

FACILITY PERMIT TO CONSTRUCT ULTRAMAR, INC

Facility Equipment and Requirements (Section H)

This section consists of a table listing all individual Permits to Construct issued to various equipment at the facility. Each permit will list operating conditions, including periodic monitoring requirements and applicable emission limits and requirements. Also included are the rule origin and authority of each emission limit and permit condition.

FACILITY PERMIT TO CONSTRUCT ULTRAMAR, INC

PERMITTED EQUIPMENT LIST

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

Application Number	Equipment Description	Page Number
495059	STORAGE TANK FUEL OIL (NO. 299-TK-1501)	3
495064	STORAGE TANK FUEL OIL (NO. 299-TK-1502)	5
495068	STORAGE TANK FUEL OIL (NO. 299-TK-1503)	7
495069	STORAGE TANK FUEL OIL (NO. 299-TK-1504)	9
495073	STORAGE TANK FUEL OIL (NO. 299-TK-721)	11
495076	STORAGE TANK FUEL OIL (NO. 299-TK-722)	13
495079	STORAGE TANK FUEL OIL (NO. 299-TK-501)	15
495082	EMERGENCY IC ENGINE	17
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NOTE: ANY 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 CONSTRUCT ULTRAMAR, INC

PERMIT TO CONSTRUCT

Permit No. N/A
A/N 495059

Equipment Description:

STORAGE TANK, INTERNAL FLOATING ROOF, NO. 299-TK-1501, 141,271 BBL WORKING CAPACITY, 150'-0" DIA. x 55'-6" H., WITH A WELDED SHELL, A MECHANICAL SHOE PRIMARY SEAL, AND A RIM MOUNTED SECONDARY SEAL.

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 PRODUCTS STORED IN THIS EQUIPMENT SHALL ONLY CONSIST OF GAS OIL, DISTILLATE, LIGHT CYCLE OIL, DECANT, OR DIESEL.
[RULE 1401]
4. THE OPERATOR SHALL LIMIT THE THROUGHPUT TO NO MORE THAN 400,000 BARRELS IN ANY ONE CALENDAR MONTH.
[RULE 1303(b)(2)-Offset, RULE 1304 (c)(2) – Concurrent Facility Modification]
5. THE OPERATOR SHALL USE THIS EQUIPMENT IN SUCH A MANNER THAT THE ORGANIC VAPOR CONCENTRATION IN THE VAPOR SPACE ABOVE THE INTERNAL FLOATING ROOF, DOES NOT EXCEED 30 PERCENT OF THE LOWER EXPLOSIVE LIMIT (LEL).
[RULE 463]
6. THIS OPERATOR SHALL NOT USE THIS EQUIPMENT WITH MATERIALS HAVING A TRUE VAPOR PRESSURE OF GREATER THAN 1.5 PSIA UNDER ACTUAL STORAGE CONDITIONS.
[RULE 1303(b)(2)-Offset, RULE 1304 (c)(2) – Concurrent Facility Modification]
7. THE OPERATOR SHALL KEEP RECORDS, IN A MANNER APPROVED BY THE DISTRICT, FOR THE FOLLOWING PARAMETER(S) OR ITEM(S):

THROUGHPUT AND VAPOR PRESSURE OF STORED LIQUID.
[RULE 463]
8. THE OPERATOR SHALL COMPLY WITH THE FOLLOWING THROUGHPUT MEASUREMENT PRACTICES:

FACILITY PERMIT TO CONSTRUCT ULTRAMAR, INC

- A. THE OPERATOR SHALL CALCULATE THE THROUGHPUT, IN BARRELS, BY THE FOLLOWING EQUATION: $0.14 \times D \times D \times L$, WHERE D IS THE DIAMETER OF THE TANK, IN FEET, BASED ON THE TANK STRAPPING CHART, AND L IS THE TOTAL VERTICAL ONE-WAY ROOF TRAVEL, IN FEET PER MONTH.
- B. THE OPERATOR SHALL INSTALL AND MAINTAIN AN AUTOMATIC TANK LEVEL GAUGE (ATLG) AND RECORDER TO CONTINUOUSLY RECORD THE VERTICAL MOVEMENT OF THE ROOF. FOR THE PURPOSE OF THIS CONDITION, CONTINUOUS RECORDING IS DEFINED AS ONCE PER 15 MINUTES.
- C. THE OPERATOR SHALL CALCULATE THE TOTAL ONE-WAY ROOF MOVEMENT, IN FEET, ON A DAILY AND MONTHLY BASIS.
- D. THE ATLG INSTALLED SHALL BE VERIFIED ONCE PER QUARTER BY COMPARING AGAINST A MANUAL TANK LEVEL MEASUREMENT. IF THE ATLG DIFFERS FROM THE MANUAL TANK LEVEL MEASUREMENT BY MORE THAN 1.0 INCH OR 0.8%, WHICHEVER IS GREATER, THE ATLG SHALL BE REPAIRED AND PUT BACK INTO SERVICE WITHIN 10 DAYS. WHILE THE ATLG IS BEING REPAIRED, THE THROUGHPUT SHALL BE DETERMINED BY THE HOURLY TANK LEVEL DATA AVERAGED FROM THE PREVIOUS 30 DAYS PRIOR TO THE DISCOVERY OF THE DISCREPANCY.
- E. IN THE EVENT OF A FAILURE OR ROUTINE MAINTENANCE OF THE ATLG, THE ATLG SHALL BE REPAIRED (IF NECESSARY) AND PUT BACK INTO SERVICE WITHIN 10 DAYS OF THE TIME THAT THE ATLG FAILED OR WAS REMOVED FROM SERVICE FOR MAINTENANCE. WHILE THE ATLG IS BEING REPAIRED OR MAINTAINED, THE THROUGHPUT SHALL BE DETERMINED BY THE HOURLY TANK LEVEL DATA AVERAGED FROM THE PREVIOUS 30 DAYS PRIOR TO THE TIME THAT THE ATLG WENT OUT OF SERVICE.
[RULE 204]

