Table VII - A

Applicable Limits and Compliance Monitoring Requirements
S1, S28, S29, S30, S31, S32 - Loading Racks, 1, 2, 3, 4, 5, 6

| | | | | 31, 320, 329, 331, 332 - LUADING NACAS, 1, | 30, 331, 33 | L LOAUIN | NACAS, 1, | 1. | |
|-------|-------------|-----|------------|--|---------------|------------|----------------|--------------------|------------------------|
| | | | Future | | Monitoring | Monitoring | Monitoring | during Period: | Additional Information |
| Type | Citation of | Æ | Effective | | Requireme | Frequency | Type | "Continuous"; | |
| of | Limit | N/A | Date | Limit | nt Citation | (P/C/N) | | "Intermittent"; or | |
| Limit | | | | | | | | Not in Computance | |
| РОС | BAAQMD | z | | 9.6 g/1000 liters (0.08 | BAAQMD | P/9-15 | Source test, | Continuous | |
| | 8-33-301.1 | | | lb/1000 gallons) | 8-33-309-4; | months | Recordkeeping | | |
| | | | | | CARB | | | | |
| | | | | | Certification | | | | |
| POC | BAAQMD | Z | 01/10/2011 | 0.04 lb/1000 gallons | BAAQMD | C: P/9-15 | Parametric; | | |
| | 8-33-301.2 | | | | 8-33-309-4; | months | Source test; | | |
| | | | | | 8-33-309.13; | | Recordkeeping | | |
| | | | | | CARB | | ; Notification | | |
| | | | | | Certification | | | | |
| | BAAQMD | Z | 01/10/2011 | < 3,000 ppm as methane | BAAQMD | Ç; | Infrared HC | | |
| | 8-33-308 | | | or 6% of the lel | 8-33-308.2; | P/weekley | Analyzer; | | |
| | | | | | BAAQMD | | Recordkeeping | | |
| | | | | | Condition | | | | |
| | | | | | #7492, part | | | | |
| | | | | | 5d, and part | | | | |
| | | | | | 9 | | | | |
| РОС | BAAQMD | z | 01/10/2011 | 18 in. of water column | BAAQMD | P/during | Pressure | | |
| | 8-33-309.2 | | | | 8-33-309.11, | product | gauge; | | |
| | | | | | and | loading | Recordkeeping | | |
| | | | | | BAAQMD | | | | |
| | | | | | Condition | | | | |
| | | | | | #7492, part | | | | |
| | | | | | 5b | | | | |

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Table VII - A

Applicable Limits and Compliance Monitoring Requirements
S1, S28, S29, S30, S31, S32 – LOADING RACKS, 1, 2, 3, 4, 5, 6

| | | | | 31, 320, 327, 330, 331, 332 - LUADING NACAS, 1, 2, 3, 4, 3, 0 | 30, 331, 33 | 4 - LOADIN | G NACKS, 1, | 4, 3, 4, 3, 0 | |
|-------|-------------|----------|-----------|---|---------------|--------------|----------------|--------------------|------------------------|
| | · | | Future | | Monitoring | Monitoring | Monitoring | Compliance Status | Additional Information |
| Type | Citation of | FΕ | Effective | | Requireme | Frequency | Type | "Continuous"; | |
| of | Limit | Ϋ́N | Date | Limit | nt Citation | (P/C/N) | | "Intermittent"; or | |
| Limit | | | | | | | | Not in Computance | |
| РОС | SIP 8-33- | ۲ | | 9.6 g/1000 liters (0.08 | CARB | P/6 months; | Source test, | Continuous | |
| | 301. | | | lb/1000 gallons) | Certification | throughput | Recordkeeping | | |
| | | | | | | limit | | | |
| | | | | *************************************** | | revision | | | |
| | SIP 8-33- | ~ | | 3,000 ppm as methane | BAAQMD | C | Infrared HC | Continuous | |
| | 308 | | | and 6.8 Kg (15 pounds) | Condition | | Analyzer | | |
| | | _ | | per day | #7492, part | | | | |
| | | | | | 5d, and part | | | | |
| | | | | | 9 | | | | |
| | SIP 8-33- | ۲ | | 46 cm (18 in.) of water | BAAQMD | P/during | Pressure gauge | Continuous | |
| | 309 | | | column | 8-33-309, | product | | | |
| | | | | | and | loading | | | |
| | | | | | BAAQMD | | | | |
| | | | | | Condition | | | | |
| | | | | | #7492, part | | | | |
| | | | | | 5b | | | | |
| | 40 CFR | × | | 35 g/1000 liters | 40 CFR | P/6 months | Source test | Continuous | · |
| | 60.502(b) | | | | 60.503(c) | | | | |
| POC | 40 CFR | ~ | | Vapor-tight gasoline | 40 CFR | P/during | Vapor | Continuous | |
| | 60.502(e) | | | tank trucks | 60.505(b) | product | tightness | | |
| | | | | | | loading, and | documents | | |
| | | | | | | within 2 | | | |
| | | | | | | weeks | | | |
| | | | | | | | | | |

