 5, COMBINED, WHILE THE LOADING RACKS ARE VENTING TO THE "VAPOR CONTROL SYSTEM (CARBON ADSORPTION SYSTEM)".
 - B. WHENEVER THE LOADING THROUGHPUT FOR THIS BULK LOADING FACILITY APPROACHES 2,500,000 GALLONS PER DAY, THE OPERATOR SHALL DIVERT THE VAPORS FROM THE LOADING OPERATION FROM THE CARBON ADSORPTION SYSTEM TO THE THERMAL OXIDIZER (OR VICE VERSA).

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- C. THE OPERATOR SHALL MAINTAIN RECORDS IN A MANNER APPROVED BY THE DISTRICT TO DEMONSTRATE COMPLIANCE WITH THIS CONDITION.
[RULE 462]
7. THE OPERATOR SHALL LIMIT THE THROUGHPUT TO NO MORE THAN 391,000 GALLON(S) PER DAY.
- A. FOR THE PURPOSE OF THIS CONDITION, THROUGHPUT SHALL BE DEFINED AS THE LOADING RATE OF ETHANOL THROUGH LOADING BAY NO. 5.
- B. THE OPERATOR SHALL MAINTAIN RECORDS IN A MANNER APPROVED BY THE DISTRICT TO DEMONSTRATE COMPLIANCE WITH THIS CONDITION.
[RULE 1303(b)(2)-Offset]
8. IN ADDITION TO THE RECORDS REQUIRED UNDER RULE 462, THE LOADING THROUGHPUT RECORDS SHALL BE MAINTAINED FOR FIVE YEARS IN A FORMAT APPROVED BY THE DISTRICT, AND SHALL BE MADE AVAILABLE TO DISTRICT PERSONNEL UPON REQUEST.
[RULE 1303(b)(2)-Offset, RULE 462]
9. THE FOLLOWING BACT REQUIREMENTS SHALL APPLY TO VOC SERVICE FUGITIVE COMPONENTS ASSOCIATED WITH THIS EQUIPMENT:

ALL VALVES SHALL BE BELLOW-SEAL VALVES, EXCEPT IN THE FOLLOWING APPLICATIONS: VALVES IN HEAVY LIQUID SERVICE, CONTROL VALVES, INSTRUMENT PIPING/TUBING VALVES, VALVES REQUIRING TORSIONAL VALVE STEM MOTION, APPLICATIONS WHERE VALVE FAILURE COULD POSE SAFETY HAZARD (E.G., DRAIN VALVES WITH VALVE STEMS IN A HORIZONTAL POSITION), RETROFITS/SPECIAL APPLICATION VALVES WITH SPACE LIMITATIONS, AND VALVES NOT COMMERCIALY AVAILABLE. THE DISTRICT SHALL APPROVE ALL EXCEPTIONS TO THIS REQUIREMENT.

ALL VALVES AND NEW MAJOR COMPONENTS SHALL BE PHYSICALLY IDENTIFIED IN THE FIELD WITH SPECIAL MARKINGS THAT DISTINGUISH THE COMPONENTS FROM NON-BACT COMPONENTS. ADDITIONALLY, ALL NEW COMPONENTS SHALL BE IDENTIFIED AS BACT COMPONENTS IN THE RECORDS.

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THE OPERATOR SHALL PROVIDE TO THE DISTRICT, NO LATER THAT 60 DAYS AFTER INITIAL STARTUP, PROCESS INSTRUMENTATION DIAGRAMS (OR SOME OTHER DISTRICT APPROVED DIAGRAMS) THAT IDENTIFY ALL VALVES. THE OPERATOR SHALL ALSO PROVIDE A LISTING OF ALL VALVES INSTALLED OR REMOVED, CATEGORIZED BY LOCATION, TYPE, SIZE, ACCESSIBILITY, AND SERVICE; AND FOR ALL NON-BELLOWS SEALED VALVES, REASON(S) WHY BELLOW SEAL VALVES WERE NOT USED. THE OPERATOR SHALL ALSO SUBMIT A RECALCULATION OF THE FUGITIVE EMISSIONS BASED ON ACTUAL COMPONENTS INSTALLED AND REMOVED FROM SERVICE.

ALL COMPONENTS IN VOC SERVICE, EXCEPT THOSE SPECIFICALLY EXEMPTED IN RULE 1173, SHALL BE INSPECTED MONTHLY USING EPA REFERENCE METHOD 21. THE OPERATOR MAY REVERT TO A QUARTERLY INSPECTION UPON DISTRICT APPROVAL, AFTER TWO CONSECUTIVE MONTHS OF INSPECTIONS IN WHICH ONLY TWO PERCENT OR LESS OF THE FUGITIVE COMPONENTS ARE DETECTED TO LEAK OVER 500 PPM_v ABOVE BACKGROUND.

ALL COMPONENTS IN VOC SERVICE, WITH A LEAK GREATER THAN 500 PPM_v BUT LESS THAN 1,000 PPM_v MEASURED AS METHANE ABOVE BACKGROUND USING EPA REFERENCE METHOD 21, SHALL BE REPAIRED WITHIN 14 DAYS OF DETECTION. A LEAK OF 1,000 PPM_v OR GREATER SHALL BE REPAIRED ACCORDING TO RULE 1173.