Periodic Monitoring: NONE

Emissions and Requirements:

- 9. THIS EQUIPMENT IS SUBJECT TO THE APPLICABLE REQUIREMENTS OF THE FOLLOWING RULES AND REGULATIONS:
 - VOC: RULE 463
 - VOC: RULE 1149
 - VOC: RULE 1173
 - VOC: 40CFR, SUBPART Kb

FACILITY PERMIT TO CONSTRUCT ULTRAMAR, INC

PERMIT TO CONSTRUCT

Permit No. N/A
A/N 495064

Equipment Description:

STORAGE TANK, INTERNAL FLOATING ROOF, NO. 299-TK-1502, 141,271 BBL WORKING CAPACITY, 150'-0" DIA. x 55'-6" H., WITH A WELDED SHELL, A MECHANICAL SHOE PRIMARY SEAL, AND A RIM MOUNTED SECONDARY SEAL.

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 PRODUCTS STORED IN THIS EQUIPMENT SHALL ONLY CONSIST OF GAS OIL, DISTILLATE, LIGHT CYCLE OIL, DECANT, OR DIESEL.
[RULE 1401]
4. THE OPERATOR SHALL LIMIT THE THROUGHPUT TO NO MORE THAN 400,000 BARRELS IN ANY ONE CALENDAR MONTH.
[RULE 1303(b)(2)-Offset, RULE 1304 (c)(2) – Concurrent Facility Modification]
5. THE OPERATOR SHALL USE THIS EQUIPMENT IN SUCH A MANNER THAT THE ORGANIC VAPOR CONCENTRATION IN THE VAPOR SPACE ABOVE THE INTERNAL FLOATING ROOF, DOES NOT EXCEED 30 PERCENT OF THE LOWER EXPLOSIVE LIMIT (LEL).
[RULE 463]
6. THIS OPERATOR SHALL NOT USE THIS EQUIPMENT WITH MATERIALS HAVING A TRUE VAPOR PRESSURE OF GREATER THAN 1.5 PSIA UNDER ACTUAL STORAGE CONDITIONS.
[RULE 1303(b)(2)-Offset, RULE 1304 (c)(2) – Concurrent Facility Modification]
7. THE OPERATOR SHALL KEEP RECORDS, IN A MANNER APPROVED BY THE DISTRICT, FOR THE FOLLOWING PARAMETER(S) OR ITEM(S):

THROUGHPUT AND VAPOR PRESSURE OF STORED LIQUID.
[RULE 463]
8. THE OPERATOR SHALL COMPLY WITH THE FOLLOWING THROUGHPUT MEASUREMENT PRACTICES:

FACILITY PERMIT TO CONSTRUCT ULTRAMAR, INC

- A. THE OPERATOR SHALL CALCULATE THE THROUGHPUT, IN BARRELS, BY THE FOLLOWING EQUATION: $0.14 \times D \times D \times L$, WHERE D IS THE DIAMETER OF THE TANK, IN FEET, BASED ON THE TANK STRAPPING CHART, AND L IS THE TOTAL VERTICAL ONE-WAY ROOF TRAVEL, IN FEET PER MONTH.
- B. THE OPERATOR SHALL INSTALL AND MAINTAIN AN AUTOMATIC TANK LEVEL GAUGE (ATLG) AND RECORDER TO CONTINUOUSLY RECORD THE VERTICAL MOVEMENT OF THE ROOF. FOR THE PURPOSE OF THIS CONDITION, CONTINUOUS RECORDING IS DEFINED AS ONCE PER 15 MINUTES.
- C. THE OPERATOR SHALL CALCULATE THE TOTAL ONE-WAY ROOF MOVEMENT, IN FEET, ON A DAILY AND MONTHLY BASIS.
- D. THE ATLG INSTALLED SHALL BE VERIFIED ONCE PER QUARTER BY COMPARING AGAINST A MANUAL TANK LEVEL MEASUREMENT. IF THE ATLG DIFFERS FROM THE MANUAL TANK LEVEL MEASUREMENT BY MORE THAN 1.0 INCH OR 0.8%, WHICHEVER IS GREATER, THE ATLG SHALL BE REPAIRED AND PUT BACK INTO SERVICE WITHIN 10 DAYS. WHILE THE ATLG IS BEING REPAIRED, THE THROUGHPUT SHALL BE DETERMINED BY THE HOURLY TANK LEVEL DATA AVERAGED FROM THE PREVIOUS 30 DAYS PRIOR TO THE DISCOVERY OF THE DISCREPANCY.
- E. IN THE EVENT OF A FAILURE OR ROUTINE MAINTENANCE OF THE ATLG, THE ATLG SHALL BE REPAIRED (IF NECESSARY) AND PUT BACK INTO SERVICE WITHIN 10 DAYS OF THE TIME THAT THE ATLG FAILED OR WAS REMOVED FROM SERVICE FOR MAINTENANCE. WHILE THE ATLG IS BEING REPAIRED OR MAINTAINED, THE THROUGHPUT SHALL BE DETERMINED BY THE HOURLY TANK LEVEL DATA AVERAGED FROM THE PREVIOUS 30 DAYS PRIOR TO THE TIME THAT THE ATLG WENT OUT OF SERVICE.
[RULE 204]