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Applicable Limits and Compliance Monitoring Requirements S1, S28, S29, S30, S31, S32 – LOADING RACKS, 1, 2, 3, 4, 5, 6 Table VII - A

| | | | | 31, 323, 327, 330, 331, 332 - LOADING NACNS, 1, 2, 3, 4, 3, 4 | 30, 331, 33 | 2 - LOADIN | MACNO, 1, | 4, 3, 4, 3, 0 | |
|---------|---------------|-----|-----------|---|-------------|--------------|----------------|--|--|
| | | | Future | | Monitoring | Monitoring | Monitoring | during Period: | Additional Information |
| Туре | Citation of | FE | Effective | | Requireme | Frequency | Type | "Continuous"; | |
| of | Limit | Ϋ́N | Date | Limit | nt Citation | (P/C/N) | | "Intermittent"; or "Not in Compliance" | |
| | | | | | | | | | |
| POC | 40 CFR | ۲ | | Vapor-tight gasoline | 40 CFR | P/during | Vapor | Continuous | |
| | 60.505(e)(ii) | | | tank trucks electronic | 60.505(b) | product | tightness | | |
| | | | | recordkeeping | | loading, and | documents | | |
| | | | | | | within 2 | | | |
| | | | | | | weeks | | | |
| | 40 CFR | ۲ | 1/10/2011 | 80 mg/liters | 40 CFR | P/6 months | Source test | Continuous | |
| | 63.11088(a) | | | | 63.11092(a) | | | | |
| | 40 CFR | ۲ | 1/10/2011 | Vapor-tight gasoline | 40 CFR | P/annual | Certification | Continuous | |
| | 63.11088(a) | | | tank trucks | 63.11092(f) | | test documents | | |
| | | | | | (1) | | | | 11.1.1.1.1.1.1.1.1.1.1.1.1.1.1.1.1.1.1.1 |
| | BAAQMD | Y | | 200 ppm as propane | BAAQMD | P/C | Infrared HC | Continuous | |
| | Condition | | | | Condition | | Analyzer | | |
| | #7492, part | | | | #7492, part | | | | |
| | 7 | | | | 5c | | | | The state of the s |
| Total | BAAQMD | Y | | 200,000 gallons/hr | BAAQMD | Р/Н | Record- | Continuous | |
| materia | Condition | | | | Condition | | keeping | | |
| - | #7492, part | | | | #7492, part | | | | |
| through | 2 | | | | 4 | | | | |
| put | | | | | | | | | |
| limit | | | | | | | | | |

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Table VII - A

Applicable Limits and Compliance Monitoring Requirements
S1, S28, S29, S30, S31, S32 – LOADING RACKS, 1, 2, 3, 4, 5, 6

| | | | Future | Monitoring Monitoring Monitoring | Monitoring | Monitoring | | Compliance Status | Additional Information |
|---------|--------------|-----|-----------|----------------------------------|--------------|------------|------------|--------------------|---|
| Type | Citation of | FE | Effective | | Requireme | Frequency | Type | "Continuous"; | |
| of | Limit | Y/N | Date | Limit | nt Citation | (P/C/N) | | "Intermittent"; or | |
| Limit | | | | | | | | Not in Compliance | *************************************** |
| Total | BAAQMD | ⊀ | | 4,000,000 gallons/day | BAAQMD | P/D | Record | Continuous | |
| materia | Condition | | | 1,519,400,000 gallon/yr | Condition | | keeping | | |
| _ | #7492, part | | | | #7492, part | | | | |
| through | ω | | | | 4 | | | | |
| put | | | | | | | | | |
| limit | | | | | | | | | |
| POC | BAAQMD | ~ | | Operating temperature | BAAQMD | C | Record | Continuous | |
| | Condition | | | 600 degree Fahrenheit | Condition | | Keeping | | |
| | #7492, parts | | | | #7492, parts | | | | |
| | 13, and 14 | | | | 15, and 17 | | | | |
| POC | BAAQMD | Y | | Destruction efficiency | BAAQMD | C | Record | Continuous | |
| | Condition | | | 98.5% | Condition | | Keeping | | |
| | #7492, part | | | | #7492, parts | | | | |
| | 12 | | | | 13 and 17 | | | | |
| РОС | BAAQMD | ¥ | | Operating Mode | BAAQMD | P/Mode | Record | Continuous | |
| | Condition | | | | Regulation | change | Keeping | | |
| | #7492, part | · | | | 2-6-409.7 | | | | |
| | 18 | | | | | | | | |
| POC | BAAQMD | Y | | All equipment associated | | | Inspection | Continuous | |
| | 8-18-305 | | | with delivery and | | | | | |
| | | | | loading operations shall | | | | | |
| | | | | be maintained to be leak | | | | | |
| | | _ | | free, vapor tight and in | | | | | |
| | | | | good working order. | | | | | |