THE RECORDS OF THE MONTHLY INSPECTION, SUBSEQUENT REPAIRS AND RE-INSPECTIONS, IF ANY, SHALL BE MAINTAINED FOR TWO YEARS (FIVE YEARS FOR A TITLE V FACILITY) IN A FORMAT APPROVED BY THE DISTRICT, AND SHALL BE AVAILABLE TO DISTRICT PERSONNEL UPON REQUEST
[RULE 1303(a)(1)-BACT]

10. THIS PERMIT TO CONSTRUCT SHALL EXPIRE ONE YEAR FROM THE DATE OF ISSUANCE UNLESS AN EXTENSION IS GRANTED BY THE EXECUTIVE OFFICER.

Periodic Monitoring:

NONE

Emissions and Requirements:

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

VOC:	RULE 462	0.08 LBS/1000 GAL ORGANIC LIQUID LOADED
VOC:	40CFR 60 SUBPART XX	35 MG/L GASOLINE LOADED

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Equipment Description:

MODIFICATION OF TANK TRUCK LOADING BAY NO. 2 CONSISTING OF:

1. SIX GASOLINE PRODUCT BOTTOM LOADING ARMS, EACH WITH A 4" EMCO WHEATON DRY BREAK COUPLER.
2. TWO DIESEL FUEL BOTTOM LOADING ARMS, EACH WITH A 4" EMCO WHEATON DRY BREAK COUPLER.
3. TWO 4" VAPOR RETURN LINES.
4. FOUR UNLEADED GASOLINE PUMPS, 75 HP EACH, WITH MECHANICAL SEALS, COMMON TO LOADING BAYS 1, 2, 3, AND 4.
5. FIVE UNLEADED GASOLINE PUMPS, 100 HP EACH, WITH MECHANICAL SEALS, COMMON TO LOADING BAYS 1, 2, 3, AND 4.
6. TWO DIESEL FUEL PUMPS, 75 HP EACH, WITH MECHANICAL SEALS, COMMON TO LOADING BAYS 1, 2, 3, AND 4.
7. TWO ETHANOL PUMPS, 75 HP EACH, WITH MECHANICAL SEALS, COMMON TO LOADING BAYS 1, 2, 3, 4, AND 5.

BY THE FOLLOWING:

1. **ADDITION OF VERICONN (OR EQUIVALENT) HOSE CONNECTION VERIFICATION SYSTEM TO THE TWO 4" VAPOR RETURN LINES.**

Conditions:

1. **CONSTRUCTION AND 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. THE TOTAL COMBINED LOADING RATE OF LOADING RACK NOS. 1 THROUGH 5 SHALL NOT EXCEED 11,968 GALLONS PER MINUTE. THE OPERATOR SHALL USE A FLOW METER TO MEASURE THE FLOW RATE IN GALLONS PER MINUTE FOR EACH RACK, SHALL USE AN AUTOMATIC RECORDER TO RECORD THE FLOW/LOADING RATE OF EACH RACK IN GALLONS PER MINUTE, AND SHALL MAKE AVAILABLE THE LOADING RATE RECORDS TO DISTRICT PERSONNEL UPON REQUEST.
[RULE 1303(a)(1)-BACT]
4. THE OPERATOR SHALL LIMIT THE THROUGHPUT TO NO MORE THAN 3,726,000 GALLON(S) PER DAY.
 - A. FOR THE PURPOSE OF THIS CONDITION, THROUGHPUT SHALL BE DEFINED AS THE TOTAL QUANTITY OF GASOLINE LOADED INTO TANK TRUCKS FROM LOADING BAY NOS. 1 THROUGH 5 COMBINED.
 - B. THE OPERATOR SHALL MAINTAIN RECORDS IN A MANNER APPROVED BY THE DISTRICT TO DEMONSTRATE COMPLIANCE WITH THIS CONDITION.[RULE 1303(b)(2)-Offset, RULE 462]
5. THE OPERATOR SHALL NOT OPERATE THIS EQUIPMENT UNLESS IT IS VENTED TO A CARBON ADSORBER OR THERMAL OXIDIZER, WHICH IS IN FULL USE AND HAS BEEN ISSUED A PERMIT TO OPERATE BY THE EXECUTIVE OFFICER
[RULE 1303(a)(1)-BACT; RULE 462; 40CFR 60 Subpart XX]
6. THE OPERATOR SHALL LIMIT THE THROUGHPUT TO NO MORE THAN 2,500,000 GALLON(S) PER DAY WHILE THE LOADING FACILITY IS VENTED TO ANY ONE CONTROL SYSTEM.
 - A. FOR THE PURPOSE OF THIS CONDITION, THROUGHPUT SHALL BE DEFINED AS THE TOTAL QUANTITY OF GASOLINE LOADED INTO TANK TRUCKS FROM LOADING BAY NOS. 1 THROUGH 5, COMBINED, WHILE THE LOADING RACKS ARE VENTING TO THE "VAPOR CONTROL SYSTEM (CARBON ADSORPTION SYSTEM)".
 - B. WHENEVER THE LOADING THROUGHPUT FOR THIS BULK LOADING FACILITY APPROACHES 2,500,000 GALLONS PER DAY, THE OPERATOR SHALL DIVERT THE VAPORS FROM THE LOADING OPERATION FROM THE CARBON ADSORPTION SYSTEM TO THE THERMAL OXIDIZER (OR VICE VERSA).