Periodic Monitoring: NONE

Emissions and Requirements:

- 9. THIS EQUIPMENT IS SUBJECT TO THE APPLICABLE REQUIREMENTS OF THE FOLLOWING RULES AND REGULATIONS:
 - VOC: RULE 463
 - VOC: RULE 1149
 - VOC: RULE 1173
 - VOC: 40CFR, SUBPART Kb

FACILITY PERMIT TO CONSTRUCT ULTRAMAR, INC

PERMIT TO CONSTRUCT

Permit No. N/A
A/N 495068

Equipment Description:

STORAGE TANK, INTERNAL FLOATING ROOF, NO. 299-TK-1503, 141,271 BBL WORKING CAPACITY, 150'-0" DIA. x 55'-6" H., WITH A WELDED SHELL, A MECHANICAL SHOE PRIMARY SEAL, AND A RIM MOUNTED SECONDARY SEAL.

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 PRODUCTS STORED IN THIS EQUIPMENT SHALL ONLY CONSIST OF GAS OIL, DISTILLATE, LIGHT CYCLE OIL, DECANT, OR DIESEL.
[RULE 1401]
4. THE OPERATOR SHALL LIMIT THE THROUGHPUT TO NO MORE THAN 400,000 BARRELS IN ANY ONE CALENDAR MONTH.
[RULE 1303(b)(2)-Offset, RULE 1304 (c)(2) – Concurrent Facility Modification]
5. THE OPERATOR SHALL USE THIS EQUIPMENT IN SUCH A MANNER THAT THE ORGANIC VAPOR CONCENTRATION IN THE VAPOR SPACE ABOVE THE INTERNAL FLOATING ROOF, DOES NOT EXCEED 30 PERCENT OF THE LOWER EXPLOSIVE LIMIT (LEL).
[RULE 463]
6. THIS OPERATOR SHALL NOT USE THIS EQUIPMENT WITH MATERIALS HAVING A TRUE VAPOR PRESSURE OF GREATER THAN 1.5 PSIA UNDER ACTUAL STORAGE CONDITIONS.
[RULE 1303(b)(2)-Offset, RULE 1304 (c)(2) – Concurrent Facility Modification]
7. THE OPERATOR SHALL KEEP RECORDS, IN A MANNER APPROVED BY THE DISTRICT, FOR THE FOLLOWING PARAMETER(S) OR ITEM(S):

THROUGHPUT AND VAPOR PRESSURE OF STORED LIQUID.
[RULE 463]
8. THE OPERATOR SHALL COMPLY WITH THE FOLLOWING THROUGHPUT MEASUREMENT PRACTICES:

FACILITY PERMIT TO CONSTRUCT ULTRAMAR, INC

- A. THE OPERATOR SHALL CALCULATE THE THROUGHPUT, IN BARRELS, BY THE FOLLOWING EQUATION: $0.14 \times D \times D \times L$, WHERE D IS THE DIAMETER OF THE TANK, IN FEET, BASED ON THE TANK STRAPPING CHART, AND L IS THE TOTAL VERTICAL ONE-WAY ROOF TRAVEL, IN FEET PER MONTH.
- B. THE OPERATOR SHALL INSTALL AND MAINTAIN AN AUTOMATIC TANK LEVEL GAUGE (ATLG) AND RECORDER TO CONTINUOUSLY RECORD THE VERTICAL MOVEMENT OF THE ROOF. FOR THE PURPOSE OF THIS CONDITION, CONTINUOUS RECORDING IS DEFINED AS ONCE PER 15 MINUTES.
- C. THE OPERATOR SHALL CALCULATE THE TOTAL ONE-WAY ROOF MOVEMENT, IN FEET, ON A DAILY AND MONTHLY BASIS.
- D. THE ATLG INSTALLED SHALL BE VERIFIED ONCE PER QUARTER BY COMPARING AGAINST A MANUAL TANK LEVEL MEASUREMENT. IF THE ATLG DIFFERS FROM THE MANUAL TANK LEVEL MEASUREMENT BY MORE THAN 1.0 INCH OR 0.8%, WHICHEVER IS GREATER, THE ATLG SHALL BE REPAIRED AND PUT BACK INTO SERVICE WITHIN 10 DAYS. WHILE THE ATLG IS BEING REPAIRED, THE THROUGHPUT SHALL BE DETERMINED BY THE HOURLY TANK LEVEL DATA AVERAGED FROM THE PREVIOUS 30 DAYS PRIOR TO THE DISCOVERY OF THE DISCREPANCY.
- E. IN THE EVENT OF A FAILURE OR ROUTINE MAINTENANCE OF THE ATLG, THE ATLG SHALL BE REPAIRED (IF NECESSARY) AND PUT BACK INTO SERVICE WITHIN 10 DAYS OF THE TIME THAT THE ATLG FAILED OR WAS REMOVED FROM SERVICE FOR MAINTENANCE. WHILE THE ATLG IS BEING REPAIRED OR MAINTAINED, THE THROUGHPUT SHALL BE DETERMINED BY THE HOURLY TANK LEVEL DATA AVERAGED FROM THE PREVIOUS 30 DAYS PRIOR TO THE TIME THAT THE ATLG WENT OUT OF SERVICE.
[RULE 204]