Table VII - B

Applicable Limits and Compliance Monitoring Requirements
S2, S5, S19, S23, S26 - STORAGE TANKS - INTERNAL FLOATING ROOF

| | | | | 04,00,017,040,04 | O CICACI | DE, DO, DIO, DEO, DEO - DIOMOGE I MINE INTERNACE E | I LOAI ING INGOI | | *************************************** |
|-------|-------------|----|-----------|---------------------------------|-------------|--|------------------|--|---|
| Туре | Citation of | FE | Future | Limit | Monitoring | Monitoring Frequency | Monitoring | during Period: | Additional Information |
| of | Limit | ×× | Effective | | Requirement | (P/C/N) | Type | "Continuous"; | |
| Limit | | | Date | | Citation | | | "Intermittent"; or "Not in Compliance" | |
| РОС | BAAQMD | z | | PVV set within 10% of | BAAQMD | P/twice per year at 4 to 8 | Inspection | Continuous | |
| | 8-5-303.1 | | | max pressure or 25.8 | 8-5-403 & | months interval | Certification | | |
| | | | | mmHg (0.5 psia) | 8-5-404 | | | | |
| РОС | BAAQMD | z | | Gasket cover ≤ 0.32 cm | BAAQMD | P/twice per year at 4 to 8 | Inspection | Continuous | |
| | 8-320.3.1 | | | (1/8 in) gap | 8-5-402.3 & | months interval | Certification | | |
| | | | | | 8-5-404 | | | | |
| РОС | BAAQMD | z | | Inaccessible opening no | BAAQMD | P/twice per year at 4 to 8 | Inspection | Continuous | |
| | 8-320.3.2 | | | visible gap | 8-5-402.3 & | months interval | Certification | | |
| | | | | | 8-5-404 | | | | |
| ООС | BAAQMD | z | | Solid sampling or | BAAQMD | P/twice per year at 4 to 8 | Inspection | Continuous | |
| | 8-5-320.4.2 | | | gauging wells in closed | 8-5-402.3 & | months interval | Certification | | |
| | | | | position with cover, seal | 8-5-404 | | | | |
| | | | | or lid ≤ 0.32 cm (1/8 in) | | | | | |
| РОС | BAAQMD | z | | Solid sampling or | BAAQMD | P/twice per year at 4 to 8 | Inspection | Continuous | |
| | 8-5-320.4.3 | | | gauging wells: Gap | 8-5-402.3 & | months interval | Certification | | |
| | | | | between well and roof | 8-5-404 | | | | |
| | | | | shall be added to gaps | • | | | | |
| • | | | | measured ≤ 1.3 cm (1/2 | | | | | |
| | | | | in) | | | | | |
| POC | BAAQMD | z | | Slotted sampling or | BAAQMD | P/twice per year at 4 to 8 | Inspection | Continuous | |
| | 8-5-320.5.2 | | •• | gauging wells in closed | 8-5-402.2 & | months interval | Certification | | |
| | • | | • | position with cover, seal | 8-5-404 | | | | |
| | | | | or lid ≤ 1.3 cm $(1/2$ in) | | | | | |

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Table VII - B

Applicable Limits and Compliance Monitoring Requirements
S2, S5, S19, S23, S26 - STORAGE TANKS - INTERNAL FLOATING ROOF