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- C. THE OPERATOR SHALL MAINTAIN RECORDS IN A MANNER APPROVED BY THE DISTRICT TO DEMONSTRATE COMPLIANCE WITH THIS CONDITION.
[RULE 462]
7. THE OPERATOR SHALL LIMIT THE THROUGHPUT TO NO MORE THAN 391,000 GALLON(S) PER DAY.
- A. FOR THE PURPOSE OF THIS CONDITION, THROUGHPUT SHALL BE DEFINED AS THE LOADING RATE OF ETHANOL THROUGH LOADING BAY NO. 5.
- B. THE OPERATOR SHALL MAINTAIN RECORDS IN A MANNER APPROVED BY THE DISTRICT TO DEMONSTRATE COMPLIANCE WITH THIS CONDITION.
[RULE 1303(b)(2)-Offset]
8. IN ADDITION TO THE RECORDS REQUIRED UNDER RULE 462, THE LOADING THROUGHPUT RECORDS SHALL BE MAINTAINED FOR FIVE YEARS IN A FORMAT APPROVED BY THE DISTRICT, AND SHALL BE MADE AVAILABLE TO DISTRICT PERSONNEL UPON REQUEST.
[RULE 1303(b)(2)-Offset, RULE 462]
9. THE FOLLOWING BACT REQUIREMENTS SHALL APPLY TO VOC SERVICE FUGITIVE COMPONENTS ASSOCIATED WITH THIS EQUIPMENT:

ALL VALVES SHALL BE BELLOW-SEAL VALVES, EXCEPT IN THE FOLLOWING APPLICATIONS: VALVES IN HEAVY LIQUID SERVICE, CONTROL VALVES, INSTRUMENT PIPING/TUBING VALVES, VALVES REQUIRING TORSIONAL VALVE STEM MOTION, APPLICATIONS WHERE VALVE FAILURE COULD POSE SAFETY HAZARD (E.G., DRAIN VALVES WITH VALVE STEMS IN A HORIZONTAL POSITION), RETROFITS/SPECIAL APPLICATION VALVES WITH SPACE LIMITATIONS, AND VALVES NOT COMMERCIALY AVAILABLE. THE DISTRICT SHALL APPROVE ALL EXCEPTIONS TO THIS REQUIREMENT.

ALL VALVES AND NEW MAJOR COMPONENTS SHALL BE PHYSICALLY IDENTIFIED IN THE FIELD WITH SPECIAL MARKINGS THAT DISTINGUISH THE COMPONENTS FROM NON-BACT COMPONENTS. ADDITIONALLY, ALL NEW COMPONENTS SHALL BE IDENTIFIED AS BACT COMPONENTS IN THE RECORDS.

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THE OPERATOR SHALL PROVIDE TO THE DISTRICT, NO LATER THAT 60 DAYS AFTER INITIAL STARTUP, PROCESS INSTRUMENTATION DIAGRAMS (OR SOME OTHER DISTRICT APPROVED DIAGRAMS) THAT IDENTIFY ALL VALVES. THE OPERATOR SHALL ALSO PROVIDE A LISTING OF ALL VALVES INSTALLED OR REMOVED, CATEGORIZED BY LOCATION, TYPE, SIZE, ACCESSIBILITY, AND SERVICE; AND FOR ALL NON-BELLOWS SEALED VALVES, REASON(S) WHY BELLOW SEAL VALVES WERE NOT USED. THE OPERATOR SHALL ALSO SUBMIT A RECALCULATION OF THE FUGITIVE EMISSIONS BASED ON ACTUAL COMPONENTS INSTALLED AND REMOVED FROM SERVICE.

ALL COMPONENTS IN VOC SERVICE, EXCEPT THOSE SPECIFICALLY EXEMPTED IN RULE 1173, SHALL BE INSPECTED MONTHLY USING EPA REFERENCE METHOD 21. THE OPERATOR MAY REVERT TO A QUARTERLY INSPECTION UPON DISTRICT APPROVAL, AFTER TWO CONSECUTIVE MONTHS OF INSPECTIONS IN WHICH ONLY TWO PERCENT OR LESS OF THE FUGITIVE COMPONENTS ARE DETECTED TO LEAK OVER 500 PPM_v ABOVE BACKGROUND.

ALL COMPONENTS IN VOC SERVICE, WITH A LEAK GREATER THAN 500 PPM_v BUT LESS THAN 1,000 PPM_v MEASURED AS METHANE ABOVE BACKGROUND USING EPA REFERENCE METHOD 21, SHALL BE REPAIRED WITHIN 14 DAYS OF DETECTION. A LEAK OF 1,000 PPM_v OR GREATER SHALL BE REPAIRED ACCORDING TO RULE 1173.

THE RECORDS OF THE MONTHLY INSPECTION, SUBSEQUENT REPAIRS AND RE-INSPECTIONS, IF ANY, SHALL BE MAINTAINED FOR TWO YEARS (FIVE YEARS FOR A TITLE V FACILITY) IN A FORMAT APPROVED BY THE DISTRICT, AND SHALL BE AVAILABLE TO DISTRICT PERSONNEL UPON REQUEST
[RULE 1303(a)(1)-BACT]

10. **THIS PERMIT TO CONSTRUCT SHALL EXPIRE ONE YEAR FROM THE DATE OF ISSUANCE UNLESS AN EXTENSION IS GRANTED BY THE EXECUTIVE OFFICER.**

Periodic Monitoring:

NONE

Emissions and Requirements:

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

VOC: RULE 462 0.08 LBS/1000 GAL ORGANIC LIQUID LOADED
VOC: 40CFR 60 SUBPART XX 35 MG/L GASOLINE LOADED

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**A/N 527780
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Equipment Description:

MODIFICATION OF TANK TRUCK LOADING BAY NO. 3 CONSISTING OF:

1. SIX GASOLINE PRODUCT BOTTOM LOADING ARMS, EACH WITH A 4" EMCO WHEATON DRY BREAK COUPLER.
2. TWO DIESEL FUEL BOTTOM LOADING ARMS, EACH WITH A 4" EMCO WHEATON DRY BREAK COUPLER.
3. TWO 4" VAPOR RETURN LINES.
4. FOUR UNLEADED GASOLINE PUMPS, 75 HP EACH, WITH MECHANICAL SEALS, COMMON TO LOADING BAYS 1,2,3, AND 4.
5. FIVE UNLEADED GASOLINE PUMPS, 100 HP EACH, WITH MECHANICAL SEALS, COMMON TO LOADING BAYS 1,2,3, AND 4.
6. TWO DIESEL FUEL PUMPS, 75 HP EACH, WITH MECHANICAL SEALS, COMMON TO LOADING BAYS 1,2, 3, AND 4.
7. TWO ETHANOL PUMPS, 75 HP EACH, WITH MECHANICAL SEALS, COMMON TO LOADING BAYS 1, 2, 3, 4, AND 5.

BY THE FOLLOWING:

1. **ADDITION OF VERICONN (OR EQUIVALENT) HOSE CONNECTION VERIFICATION SYSTEM TO THE TWO 4" VAPOR RETURN LINES.**

Conditions:

1. **CONSTRUCTION AND 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. THE TOTAL COMBINED LOADING RATE OF LOADING RACK NOS. 1 THROUGH 5 SHALL NOT EXCEED 11,968 GALLONS PER MINUTE. THE OPERATOR SHALL USE A FLOW METER TO MEASURE THE FLOW RATE IN GALLONS PER MINUTE FOR EACH RACK, SHALL USE AN AUTOMATIC RECORDER TO RECORD THE FLOW/LOADING RATE OF EACH RACK IN GALLONS PER MINUTE, AND SHALL MAKE AVAILABLE THE LOADING RATE RECORDS TO DISTRICT PERSONNEL UPON REQUEST.
[RULE 1303(a)(1)-BACT]
4. THE OPERATOR SHALL LIMIT THE THROUGHPUT TO NO MORE THAN 3,726,000 GALLON(S) PER DAY.
 - A. FOR THE PURPOSE OF THIS CONDITION, THROUGHPUT SHALL BE DEFINED AS THE TOTAL QUANTITY OF GASOLINE LOADED INTO TANK TRUCKS FROM LOADING BAY NOS. 1 THROUGH 5 COMBINED.
 - B. THE OPERATOR SHALL MAINTAIN RECORDS IN A MANNER APPROVED BY THE DISTRICT TO DEMONSTRATE COMPLIANCE WITH THIS CONDITION.
[RULE 1303(b)(2)-Offset, RULE 462]
5. THE OPERATOR SHALL NOT OPERATE THIS EQUIPMENT UNLESS IT IS VENTED TO A CARBON ADSORBER OR THERMAL OXIDIZER, WHICH IS IN FULL USE AND HAS BEEN ISSUED A PERMIT TO OPERATE BY THE EXECUTIVE OFFICER
[RULE 1303(a)(1)-BACT; RULE 462; 40CFR 60 Subpart XX]
6. THE OPERATOR SHALL LIMIT THE THROUGHPUT TO NO MORE THAN 2,500,000 GALLON(S) PER DAY WHILE THE LOADING FACILITY IS VENTED TO ANY ONE CONTROL SYSTEM.
 - A. FOR THE PURPOSE OF THIS CONDITION, THROUGHPUT SHALL BE DEFINED AS THE TOTAL QUANTITY OF GASOLINE LOADED INTO TANK TRUCKS FROM LOADING BAY NOS. 1 THROUGH 5, COMBINED, WHILE THE LOADING RACKS ARE VENTING TO THE "VAPOR CONTROL SYSTEM (CARBON ADSORPTION SYSTEM)".
 - B. WHENEVER THE LOADING THROUGHPUT FOR THIS BULK LOADING FACILITY APPROACHES 2,500,000 GALLONS PER DAY, THE OPERATOR SHALL DIVERT THE VAPORS FROM THE LOADING OPERATION FROM THE CARBON ADSORPTION SYSTEM TO THE THERMAL OXIDIZER (OR VICE VERSA).

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- C. THE OPERATOR SHALL MAINTAIN RECORDS IN A MANNER APPROVED BY THE DISTRICT TO DEMONSTRATE COMPLIANCE WITH THIS CONDITION.
[RULE 462]
7. THE OPERATOR SHALL LIMIT THE THROUGHPUT TO NO MORE THAN 391,000 GALLON(S) PER DAY.
- A. FOR THE PURPOSE OF THIS CONDITION, THROUGHPUT SHALL BE DEFINED AS THE LOADING RATE OF ETHANOL THROUGH LOADING BAY NO. 5.
- B. THE OPERATOR SHALL MAINTAIN RECORDS IN A MANNER APPROVED BY THE DISTRICT TO DEMONSTRATE COMPLIANCE WITH THIS CONDITION.
[RULE 1303(b)(2)-Offset]
8. IN ADDITION TO THE RECORDS REQUIRED UNDER RULE 462, THE LOADING THROUGHPUT RECORDS SHALL BE MAINTAINED FOR FIVE YEARS IN A FORMAT APPROVED BY THE DISTRICT, AND SHALL BE MADE AVAILABLE TO DISTRICT PERSONNEL UPON REQUEST.
[RULE 1303(b)(2)-Offset, RULE 462]
9. THE FOLLOWING BACT REQUIREMENTS SHALL APPLY TO VOC SERVICE FUGITIVE COMPONENTS ASSOCIATED WITH THIS EQUIPMENT:

ALL VALVES SHALL BE BELLOWS-SEAL VALVES, EXCEPT IN THE FOLLOWING APPLICATIONS: VALVES IN HEAVY LIQUID SERVICE, CONTROL VALVES, INSTRUMENT PIPING/TUBING VALVES, VALVES REQUIRING TORSIONAL VALVE STEM MOTION, APPLICATIONS WHERE VALVE FAILURE COULD POSE SAFETY HAZARD (E.G., DRAIN VALVES WITH VALVE STEMS IN A HORIZONTAL POSITION), RETROFITS/SPECIAL APPLICATION VALVES WITH SPACE LIMITATIONS, AND VALVES NOT COMMERCIALY AVAILABLE. THE DISTRICT SHALL APPROVE ALL EXCEPTIONS TO THIS REQUIREMENT.

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THE OPERATOR SHALL PROVIDE TO THE DISTRICT, NO LATER THAN 60 DAYS AFTER INITIAL STARTUP, PROCESS INSTRUMENTATION DIAGRAMS (OR SOME OTHER DISTRICT APPROVED DIAGRAMS) THAT IDENTIFY ALL VALVES. THE OPERATOR SHALL ALSO PROVIDE A LISTING OF ALL VALVES INSTALLED OR REMOVED, CATEGORIZED BY LOCATION, TYPE, SIZE, ACCESSIBILITY, AND SERVICE; AND FOR ALL NON-BELLOWS SEALED VALVES, REASON(S) WHY BELLOW SEAL VALVES WERE NOT USED. THE OPERATOR SHALL ALSO SUBMIT A RECALCULATION OF THE FUGITIVE EMISSIONS BASED ON ACTUAL COMPONENTS INSTALLED AND REMOVED FROM SERVICE.

ALL COMPONENTS IN VOC SERVICE, EXCEPT THOSE SPECIFICALLY EXEMPTED IN RULE 1173, SHALL BE INSPECTED MONTHLY USING EPA REFERENCE METHOD 21. THE OPERATOR MAY REVERT TO A QUARTERLY INSPECTION UPON DISTRICT APPROVAL, AFTER TWO CONSECUTIVE MONTHS OF INSPECTIONS IN WHICH ONLY TWO PERCENT OR LESS OF THE FUGITIVE COMPONENTS ARE DETECTED TO LEAK OVER 500 PPM_v ABOVE BACKGROUND.

ALL COMPONENTS IN VOC SERVICE, WITH A LEAK GREATER THAN 500 PPM_v BUT LESS THAN 1,000 PPM_v MEASURED AS METHANE ABOVE BACKGROUND USING EPA REFERENCE METHOD 21, SHALL BE REPAIRED WITHIN 14 DAYS OF DETECTION. A LEAK OF 1,000 PPM_v OR GREATER SHALL BE REPAIRED ACCORDING TO RULE 1173.

THE RECORDS OF THE MONTHLY INSPECTION, SUBSEQUENT REPAIRS AND RE-INSPECTIONS, IF ANY, SHALL BE MAINTAINED FOR TWO YEARS (FIVE YEARS FOR A TITLE V FACILITY) IN A FORMAT APPROVED BY THE DISTRICT, AND SHALL BE AVAILABLE TO DISTRICT PERSONNEL UPON REQUEST
[RULE 1303(a)(1)-BACT]

10. **THIS PERMIT TO CONSTRUCT SHALL EXPIRE ONE YEAR FROM THE DATE OF ISSUANCE UNLESS AN EXTENSION IS GRANTED BY THE EXECUTIVE OFFICER.**

Periodic Monitoring:

NONE

Emissions and Requirements:

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

VOC:	RULE 462	0.08 LBS/1000 GAL ORGANIC LIQUID LOADED
VOC:	40CFR 60 SUBPART XX	35 MG/L ORGANIC LIQUID LOADED

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Equipment Description:

MODIFICATION OF TANK TRUCK LOADING BAY NO. 4 CONSISTING OF:

1. SIX GASOLINE PRODUCT BOTTOM LOADING ARMS, EACH WITH A 4" EMCO WHEATON DRY BREAK COUPLER.
2. TWO DIESEL FUEL BOTTOM LOADING ARMS, EACH WITH A 4" EMCO WHEATON DRY BREAK COUPLER.
3. TWO 4" VAPOR RETURN LINES.
4. FOUR UNLEADED GASOLINE PUMPS, 75 HP EACH, WITH MECHANICAL SEALS, COMMON TO LOADING BAYS 1,2,3, AND 4.
5. FIVE UNLEADED GASOLINE PUMPS, 100 HP EACH, WITH MECHANICAL SEALS, COMMON TO LOADING BAYS 1,2,3, AND 4.
6. TWO DIESEL FUEL PUMPS, 75 HP EACH, WITH MECHANICAL SEALS, COMMON TO LOADING BAYS 1, 2, 3, AND 4.
7. TWO ETHANOL PUMPS, 75 HP EACH, WITH MECHANICAL SEALS, COMMON TO LOADING BAYS 1, 2, 3, 4, AND 5.