Periodic Monitoring: NONE

Emissions and Requirements:

- 9. THIS EQUIPMENT IS SUBJECT TO THE APPLICABLE REQUIREMENTS OF THE FOLLOWING RULES AND REGULATIONS:
 - VOC: RULE 463
 - VOC: RULE 1149
 - VOC: RULE 1173
 - VOC: 40CFR, SUBPART Kb

FACILITY PERMIT TO CONSTRUCT ULTRAMAR, INC

PERMIT TO CONSTRUCT

Permit No.
A/N 495069

Equipment Description:

STORAGE TANK, INTERNAL FLOATING ROOF, NO. 299-TK-1504, 141,271 BBL WORKING CAPACITY, 150'-0" DIA. x 55'-6" H., WITH A WELDED SHELL, A MECHANICAL SHOE PRIMARY SEAL, AND A RIM MOUNTED SECONDARY SEAL.

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 PRODUCTS STORED IN THIS EQUIPMENT SHALL ONLY CONSIST OF GAS OIL, DISTILLATE, LIGHT CYCLE OIL, DECANT, OR DIESEL.
[RULE 1401]
4. THE OPERATOR SHALL LIMIT THE THROUGHPUT TO NO MORE THAN 400,000 BARRELS IN ANY ONE CALENDAR MONTH.
[RULE 1303(b)(2)-Offset, RULE 1304 (c)(2) – Concurrent Facility Modification]
5. THE OPERATOR SHALL USE THIS EQUIPMENT IN SUCH A MANNER THAT THE ORGANIC VAPOR CONCENTRATION IN THE VAPOR SPACE ABOVE THE INTERNAL FLOATING ROOF, DOES NOT EXCEED 30 PERCENT OF THE LOWER EXPLOSIVE LIMIT (LEL).
[RULE 463]
6. THIS OPERATOR SHALL NOT USE THIS EQUIPMENT WITH MATERIALS HAVING A TRUE VAPOR PRESSURE OF GREATER THAN 1.5 PSIA UNDER ACTUAL STORAGE CONDITIONS.
[RULE 1303(b)(2)-Offset, RULE 1304 (c)(2) – Concurrent Facility Modification]
7. THE OPERATOR SHALL KEEP RECORDS, IN A MANNER APPROVED BY THE DISTRICT, FOR THE FOLLOWING PARAMETER(S) OR ITEM(S):

THROUGHPUT AND VAPOR PRESSURE OF STORED LIQUID.
[RULE 463]

FACILITY PERMIT TO CONSTRUCT ULTRAMAR, INC

8. THE OPERATOR SHALL COMPLY WITH THE FOLLOWING THROUGHPUT MEASUREMENT PRACTICES:
- A. THE OPERATOR SHALL CALCULATE THE THROUGHPUT, IN BARRELS, BY THE FOLLOWING EQUATION: $0.14 \times D \times D \times L$, WHERE D IS THE DIAMETER OF THE TANK, IN FEET, BASED ON THE TANK STRAPPING CHART, AND L IS THE TOTAL VERTICAL ONE-WAY ROOF TRAVEL, IN FEET PER MONTH.
 - B. THE OPERATOR SHALL INSTALL AND MAINTAIN AN AUTOMATIC TANK LEVEL GAUGE (ATLG) AND RECORDER TO CONTINUOUSLY RECORD THE VERTICAL MOVEMENT OF THE ROOF. FOR THE PURPOSE OF THIS CONDITION, CONTINUOUS RECORDING IS DEFINED AS ONCE PER 15 MINUTES.
 - C. THE OPERATOR SHALL CALCULATE THE TOTAL ONE-WAY ROOF MOVEMENT, IN FEET, ON A DAILY AND MONTHLY BASIS.
 - D. THE ATLG INSTALLED SHALL BE VERIFIED ONCE PER QUARTER BY COMPARING AGAINST A MANUAL TANK LEVEL MEASUREMENT. IF THE ATLG DIFFERS FROM THE MANUAL TANK LEVEL MEASUREMENT BY MORE THAN 1.0 INCH OR 0.8%, WHICHEVER IS GREATER, THE ATLG SHALL BE REPAIRED AND PUT BACK INTO SERVICE WITHIN 10 DAYS. WHILE THE ATLG IS BEING REPAIRED, THE THROUGHPUT SHALL BE DETERMINED BY THE HOURLY TANK LEVEL DATA AVERAGED FROM THE PREVIOUS 30 DAYS PRIOR TO THE DISCOVERY OF THE DISCREPANCY.
 - E. IN THE EVENT OF A FAILURE OR ROUTINE MAINTENANCE OF THE ATLG, THE ATLG SHALL BE REPAIRED (IF NECESSARY) AND PUT BACK INTO SERVICE WITHIN 10 DAYS OF THE TIME THAT THE ATLG FAILED OR WAS REMOVED FROM SERVICE FOR MAINTENANCE. WHILE THE ATLG IS BEING REPAIRED OR MAINTAINED, THE THROUGHPUT SHALL BE DETERMINED BY THE HOURLY TANK LEVEL DATA AVERAGED FROM THE PREVIOUS 30 DAYS PRIOR TO THE TIME THAT THE ATLG WENT OUT OF SERVICE.
[RULE 204]