| | • | | | | | | | |
|--------------------|----------|-----------|--------------------------|-------------|----------------------------|---------------|---|------------------------|
| Type Citation of | FE | Future | Limit | Monitoring | Monitoring Frequency | Monitoring | during Period: | Additional Information |
| of Limit | Υ/X | Effective | | Requirement | (P/C/N) | Type | "Continuous"; | |
| Limit | | Date | | Citation | | | "Intermittent"; or "Not in Compliance" | |
| POC BAAQMD | z | | Slotted sampling or | BAAQMD | P/twice per year at 4 to 8 | Inspection | Continuous | |
| 8-5-320.5.3 | ω | | gauging wells: Gap | 8-5-402.2 & | months interval | Certification | | |
| | | | between well and roof | 8-5-404 | | | | |
| | | | shall be added to gaps | | | | | |
| | | | measured ≤ 1.3 cm (1/2 | | | | | |
| | | | in) | | | | | |
| POC BAAQMD | γ | | Emergency roof drain | BAAQMD | P/twice per year at 4 to 8 | Inspection | Continuous | |
| 8-5-320.6 | | | with slotted membrane | 8-5-402 & | months interval | Certification | | |
| ··· - | | - | fabric cover ≥ 90% | 8-5-404 | | | | |
| | | | opening area | | | | | |
| POC BAAQMD | N | | No holes, tears or other | BAAQMD | P/twice per year at 4 to 8 | Inspection | Continuous | |
| 8-5-321.1 | | | openings in the primary | 8-5-402.2 & | months interval | Certification | | |
| | | | seal fabric | 8-5-404 | | | | |
| POC BAAQMD | z | | Primary seal metallic | BAAQMD | P/10 yr | Inspection | Continuous | |
| 8-5-321.2 | | | shoe or liquid mounted | 8-5-402.1 | P/10 yr | Certification | | |
| | | | type | 8-5-404 | | | | |
| POC BAAQMD | <u>z</u> | | Primary seal metallic | BAAQMD | P/10 yr | Inspection | Continuous | |
| 8-5-321.3 | | | shoe extends minimum | 8-5-401, | P/10 yr | Certification | | |
| | | - | 61 cm (24 in) for | 8-5-404 | | | | |
| | • | | external floating and 18 | | | | | |
| | | | in for internal Floating | | | | | |
| | | | Roof tank above liquid | | | | | |
| | | | surface | | | | | |

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Table VII - B

Applicable Limits and Compliance Monitoring Requirements
S2, S5, S19, S23, S26 - STORAGE TANKS - INTERNAL FLOATING ROOF

| the primary seal < 3.8 cm (1 1/2 in). No continuous gap > 0.32 cm ((1/8 in) shall exceel 10% of circumference 10% of circumference The cumulative length all seal gaps exceeding 1.3 cm (1/2 in) < 10% circumference and the cumulative length of a seal gaps exceeding 0.3 cm (1/8 in) < 40% of circumference No holes, tears, or oth 8-5-322.1 BAAQMD N Secondary seal shall |
|---|
| |
| Z |
| z |
| cm (1/8 in) - continuous g cm (1/8 in) st 10% of circum The cumulative all seal gaps of circum 1.3 cm (1/2 in) circumference cumulative le seal gaps exce cm (1/8 in) - |
| cm (1 1/2 i continuous g cm ((1/8 in) sł 10% of circu The cumulativ all seal gaps exce cm (1/8 in) sł |
| cm (1 1/2 i continuous g cm (1/8 in) st 10% of circu The cumulativ all seal gaps of circum 1.3 cm (1/2 in) circumference cumulative le seal gaps exce |
| cm (1 1/2 i continuous g cm ((1/8 in) sł 10% of circu The cumulativ all seal gaps o circumferenc cumulative le |
| cm (1 1/2 i continuous g cm ((1/8 in) st 10% of circu The cumulativ all seal gaps of 1.3 cm (1/2 in) circumference |
| the primary s cm (1 1/2 i continuous g cm ((1/8 in) st 10% of circus The cumulativ all seal gaps s 1.3 cm (1/2 in) |
| cm (1 1/2 i cm (1 1/2 i continuous g cm ((1/8 in) st 10% of circu The cumulativ all seal gaps o |
| cm (1 1/2 i continuous g cm (1/8 in) st 10% of circus The cumulativ |
| cm (1 1/2 i cm (1 1/8 in) st |
| cm (1 1/2 i cm (1/8 in) st |
| cm (1 1/2 i |
| the primary s cm (1 1/2 i |
| the primary s |
| - |
| 8-5-321.3.2 between tank shell and |
| BAAQMD N For welded tanks, gap |
| than 46 cm (18 in) |
| 8-5-321.3.1 tank shell is no greater |
| BAAQMD N Gap between shoe and |
| Date |
| |
| Y/N Effective |
| Citation of FE Future Limit |

Title V Semi-Annual Monitoring Verification Report for Period May 1, 2012 through October 31, 2012