BY THE FOLLOWING:

1. ADDITION OF VERICONN (OR EQUIVALENT) HOSE CONNECTION VERIFICATION SYSTEM TO THE TWO 4" VAPOR RETURN LINES.

Conditions:

1. CONSTRUCTION AND 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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PERMIT TO CONSTRUCT

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3. THE TOTAL COMBINED LOADING RATE OF LOADING RACK NOS. 1 THROUGH 5 SHALL NOT EXCEED 11,968 GALLONS PER MINUTE. THE OPERATOR SHALL USE A FLOW METER TO MEASURE THE FLOW RATE IN GALLONS PER MINUTE FOR EACH RACK, SHALL USE AN AUTOMATIC RECORDER TO RECORD THE FLOW/LOADING RATE OF EACH RACK IN GALLONS PER MINUTE, AND SHALL MAKE AVAILABLE THE LOADING RATE RECORDS TO DISTRICT PERSONNEL UPON REQUEST.
[RULE 1303(a)(1)-BACT]
4. THE OPERATOR SHALL LIMIT THE THROUGHPUT TO NO MORE THAN 3,726,000 GALLON(S) PER DAY.
 - A. FOR THE PURPOSE OF THIS CONDITION, THROUGHPUT SHALL BE DEFINED AS THE TOTAL QUANTITY OF GASOLINE LOADED INTO TANK TRUCKS FROM LOADING BAY NOS. 1 THROUGH 5 COMBINED.
 - B. THE OPERATOR SHALL MAINTAIN RECORDS IN A MANNER APPROVED BY THE DISTRICT TO DEMONSTRATE COMPLIANCE WITH THIS CONDITION.
[RULE 1303(b)(2)-Offset, RULE 462]
5. THE OPERATOR SHALL NOT OPERATE THIS EQUIPMENT UNLESS IT IS VENTED TO A CARBON ADSORBER OR THERMAL OXIDIZER, WHICH IS IN FULL USE AND HAS BEEN ISSUED A PERMIT TO OPERATE BY THE EXECUTIVE OFFICER
[RULE 1303(a)(1)-BACT; RULE 462; 40CFR 60 Subpart XX]
6. THE OPERATOR SHALL LIMIT THE THROUGHPUT TO NO MORE THAN 2,500,000 GALLON(S) PER DAY WHILE THE LOADING FACILITY IS VENTED TO ANY ONE CONTROL SYSTEM.
 - A. FOR THE PURPOSE OF THIS CONDITION, THROUGHPUT SHALL BE DEFINED AS THE TOTAL QUANTITY OF GASOLINE LOADED INTO TANK TRUCKS FROM LOADING BAY NOS. 1 THROUGH 5, COMBINED, WHILE THE LOADING RACKS ARE VENTING TO THE "VAPOR CONTROL SYSTEM (CARBON ADSORPTION SYSTEM)".
 - B. WHENEVER THE LOADING THROUGHPUT FOR THIS BULK LOADING FACILITY APPROACHES 2,500,000 GALLONS PER DAY, THE OPERATOR SHALL DIVERT THE VAPORS FROM THE LOADING OPERATION FROM THE CARBON ADSORPTION SYSTEM TO THE THERMAL OXIDIZER (OR VICE VERSA).

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- C. THE OPERATOR SHALL MAINTAIN RECORDS IN A MANNER APPROVED BY THE DISTRICT TO DEMONSTRATE COMPLIANCE WITH THIS CONDITION.
[RULE 462]
7. THE OPERATOR SHALL LIMIT THE THROUGHPUT TO NO MORE THAN 391,000 GALLON(S) PER DAY.
- A. FOR THE PURPOSE OF THIS CONDITION, THROUGHPUT SHALL BE DEFINED AS THE LOADING RATE OF ETHANOL THROUGH LOADING BAY NO. 5.
- B. THE OPERATOR SHALL MAINTAIN RECORDS IN A MANNER APPROVED BY THE DISTRICT TO DEMONSTRATE COMPLIANCE WITH THIS CONDITION.
[RULE 1303(b)(2)-Offset]
8. IN ADDITION TO THE RECORDS REQUIRED UNDER RULE 462, THE LOADING THROUGHPUT RECORDS SHALL BE MAINTAINED FOR FIVE YEARS IN A FORMAT APPROVED BY THE DISTRICT, AND SHALL BE MADE AVAILABLE TO DISTRICT PERSONNEL UPON REQUEST.
[RULE 1303(b)(2)-Offset, RULE 462]
9. THE FOLLOWING BACT REQUIREMENTS SHALL APPLY TO VOC SERVICE FUGITIVE COMPONENTS ASSOCIATED WITH THIS EQUIPMENT:

ALL VALVES SHALL BE BELLOW-SEAL VALVES, EXCEPT IN THE FOLLOWING APPLICATIONS: VALVES IN HEAVY LIQUID SERVICE, CONTROL VALVES, INSTRUMENT PIPING/TUBING VALVES, VALVES REQUIRING TORSIONAL VALVE STEM MOTION, APPLICATIONS WHERE VALVE FAILURE COULD POSE SAFETY HAZARD (E.G., DRAIN VALVES WITH VALVE STEMS IN A HORIZONTAL POSITION), RETROFITS/SPECIAL APPLICATION VALVES WITH SPACE LIMITATIONS, AND VALVES NOT COMMERCIALY AVAILABLE. THE DISTRICT SHALL APPROVE ALL EXCEPTIONS TO THIS REQUIREMENT.