Periodic Monitoring: NONE

Emissions and Requirements:

9. THIS EQUIPMENT IS SUBJECT TO THE APPLICABLE REQUIREMENTS OF THE FOLLOWING RULES AND REGULATIONS:
- VOC: RULE 463
 - VOC: RULE 1149
 - VOC: RULE 1173
 - VOC: 40CFR, SUBPART Kb

FACILITY PERMIT TO CONSTRUCT ULTRAMAR, INC

PERMIT TO CONSTRUCT

Permit No. N/A
A/N 495073

Equipment Description:

STORAGE TANK, INTERNAL FLOATING ROOF, NO. 299-TK-721, 62,277 BBL WORKING CAPACITY, 120'-0" DIA. x 40'-0" H., WITH A WELDED SHELL, A MECHANICAL SHOE PRIMARY SEAL, AND A RIM MOUNTED SECONDARY SEAL.

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 PRODUCTS STORED IN THIS EQUIPMENT SHALL ONLY CONSIST OF GAS OIL, DISTILLATE, LIGHT CYCLE OIL, DECANT, OR DIESEL.
[RULE 1401]
4. THE OPERATOR SHALL LIMIT THE THROUGHPUT TO NO MORE THAN 74,175 BARRELS IN ANY ONE CALENDAR MONTH.
[RULE 1303(b)(2)-Offset, RULE 1304 (c)(2) – Concurrent Facility Modification]
5. THE OPERATOR SHALL USE THIS EQUIPMENT IN SUCH A MANNER THAT THE ORGANIC VAPOR CONCENTRATION IN THE VAPOR SPACE ABOVE THE INTERNAL FLOATING ROOF, DOES NOT EXCEED 30 PERCENT OF THE LOWER EXPLOSIVE LIMIT (LEL).
[RULE 463]
6. THIS OPERATOR SHALL NOT USE THIS EQUIPMENT WITH MATERIALS HAVING A TRUE VAPOR PRESSURE OF GREATER THAN 1.5 PSIA UNDER ACTUAL STORAGE CONDITIONS.
[RULE 1303(b)(2)-Offset, RULE 1304 (c)(2) – Concurrent Facility Modification]
7. THE OPERATOR SHALL KEEP RECORDS, IN A MANNER APPROVED BY THE DISTRICT, FOR THE FOLLOWING PARAMETER(S) OR ITEM(S):

THROUGHPUT AND VAPOR PRESSURE OF STORED LIQUID.
[RULE 463]

FACILITY PERMIT TO CONSTRUCT ULTRAMAR, INC

8. THE OPERATOR SHALL COMPLY WITH THE FOLLOWING THROUGHPUT MEASUREMENT PRACTICES:
- A. THE OPERATOR SHALL CALCULATE THE THROUGHPUT, IN BARRELS, BY THE FOLLOWING EQUATION: $0.14 \times D \times D \times L$, WHERE D IS THE DIAMETER OF THE TANK, IN FEET, BASED ON THE TANK STRAPPING CHART, AND L IS THE TOTAL VERTICAL ONE-WAY ROOF TRAVEL, IN FEET PER MONTH.
 - B. THE OPERATOR SHALL INSTALL AND MAINTAIN AN AUTOMATIC TANK LEVEL GAUGE (ATLG) AND RECORDER TO CONTINUOUSLY RECORD THE VERTICAL MOVEMENT OF THE ROOF. FOR THE PURPOSE OF THIS CONDITION, CONTINUOUS RECORDING IS DEFINED AS ONCE PER 15 MINUTES.
 - C. THE OPERATOR SHALL CALCULATE THE TOTAL ONE-WAY ROOF MOVEMENT, IN FEET, ON A DAILY AND MONTHLY BASIS.
 - D. THE ATLG INSTALLED SHALL BE VERIFIED ONCE PER QUARTER BY COMPARING AGAINST A MANUAL TANK LEVEL MEASUREMENT. IF THE ATLG DIFFERS FROM THE MANUAL TANK LEVEL MEASUREMENT BY MORE THAN 1.0 INCH OR 0.8%, WHICHEVER IS GREATER, THE ATLG SHALL BE REPAIRED AND PUT BACK INTO SERVICE WITHIN 10 DAYS. WHILE THE ATLG IS BEING REPAIRED, THE THROUGHPUT SHALL BE DETERMINED BY THE HOURLY TANK LEVEL DATA AVERAGED FROM THE PREVIOUS 30 DAYS PRIOR TO THE DISCOVERY OF THE DISCREPANCY.
 - E. IN THE EVENT OF A FAILURE OR ROUTINE MAINTENANCE OF THE ATLG, THE ATLG SHALL BE REPAIRED (IF NECESSARY) AND PUT BACK INTO SERVICE WITHIN 10 DAYS OF THE TIME THAT THE ATLG FAILED OR WAS REMOVED FROM SERVICE FOR MAINTENANCE. WHILE THE ATLG IS BEING REPAIRED OR MAINTAINED, THE THROUGHPUT SHALL BE DETERMINED BY THE HOURLY TANK LEVEL DATA AVERAGED FROM THE PREVIOUS 30 DAYS PRIOR TO THE TIME THAT THE ATLG WENT OUT OF SERVICE.
[RULE 204]