| | | | | ひかり ひひり ひまくり ひかじり ひき | O CIONOL | Chy Cuy City Cho City Charles and the Control of th | | | |
|-------|-------------|----------|-----------|---|-------------|--|---------------|---|------------------------|
| Type | Citation of | FE | Future | Limit | Monitoring | Monitoring Frequency | Monitoring | Compliance Status | Additional Information |
| of | Limit | N/A | Effective | | Requirement | (P/C/N) | Type | "Continuous"; | |
| Limit | | | Date | | Citation | | | "Intermittent"; or "Not in Compliance" | ٠ |
| РОС | BAAQMD | Z | | Gap between tank shell | BAAQMD | Р/10 уг | Inspection | Continuous | |
| | 8-5-322.3 | | • | and the secondary seal | 8-5-402, & | P/10 yr | Certification | | |
| | | | | shall not exceed 1.3 cm | 8-5-404 | | | | |
| | | | | (1/2 in) | | | | | |
| РОС | BAAQMD | z | · | $Tank \ge 75 \text{ m}^3$, $Tank$ | BAAQMD | P/A | Source Test | Continuous | |
| | 8-5-328.1.1 | | | cleaning 90% control, | 8-5-502 | | | | |
| | | | | POC concentration < | | | | | |
| | | | | 10,000 ppm | | | | | |
| РОС | SIP | Υ | | PVV set within 10% of | SIP | P/twice per year at 4 to 8 | Inspection | Continuous | |
| | 8-5-303.1 | | | max pressure or 25.8 | 8-5-403 & | months interval | Certification | | |
| | | | | mmHg (0.5 psia) | 8-5-404 | | | | |
| РОС | SIP | Y | | Gasket cover ≤ 0.32 cm | SIP | P/twice per year at 4 to 8 | Inspection | Continuous | |
| | 8-320.3.1 | | | (1/8 in) gap | 8-5-402.3 & | months interval | Certification | | |
| | | | | | 8-5-404 | | | | |
| POC | SIP | ¥ | | Inaccessible opening no | SIP | P/twice per year at 4 to 8 | Inspection | Continuous | |
| | 8-320.3.2 | | | visible gap | 8-5-402.3 & | months interval | Certification | | |
| | | | | | 0-5-10-1 | | | | |
| POC | SIP | × | | Solid sampling or | SIP | P/twice per year at 4 to 8 | Inspection | Continuous | |
| | 8-5-320.4.2 | | | gauging wells in closed | 8-5-402.3 & | months interval | Certification | | |
| | | | | position with cover, seal | 8-5-404 | | | | |
| | | | | or lid $\leq 0.32 \text{ cm } (1/8 \text{ in})$ | | | | | |

Title V Semi-Annual Monitoring Verification Report for Period May 1, 2012 through October 31, 2012

| | Туре | Citation of | FE | Future | Limit | Monitoring | Monitoring Frequency | Monitoring | |
|---|-------|-------------|-----|-----------|-------------------------------|-------------|----------------------------|---------------|--|
| | of | Limit | Y/N | Effective | | Requirement | (P/C/N) | Type | "Continuous"; |
| | Limit | | | Date | | Citation | | | "Intermittent"; or "Not in Compliance" |
| | POC | SIP | Υ | | Solid sampling or | AIS | P/twice per year at 4 to 8 | Inspection | Continuous |
| _ | | 8-5-320.4.3 | | | gauging wells: Gap | 8-5-402.3 & | months interval | Certification | |
| | | - | | | between well and roof | 8-5-404 | | | |
| | | | | | shall be added to gaps | | | | |
| _ | | | | | measured ≤ 1.3 cm (1/2 | | | | |
| | | | | | in) | | | | |
| | РОС | SIP | У | | Slotted sampling or | SIP | P/twice per year at 4 to 8 | Inspection | Continuous |
| | | 8-5-320.5.2 | | | gauging wells in closed | 8-5-402.2 & | months interval | Certification | |
| | | | | | position with cover, seal | 8-5-404 | | | |
| | | | | | or lid ≤ 1.3 cm (1/2 in) | | | | |
| | РОС | SIP | Y | | Slotted sampling or | SIP | P/twice per year at 4 to 8 | Inspection | Continuous |
| | | 8-5-320.5.3 | | | gauging wells: Gap | 8-5-402.2 & | months interval | Certification | |
| | | | | | between well and roof | 8-5-404 | | | |
| | | | | | shall be added to gaps | | | | |
| | | | | | measured ≤ 1.3 cm (1/2 | | | | |
| | | | | | in) | | | | |
| | РОС | SIP | Υ | | Emergency roof drain | SIP | P/twice per year at 4 to 8 | Inspection | Continuous |
| | | 8-5-320.6 | | | with slotted membrane | 8-5-402 & | months interval | Certification | |
| | | | | | fabric cover ≥ 90% | 8-5-404 | | | |
| | | | | | opening area | | | | |
| | РОС | SIP | Y | | No holes, tears or other | SIP | P/twice per year at 4 to 8 | Inspection | Continuous |
| | | 8-5-321.1 | | | openings in the primary | 8-5-402.2 & | months interval | Certification | |
| | | | | | seal fabric | 8-5-404 | | | |
| | | | | | | | | | |