ALL VALVES AND NEW MAJOR COMPONENTS SHALL BE PHYSICALLY IDENTIFIED IN THE FIELD WITH SPECIAL MARKINGS THAT DISTINGUISH THE COMPONENTS FROM NON-BACT COMPONENTS. ADDITIONALLY, ALL NEW COMPONENTS SHALL BE IDENTIFIED AS BACT COMPONENTS IN THE RECORDS.

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THE OPERATOR SHALL PROVIDE TO THE DISTRICT, NO LATER THAT 60 DAYS AFTER INITIAL STARTUP, PROCESS INSTRUMENTATION DIAGRAMS (OR SOME OTHER DISTRICT APPROVED DIAGRAMS) THAT IDENTIFY ALL VALVES. THE OPERATOR SHALL ALSO PROVIDE A LISTING OF ALL VALVES INSTALLED OR REMOVED, CATEGORIZED BY LOCATION, TYPE, SIZE, ACCESSIBILITY, AND SERVICE; AND FOR ALL NON-BELLOWS SEALED VALVES, REASON(S) WHY BELLOW SEAL VALVES WERE NOT USED. THE OPERATOR SHALL ALSO SUBMIT A RECALCULATION OF THE FUGITIVE EMISSIONS BASED ON ACTUAL COMPONENTS INSTALLED AND REMOVED FROM SERVICE.

ALL COMPONENTS IN VOC SERVICE, EXCEPT THOSE SPECIFICALLY EXEMPTED IN RULE 1173, SHALL BE INSPECTED MONTHLY USING EPA REFERENCE METHOD 21. THE OPERATOR MAY REVERT TO A QUARTERLY INSPECTION UPON DISTRICT APPROVAL, AFTER TWO CONSECUTIVE MONTHS OF INSPECTIONS IN WHICH ONLY TWO PERCENT OR LESS OF THE FUGITIVE COMPONENTS ARE DETECTED TO LEAK OVER 500 PPM_v ABOVE BACKGROUND.

ALL COMPONENTS IN VOC SERVICE, WITH A LEAK GREATER THAN 500 PPM_v BUT LESS THAN 1,000 PPM_v MEASURED AS METHANE ABOVE BACKGROUND USING EPA REFERENCE METHOD 21, SHALL BE REPAIRED WITHIN 14 DAYS OF DETECTION. A LEAK OF 1,000 PPM_v OR GREATER SHALL BE REPAIRED ACCORDING TO RULE 1173.

THE RECORDS OF THE MONTHLY INSPECTION, SUBSEQUENT REPAIRS AND RE-INSPECTIONS, IF ANY, SHALL BE MAINTAINED FOR TWO YEARS (FIVE YEARS FOR A TITLE V FACILITY) IN A FORMAT APPROVED BY THE DISTRICT, AND SHALL BE AVAILABLE TO DISTRICT PERSONNEL UPON REQUEST
[RULE 1303(a)(1)-BACT]

10. **THIS PERMIT TO CONSTRUCT SHALL EXPIRE ONE YEAR FROM THE DATE OF ISSUANCE UNLESS AN EXTENSION IS GRANTED BY THE EXECUTIVE OFFICER.**

Periodic Monitoring:

NONE

Emissions and Requirements:

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

VOC: RULE 462 0.08 LBS/1000 GAL ORGANIC LIQUID LOADED
VOC: 40CFR 60 SUBPART XX 35 MG/L GASOLINE LOADED

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Equipment Description:

MODIFICATION OF TANK TRUCK LOADING BAY NO. 5 CONSISTING OF:

1. SIX ETHANOL PRODUCT BOTTOM LOADING ARMS, EACH WITH A 4" EMCO WHEATON DRY BREAK COUPLER.
2. FOUR GASOLINE PRODUCT BOTTOM LOADING ARMS, EACH WITH A 4" EMCO WHEATON DRY BREAK COUPLER.
3. TWO 4" VAPOR RETURN LINES.
4. FOUR UNLEADED GASOLINE PUMPS, 75 HP EACH, WITH MECHANICAL SEALS, COMMON TO LOADING BAYS 1,2,3, AND 4.
5. FIVE UNLEADED GASOLINE PUMPS, 100 HP EACH, WITH MECHANICAL SEALS, COMMON TO LOADING BAYS 1,2,3, AND 4.
6. TWO ETHANOL PUMPS, 75 HP EACH, WITH MECHANICAL SEALS, COMMON TO LOADING BAYS 1, 2, 3, 4, AND 5.