Periodic Monitoring: NONE

Emissions and Requirements:

9. THIS EQUIPMENT IS SUBJECT TO THE APPLICABLE REQUIREMENTS OF THE FOLLOWING RULES AND REGULATIONS:
- VOC: RULE 463
 - VOC: RULE 1149
 - VOC: RULE 1173

FACILITY PERMIT TO CONSTRUCT ULTRAMAR, INC

PERMIT TO CONSTRUCT

Permit No. N/A
A/N 495076

Equipment Description:

STORAGE TANK, INTERNAL FLOATING ROOF, NO. 299-TK-722, 62,277 BBL WORKING CAPACITY, 120'-0" DIA. x 40'-0" H., WITH A WELDED SHELL, A MECHANICAL SHOE PRIMARY SEAL, AND A RIM MOUNTED SECONDARY SEAL.

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 PRODUCTS STORED IN THIS EQUIPMENT SHALL ONLY CONSIST OF GAS OIL, DISTILLATE, LIGHT CYCLE OIL, DECANT, OR DIESEL.
[RULE 1401]
4. THE OPERATOR SHALL LIMIT THE THROUGHPUT TO NO MORE THAN 74,175 BARRELS IN ANY ONE CALENDAR MONTH.
[RULE 1303(b)(2)-Offset, RULE 1304 (c)(2) – Concurrent Facility Modification]
5. THE OPERATOR SHALL USE THIS EQUIPMENT IN SUCH A MANNER THAT THE ORGANIC VAPOR CONCENTRATION IN THE VAPOR SPACE ABOVE THE INTERNAL FLOATING ROOF, DOES NOT EXCEED 30 PERCENT OF THE LOWER EXPLOSIVE LIMIT (LEL).
[RULE 463]
6. THIS OPERATOR SHALL NOT USE THIS EQUIPMENT WITH MATERIALS HAVING A TRUE VAPOR PRESSURE OF GREATER THAN 1.5 PSIA UNDER ACTUAL STORAGE CONDITIONS.
[RULE 1303(b)(2)-Offset, RULE 1304 (c)(2) – Concurrent Facility Modification]
7. THE OPERATOR SHALL KEEP RECORDS, IN A MANNER APPROVED BY THE DISTRICT, FOR THE FOLLOWING PARAMETER(S) OR ITEM(S):

THROUGHPUT AND VAPOR PRESSURE OF STORED LIQUID.
[RULE 463]
8. THE OPERATOR SHALL COMPLY WITH THE FOLLOWING THROUGHPUT MEASUREMENT PRACTICES:

FACILITY PERMIT TO CONSTRUCT ULTRAMAR, INC

- A. THE OPERATOR SHALL CALCULATE THE THROUGHPUT, IN BARRELS, BY THE FOLLOWING EQUATION: $0.14 \times D \times D \times L$, WHERE D IS THE DIAMETER OF THE TANK, IN FEET, BASED ON THE TANK STRAPPING CHART, AND L IS THE TOTAL VERTICAL ONE-WAY ROOF TRAVEL, IN FEET PER MONTH.
- B. THE OPERATOR SHALL INSTALL AND MAINTAIN AN AUTOMATIC TANK LEVEL GAUGE (ATLG) AND RECORDER TO CONTINUOUSLY RECORD THE VERTICAL MOVEMENT OF THE ROOF. FOR THE PURPOSE OF THIS CONDITION, CONTINUOUS RECORDING IS DEFINED AS ONCE PER 15 MINUTES.
- C. THE OPERATOR SHALL CALCULATE THE TOTAL ONE-WAY ROOF MOVEMENT, IN FEET, ON A DAILY AND MONTHLY BASIS.
- D. THE ATLG INSTALLED SHALL BE VERIFIED ONCE PER QUARTER BY COMPARING AGAINST A MANUAL TANK LEVEL MEASUREMENT. IF THE ATLG DIFFERS FROM THE MANUAL TANK LEVEL MEASUREMENT BY MORE THAN 1.0 INCH OR 0.8%, WHICHEVER IS GREATER, THE ATLG SHALL BE REPAIRED AND PUT BACK INTO SERVICE WITHIN 10 DAYS. WHILE THE ATLG IS BEING REPAIRED, THE THROUGHPUT SHALL BE DETERMINED BY THE HOURLY TANK LEVEL DATA AVERAGED FROM THE PREVIOUS 30 DAYS PRIOR TO THE DISCOVERY OF THE DISCREPANCY.
- E. IN THE EVENT OF A FAILURE OR ROUTINE MAINTENANCE OF THE ATLG, THE ATLG SHALL BE REPAIRED (IF NECESSARY) AND PUT BACK INTO SERVICE WITHIN 10 DAYS OF THE TIME THAT THE ATLG FAILED OR WAS REMOVED FROM SERVICE FOR MAINTENANCE. WHILE THE ATLG IS BEING REPAIRED OR MAINTAINED, THE THROUGHPUT SHALL BE DETERMINED BY THE HOURLY TANK LEVEL DATA AVERAGED FROM THE PREVIOUS 30 DAYS PRIOR TO THE TIME THAT THE ATLG WENT OUT OF SERVICE.
[RULE 204]