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Table VII - B

Applicable Limits and Compliance Monitoring Requirements
S2, S5, S19, S23, S26 - STORAGE TANKS - INTERNAL FLOATING ROOF

| | | | | , | | | | + | |
|-------|-------------|-----|-----------|---|-------------|----------------------|---------------|--|------------------------|
| Type | Citation of | FE | Future | Limit | Monitoring | Monitoring Frequency | Monitoring | Compliance Status | Additional Information |
| of. | Limit | Y/N | Effective | | Requirement | (P/C/N) | Туре | "Continuous"; | |
| Limit | | | Date | | Citation | | | "Intermittent"; or "Not in Compliance" | |
| POC | SIP | γ | | Primary seal metallic | SIP | Р/10 уг | Inspection | Continuous | |
| | 8-5-321.2 | | | shoe or liquid mounted | 8-5-402.1 | P/10 yr | Certification | | |
| | | | | type | 8-5-404 | | | | |
| РОС | SIP | Υ | | Primary seal metallic | SIP | Р/10 ут | Inspection | Continuous | |
| | 8-5-321.3 | | | shoe extends minimum | 8-5-401, | P/10 yr | Certification | | |
| | | | | 61 cm (24 in) for | 8-5-404 | | | | |
| | | | | external floating and 18 | | | | | |
| | - | | | in for internal Floating | | | | | |
| | | | | Roof tank above liquid | | | | | |
| | | | | surface | | | | | |
| POC | SIP | γ | | Gap between shoe and | SIP | Р/10 уг | Inspection | Continuous | |
| | 8-5-321.3.1 | | | tank shell is no greater | 8-5-401, | P/10 yr | Certification | | |
| | | | | at (10 :) | 0 5 404 | | | | |

Title V Semi-Annual Monitoring Verification Report for Period May 1, 2012 through October 31, 2012

| | | | | | | Chy Coy City Check City Course Francisco | | | |
|-------|-------------|----|-----------|---------------------------|-------------|--|---------------|--|------------------------|
| Type | Citation of | FE | Future | Limit | Monitoring | Monitoring Frequency | Monitoring | Compliance Status | Additional Information |
| 으 | Limit | ž | Effective | | Requirement | (P/C/N) | Туре | "Continuous"; | |
| Limit | | | Date | - | Citation | | | "Intermittent"; or "Not in Compliance" | |
| POC | SIP | ۲ | | For welded tanks, gap | SIP | P/10 yr | Inspection | Continuous | |
| | 8-5-321.3.2 | | | between tank shell and | 8-5-401, | P/10 yr | Certification | | |
| | | | | the primary seal < 3.8 | 8-5-404 | | | | |
| - | | | | cm (1 1/2 in). No | | | | | |
| | | | | continuous gap > 0.32 | | | | | |
| | | | | cm ((1/8 in) shall exceed | | | | | |
| • | | | | 10% of circumference. | | | | | |
| | | | | The cumulative length of | | | | | |
| | | | | all seal gaps exceeding | | | | | |
| | | | | 1.3 cm (1/2 in) < 10% of | | | | | |
| | | | | circumference and the | | | | | |
| | | | | cumulative length of all | | | | | |
| | • | | | seal gaps exceeding 0.32 | | | | | |
| | | | | cm (1/8 in) < 40% of | | | | | |
| | | | | circumference | | | | | |
| РОС | SIP | Υ | | No holes, tears, or other | SIP | P/twice per year at 4 to 8 | Inspection | Continuous | |
| | 8-5-322.1 | | | openings | 8-5-402.2 & | months interval | Certification | | |
| | | | | | 8-5-404 | | | | |
| РОС | SIP | Υ | | Secondary seal shall | SIP | Р/10 ут | Inspection | Continuous | |
| • | 8-5-322.2 | | | allow insertion up to 3.8 | 8-5-402, & | P/10 yr | Certification | | |
| | | | | cm (1 1/2 in) in width | 8-5-404 | | | | |

Table VII - B

Applicable Limits and Compliance Monitoring Requirements
S2, S5, S19, S23, S26 - STORAGE TANKS - INTERNAL FLOATING ROOF

| POC POC Certific ation | PO PO PO | p p p | POC | | Type of Limit |
|------------------------|---|--|--|--|---|
| ic BAAQMD 8-5-404 | | <u>∞</u> | SIP 8-5-328.1.1 | SIP 8-5-322.3 | Citation of Limit |
| ~ | | | < < | ~ | FE Y/N |
| | | | | | Future Effective Date |
| | Submit report within 60 days of inspection or source test | cleaning 90% control, POC concentration < 10,000 ppm | Tank ≥ 75 m³, tank cleaning shall have liquid balancing with ≤ 0.5 psia Tank > 75 m³ Tank | Gap between tank shell and the secondary seal shall not exceed 1.3 cm (1/2 in) | Limit |
| | BAAQMD 8- 5-404 | 8-5-502 | None | SIP 8-5-402, & 8-5-404 | Monitoring Requirement Citation |
| | | | B/, Z | P/10 yr P/10 yr | Monitoring Frequency (P/C/N) |
| | Submittal | DONICO TOST | None Source Test | Inspection Certification | Monitoring Type |
| Continuous | Continuous | Continuous | Continuous | Continuous | Compliance Status during Period: "Continuous"; "Intermittent"; or "Not in Compliance" |
| | | | | | Additional Information |