BY THE FOLLOWING:

1. **ADDITION OF VERICONN (OR EQUIVALENT) HOSE CONNECTION VERIFICATION SYSTEM TO THE TWO 4" VAPOR RETURN LINES.**

Conditions:

1. **CONSTRUCTION AND 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 TOTAL COMBINED LOADING RATE OF LOADING RACK NOS. 1 THROUGH 5 SHALL NOT EXCEED 11,968 GALLONS PER MINUTE. THE OPERATOR SHALL USE A FLOW METER TO MEASURE THE FLOW RATE IN GALLONS PER MINUTE FOR EACH RACK, SHALL USE AN AUTOMATIC RECORDER TO RECORD THE FLOW/LOADING RATE OF EACH RACK IN GALLONS**

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- PER MINUTE, AND SHALL MAKE AVAILABLE THE LOADING RATE RECORDS TO DISTRICT PERSONNEL UPON REQUEST.
[RULE 1303(a)(1)-BACT]
4. THE OPERATOR SHALL LIMIT THE THROUGHPUT TO NO MORE THAN 3,726,000 GALLON(S) PER DAY.
- A. FOR THE PURPOSE OF THIS CONDITION, THROUGHPUT SHALL BE DEFINED AS THE TOTAL QUANTITY OF GASOLINE LOADED INTO TANK TRUCKS FROM LOADING BAY NOS. 1 THROUGH 5 COMBINED.
- B. THE OPERATOR SHALL MAINTAIN RECORDS IN A MANNER APPROVED BY THE DISTRICT TO DEMONSTRATE COMPLIANCE WITH THIS CONDITION.
[RULE 1303(b)(2)-Offset, RULE 462]
5. THE OPERATOR SHALL NOT OPERATE THIS EQUIPMENT UNLESS IT IS VENTED TO A CARBON ADSORBER OR THERMAL OXIDIZER, WHICH IS IN FULL USE AND HAS BEEN ISSUED A PERMIT TO OPERATE BY THE EXECUTIVE OFFICER
[RULE 1303(a)(1)-BACT; RULE 462; 40CFR 60 Subpart XX]
6. THE OPERATOR SHALL LIMIT THE THROUGHPUT TO NO MORE THAN 2,500,000 GALLON(S) PER DAY WHILE THE LOADING FACILITY IS VENTED TO ANY ONE CONTROL SYSTEM.
- A. FOR THE PURPOSE OF THIS CONDITION, THROUGHPUT SHALL BE DEFINED AS THE TOTAL QUANTITY OF GASOLINE LOADED INTO TANK TRUCKS FROM LOADING BAY NOS. 1 THROUGH 5, COMBINED, WHILE THE LOADING RACKS ARE VENTING TO THE "VAPOR CONTROL SYSTEM (CARBON ADSORPTION SYSTEM)".
- B. WHENEVER THE LOADING THROUGHPUT FOR THIS BULK LOADING FACILITY APPROACHES 2,500,000 GALLONS PER DAY, THE OPERATOR SHALL DIVERT THE VAPORS FROM THE LOADING OPERATION FROM THE CARBON ADSORPTION SYSTEM TO THE THERMAL OXIDIZER (OR VICE VERSA).
- C. THE OPERATOR SHALL MAINTAIN RECORDS IN A MANNER APPROVED BY THE DISTRICT TO DEMONSTRATE COMPLIANCE WITH THIS CONDITION.
[RULE 462]

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7. THE OPERATOR SHALL LIMIT THE THROUGHPUT TO NO MORE THAN 391,000 GALLON(S) PER DAY.

A. FOR THE PURPOSE OF THIS CONDITION, THROUGHPUT SHALL BE DEFINED AS THE LOADING RATE OF ETHANOL THROUGH LOADING BAY NO. 5.

B. THE OPERATOR SHALL MAINTAIN RECORDS IN A MANNER APPROVED BY THE DISTRICT TO DEMONSTRATE COMPLIANCE WITH THIS CONDITION.

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

8. IN ADDITION TO THE RECORDS REQUIRED UNDER RULE 462, THE LOADING THROUGHPUT RECORDS SHALL BE MAINTAINED FOR FIVE YEARS IN A FORMAT APPROVED BY THE DISTRICT, AND SHALL BE MADE AVAILABLE TO DISTRICT PERSONNEL UPON REQUEST.
[RULE 1303(b)(2)-Offset, RULE 462]

9. THE FOLLOWING BACT REQUIREMENTS SHALL APPLY TO VOC SERVICE FUGITIVE COMPONENTS ASSOCIATED WITH THIS EQUIPMENT:

ALL VALVES SHALL BE BELLOW-SEAL VALVES, EXCEPT IN THE FOLLOWING APPLICATIONS: VALVES IN HEAVY LIQUID SERVICE, CONTROL VALVES, INSTRUMENT PIPING/TUBING VALVES, VALVES REQUIRING TORSIONAL VALVE STEM MOTION, APPLICATIONS WHERE VALVE FAILURE COULD POSE SAFETY HAZARD (E.G., DRAIN VALVES WITH VALVE STEMS IN A HORIZONTAL POSITION), RETROFITS/SPECIAL APPLICATION VALVES WITH SPACE LIMITATIONS, AND VALVES NOT COMMERCIALY AVAILABLE. THE DISTRICT SHALL APPROVE ALL EXCEPTIONS TO THIS REQUIREMENT.

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PERMIT TO CONSTRUCT

**A/N 527782
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[RULE 1303(a)(1)-BACT]

- 10. THIS PERMIT TO CONSTRUCT SHALL EXPIRE ONE YEAR FROM THE DATE OF ISSUANCE UNLESS AN EXTENSION IS GRANTED BY THE EXECUTIVE OFFICER.**

Periodic Monitoring:

NONE

Emissions and Requirements:

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

VOC: RULE 462 0.08 LBS/1000 GAL ORGANIC LIQUID LOADED
VOC: 40CFR 60 SUBPART XX 35 MG/L GASOLINE LOADED