Periodic Monitoring: NONE

Emissions and Requirements:

- 9. THIS EQUIPMENT IS SUBJECT TO THE APPLICABLE REQUIREMENTS OF THE FOLLOWING RULES AND REGULATIONS:
 - VOC: RULE 463
 - VOC: RULE 1149
 - VOC: RULE 1173

FACILITY PERMIT TO CONSTRUCT ULTRAMAR, INC

PERMIT TO CONSTRUCT

Permit No. N/A
A/N 495079

Equipment Description:

STORAGE TANK, INTERNAL FLOATING ROOF, NO. 299-TK-501, 43,364 BBL WORKING CAPACITY, 100'-0" DIA. x 40'-0" H., WITH A WELDED SHELL, A MECHANICAL SHOE PRIMARY SEAL, AND A RIM MOUNTED SECONDARY SEAL.

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 PRODUCTS STORED IN THIS EQUIPMENT SHALL ONLY CONSIST OF GAS OIL, DISTILLATE, LIGHT CYCLE OIL, DECANT, OR DIESEL.
[RULE 1401]
4. THE OPERATOR SHALL LIMIT THE THROUGHPUT TO NO MORE THAN 51,650 BARRELS IN ANY ONE CALENDAR MONTH.
[RULE 1303(b)(2)-Offset, RULE 1304 (c)(2) – Concurrent Facility Modification]
5. THE OPERATOR SHALL USE THIS EQUIPMENT IN SUCH A MANNER THAT THE ORGANIC VAPOR CONCENTRATION IN THE VAPOR SPACE ABOVE THE INTERNAL FLOATING ROOF, DOES NOT EXCEED 30 PERCENT OF THE LOWER EXPLOSIVE LIMIT (LEL).
[RULE 463]
6. THIS OPERATOR SHALL NOT USE THIS EQUIPMENT WITH MATERIALS HAVING A TRUE VAPOR PRESSURE OF GREATER THAN 1.5 PSIA UNDER ACTUAL STORAGE CONDITIONS.
[RULE 1303(b)(2)-Offset, RULE 1304 (c)(2) – Concurrent Facility Modification]
7. THE OPERATOR SHALL KEEP RECORDS, IN A MANNER APPROVED BY THE DISTRICT, FOR THE FOLLOWING PARAMETER(S) OR ITEM(S):

THROUGHPUT AND VAPOR PRESSURE OF STORED LIQUID.
[RULE 463]
8. THE OPERATOR SHALL COMPLY WITH THE FOLLOWING THROUGHPUT MEASUREMENT PRACTICES:

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- A. THE OPERATOR SHALL CALCULATE THE THROUGHPUT, IN BARRELS, BY THE FOLLOWING EQUATION: $0.14 \times D \times D \times L$, WHERE D IS THE DIAMETER OF THE TANK, IN FEET, BASED ON THE TANK STRAPPING CHART, AND L IS THE TOTAL VERTICAL ONE-WAY ROOF TRAVEL, IN FEET PER MONTH.
- B. THE OPERATOR SHALL INSTALL AND MAINTAIN AN AUTOMATIC TANK LEVEL GAUGE (ATLG) AND RECORDER TO CONTINUOUSLY RECORD THE VERTICAL MOVEMENT OF THE ROOF. FOR THE PURPOSE OF THIS CONDITION, CONTINUOUS RECORDING IS DEFINED AS ONCE PER 15 MINUTES.
- C. THE OPERATOR SHALL CALCULATE THE TOTAL ONE-WAY ROOF MOVEMENT, IN FEET, ON A DAILY AND MONTHLY BASIS.
- D. THE ATLG INSTALLED SHALL BE VERIFIED ONCE PER QUARTER BY COMPARING AGAINST A MANUAL TANK LEVEL MEASUREMENT. IF THE ATLG DIFFERS FROM THE MANUAL TANK LEVEL MEASUREMENT BY MORE THAN 1.0 INCH OR 0.8%, WHICHEVER IS GREATER, THE ATLG SHALL BE REPAIRED AND PUT BACK INTO SERVICE WITHIN 10 DAYS. WHILE THE ATLG IS BEING REPAIRED, THE THROUGHPUT SHALL BE DETERMINED BY THE HOURLY TANK LEVEL DATA AVERAGED FROM THE PREVIOUS 30 DAYS PRIOR TO THE DISCOVERY OF THE DISCREPANCY.
- E. IN THE EVENT OF A FAILURE OR ROUTINE MAINTENANCE OF THE ATLG, THE ATLG SHALL BE REPAIRED (IF NECESSARY) AND PUT BACK INTO SERVICE WITHIN 10 DAYS OF THE TIME THAT THE ATLG FAILED OR WAS REMOVED FROM SERVICE FOR MAINTENANCE. WHILE THE ATLG IS BEING REPAIRED OR MAINTAINED, THE THROUGHPUT SHALL BE DETERMINED BY THE HOURLY TANK LEVEL DATA AVERAGED FROM THE PREVIOUS 30 DAYS PRIOR TO THE TIME THAT THE ATLG WENT OUT OF SERVICE.
[RULE 204]