Applicable Limits and Compliance Monitoring Requirements S3 S7 S8 S9 S10 S14 S17 S18 S20 S22 S25 S27 S34 S35 - STORAGE TANKS-INTERNAL FLOATING ROOF Table VII - C

| Type of Limit | Citation of Limit | YN YE | Future Effective Date | 0, S14, S1/, Si Limit Limit | 18, S20, S | Monitoring Requirement Citation 9% of max BAAOMD | Monitoring Monitoring Monitoring Requirement Frequency Citation (P/C/N) | Monitoring Monitoring I Requirement Frequency Citation (P/C/N) BAAOMD P/twice per year at |
|---------------|---------------------|-------|-----------------------|--|------------------------|--|---|--|
| į. | BAAQMD 8-5-303.1 | z | | PVV set within 10% of max pressure or 25.8 mmHg (0.5 | BAAQMD 8-5-403 & | MD | MD P/twice per year at 3 & 4 to 8 months | |
| POC | BAAQMD | z | | Tanks shall be maintained to | BAAQMD 8-5-403 & | ر م ا | D P/twice per year at & 4 to 8 months | |
| | | | | in good working order. | 8-5-404 | | | |
| POC | BAAQMD | Z | | Gasket cover ≤ 0.32 cm (1/8 | BAAQMD | Ŭ | - P/ | |
| | 8-320.3.1 | | | in) gap | 8-5-402.3 & 8-5-404 | * | & 4 to 8 months | |
| POC | BAAQMD | z | | Inaccessible opening no | BAAQMD | _ | P/twice per year at | |
| | 8-320.3.2 | | | visible gap | 8-5-402.3 & | κo | & 4 to 8 months | |
| | | | | | 8-5-404 | | interval | interval |
| POC | BAAQMD | Z | | Solid sampling or gauging | BAAQMD | | P/twice per year at | |
| | 8-5-320.4.2 | | | wells in closed position with | 8-5-402.3 & | Χo | & 4 to 8 months | |
| | | | | cover, seal or lid ≤ 0.32 cm | 8-5-404 | | interval | interval |
| | | | | (1/8 in) | | | + | - |
| РОС | BAAQMD | z | | Solid sampling or gauging | BAAQMD | U | P/ | P/twice per year at |
| | 8-5-320.4.3 | • | | wells: Gap between well and | 8-5-402.3 & | & | & 4 to 8 months | |
| | | | | roof shall be added to gaps | 8-5-404 | | interval | |
| | | | | measured ≤ 1.3 cm (1/2 in) | | | | |

Title V Semi-Annual Monitoring Verification Report for Period May 1, 2012 through October 31, 2012

S3. S7. S8. S9. S10. S14. S17. S18, S20, S22, S25, S27, S34, S35 - STORAGE TANKS-INTERNAL FLOATING ROOF Applicable Limits and Compliance Monitoring Requirements Table VII - C

| | 000 | ,5/, | 30, 37, 31 | 33, 37, 36, 39, 310, 314, 317, 316, 320, 321, 323, 321, 334, 333 - 310RAGE | 22,020,021, | 004, 000 - 01 UK | יו ו | ANNOTINI ERNAL PLOATING MOOF | NOOT |
|-------|-------------|------|------------|--|-------------|---------------------|---------------|------------------------------|------------------------|
| | Citation of | ΚE | Future | Limit | Monitoring | Monitoring | Monitoring | during Period: | Additional Information |
| Type | Limit | Y/N | Effective | | Requirement | Frequency | Type | "Continuous"; | |
| of | | | Date | | Citation | (P/C/N) | | "Intermittent"; or | |
| Limit | | | | | | | | Not ill Compilance | |
| РОС | BAAQMD | z | | Slotted sampling or gauging | BAAQMD | P/twice per year at | Inspection | Continuous | |
| | 8-5-320.5.2 | | | wells in closed position with | 8-5-402.2 & | 4 to 8 months | Certification | | |
| | | | | cover, seal or lid ≤ 1.3 cm | 8-5-404 | interval | | | |
| | | | | (1/2 in) | | | | | |
| РОС | BAAQMD | Z | | Slotted sampling or gauging | BAAQMD | P/twice per year at | Inspection | Continuous | |
| | 8-5-320.5.3 | | | wells: Gap between well and | 8-5-402.2 & | 4 to 8 months | Certification | | |
| | | | | roof shall be added to gaps | 8-5-404 | interval | | | |
| | | | | measured ≤ 1.3 cm (1/2 in) | | | | | |
| POC | BAAQMD | z | | Emergency roof drain with | BAAQMD | P/twice per year at | Inspection | Continuous | |
| | 8-5-320.6 | | | slotted membrane fabric cover | 8-5-402 & | 4 to 8 months | Certification | | |
| | | | | ≥ 90% opening area | 8-5-404 | interval | | | |
| РОС | BAAQMD | z | | No holes, tears or other | BAAQMD | P/twice per year at | Inspection | Continuous | |
| | 8-5-321.1 | | | openings in the primary seal | 8-5-402.2 & | 4 to 8 months | Certification | | |
| | | | | fabric | 8-5-404 | interval | | | |
| РОС | BAAQMD | Z | | Primary seal metallic shoe or | BAAQMD | P/10 yr | Inspection | Continuous | |
| | 8-5-321.2 | | | liquid mounted type | 8-5-402.1 | P/10 yr | Certification | | |
| | | | | | 8-5-404 | | | | |
| РОС | BAAQMD | Z | | Primary seal metallic shoe | BAAQMD | P/10 yr | Inspection | Continuous | |
| | 8-5-321.3 | | | extends minimum 61 cm (24 | 8-5-401, | Р/10 уг | Certification | | |
| | | | • | in) for external floating and | 8-5-404 | | | | |
| | | | | 18 in for internal Floating | | | | | |
| | | | | Roof tank above liquid | | | | | |
| | | | | surface | | | | | ****** |