Periodic Monitoring: NONE

Emissions and Requirements:

9. THIS EQUIPMENT IS SUBJECT TO THE APPLICABLE REQUIREMENTS OF THE FOLLOWING RULES AND REGULATIONS:
- VOC: RULE 463
VOC: RULE 1149
VOC: RULE 1173

FACILITY PERMIT TO CONSTRUCT ULTRAMAR, INC

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Permit No. N/A
A/N 495082

Equipment Description:

INTERNAL COMBUSTION ENGINE, EMERGENCY FIRE PUMP, DIESEL, CUMMINS, MODEL NUMBER CFP 15E-F20, TURBOCHARGED, 6 CYLINDERS, 525 HP, OR APPROVED EQUIVALENT

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 ENGINE 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 AND NO MORE THAN 4.2 HOURS IN ANY ONE MONTH FOR MAINTENANCE AND TESTING.
[RULE 1304(a)(4) – Emergency Equipment, RULE 1470]
4. AN OPERATIONAL NON-RESETTABLE TOTALIZING TIME METER SHALL BE INSTALLED AND MAINTAINED TO INDICATE THE ENGINE ELAPSED OPERATING TIME.
[RULE 204, 40 CFR Part 60, Subpart III]
5. ON OR BEFORE JANUARY 15TH OF EACH YEAR, THE OPERATOR SHALL RECORD IN THE ENGINE OPERATING LOG:
 - A. THE TOTAL HOURS OF ENGINE OPERATION FOR THE PREVIOUS CALENDAR YEAR, AND
 - B. THE TOTAL HOURS OF ENGINE OPERATION FOR MAINTENANCE AND TESTING FOR THE PREVIOUS CALENDAR YEAR.ENGINE OPERATION LOG(S) SHALL BE RETAINED ON SITE FOR A MINIMUM OF FIVE CALENDAR YEARS AND SHALL BE MADE AVAILABLE TO THE EXECUTIVE OFFICER OR REPRESENTATIVE UPON REQUEST.
[RULE 204]
6. THE OPERATOR SHALL KEEP A LOG OF ENGINE OPERATIONS DOCUMENTING THE TOTAL TIME THE ENGINE IS OPERATED EACH MONTH AND THE SPECIFIC REASON FOR OPERATION AS:
 - A. EMERGENCY USE
 - B. MAINTENANCE AND TESTING
 - C. OTHER (BE SPECIFIC)

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

7. THE OPERATOR SHALL COMPLY WITH ALL APPLICABLE REQUIREMENTS OF RULES 431.2 AND 1470.
[RULE 1470, RULE 431.2]

Periodic Monitoring:

NONE

Emissions and Requirements:

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

NO _x + ROG:	3.0 GM/BHP-HR	40 CFR Part 60, Subpart III, RULE 1303 (a)(1) BACT
CO:	2.6 GM/BHP-HR	40 CFR Part 60, Subpart III, RULE 1303 (a)(1) BACT
PM:	0.15 GM/BHP-HR	40 CFR Part 60, Subpart III, RULE 1303 (a)(1) BACT
	40 CFR Part 63, Subpart ZZZZ	

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Permit No. N/A
A/N 495085

Equipment Description:

INTERNAL COMBUSTION ENGINE, EMERGENCY FIRE PUMP, DIESEL, CUMMINS, MODEL NUMBER CFP 15E-F20, TURBOCHARGED, 6 CYLINDERS, 525 HP, OR APPROVED EQUIVALENT

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 ENGINE 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 AND NO MORE THAN 4.2 HOURS IN ANY ONE MONTH FOR MAINTENANCE AND TESTING.
[RULE 1304(a)(4) – Emergency Equipment, RULE 1470]
4. AN OPERATIONAL NON-RESETTABLE TOTALIZING TIME METER SHALL BE INSTALLED AND MAINTAINED TO INDICATE THE ENGINE ELAPSED OPERATING TIME.
[RULE 204, 40 CFR Part 60, Subpart III]
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[RULE 204]
6. THE OPERATOR SHALL KEEP A LOG OF ENGINE OPERATIONS DOCUMENTING THE TOTAL TIME THE ENGINE IS OPERATED EACH MONTH AND THE SPECIFIC REASON FOR OPERATION AS:
 - A. EMERGENCY USE
 - B. MAINTENANCE AND TESTING
 - C. OTHER (BE SPECIFIC)

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

7. THE OPERATOR SHALL COMPLY WITH ALL APPLICABLE REQUIREMENTS OF RULES 431.2 AND 1470.
[RULE 1470, RULE 431.2]

Periodic Monitoring:

NONE

Emissions and Requirements:

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

NO _x + ROG:	3.0 GM/BHP-HR	40 CFR Part 60, Subpart III, RULE 1303 (a)(1) BACT
CO:	2.6 GM/BHP-HR	40 CFR Part 60, Subpart III, RULE 1303 (a)(1) BACT
PM:	0.15 GM/BHP-HR	40 CFR Part 60, Subpart III, RULE 1303 (a)(1) BACT
	40 CFR Part 63, Subpart ZZZZ	

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