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Applicable Limits and Compliance Monitoring Requirements S3. S7. S8. S9. S10. S14. S17. S18, S20, S22, S25, S27, S34, S35 - STORAGE TANKS-INTERNAL FLOATING ROOF Table VII - C

| 8-5-404 interval | P/twice per year at Inspection 4 to 8 months Certification | between tank shell and the primary seal < 3.8 cm (1 1/2 8-5-404 in). No continuous gap > 0.32 cm ((1/8 in) shall exceed 10% of circumference. The cumulative length of all seal gaps exceeding 1.3 cm (1/2 in) < 10% of circumference and the cumulative length of all seal gaps exceeding 0.32 cm (1/8 in) < 40% of circumference | POC BAAQMD N Gap between shoe and tank BAAQMD P/10 yr Inspection Continuou 8-5-321.3.1 shell is no greater than 46 cm 8-5-401, P/10 yr Certification (18 in) 8-5-404 P/10 yr Inspection Continuou | Citation of FE Future Limit Monitoring Monitoring Compliance Status Addition of FE Future Limit Pyl Effective Pate Citation (P/C/N) Type Limit Y/N Effective Date Citation (P/C/N) Citation of FE Future Limit Monitoring Monitoring during Period: "Continuous"; or "Intermittent"; or "Not in Compliance" |
|------------------|--|--|---|---|
| BAAOMD | 8 | 8-5-401, 8-5-404 | BAAQMD 8-5-401, 8-5-404 | Monitoring Requirement Citation |
| | P/twice per year at 4 to 8 months interval | P/10 ут | P/10 yr P/10 yr P/10 vr | Monitoring Frequency (P/C/N) |
| Inspection | Inspection Certification | Certification | Inspection Certification Inspection | ., ⊆ [` |
| Continuous | Continuous | | Continuous | Compliance Status during Period: "Continuous"; "Intermittent"; or "Not in Compliance" |
| | | | | Additional Information |

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Applicable Limits and Compliance Monitoring Requirements S3. S7. S8. S9. S10. S14. S17. S18. S20. S22. S25. S27. S34. S35 - STORAGE TANKS-INTERNAL FLOATING ROOF

Table VII - C

| | Q. | 3,0/, | 50, 57, 51 | 53, 57, 58, 59, 510, 514, 517, 518, 520, 522, 523, 527, 534, 533 - 510KAGE | 44,040,041, | 334, 333 - 310K | Ε. | I AINNOTINI EKINAL I LUALING NUUT | NOOF |
|-------|-------------|-------|------------|--|-------------|---------------------|---------------|-----------------------------------|------------------------|
| | Citation of | ŦΕ | Future | Limit | Monitoring | Monitoring | Monitoring | Compliance Status | Additional Information |
| Type | Limit | Y/N | Effective | | Requirement | Frequency | Type | "Continuous"; | |
| 약 | | - | Date | | Citation | (P/C/N) | | "Intermittent"; or | |
| Limit | | | | | | | | Not in Compilance | |
| РОС | BAAQMD | z | | Gap between tank shell and | BAAQMD | | Inspection | Continuous | ····· |
| | 8-5-322.3 | | | the secondary seal shall not | 8-5-402, & | P/10 yr | Certification | | |
| | | | | exceed 1.3 cm (1/2 in) | 8-5-404 | P/10 yr | | | |
| РОС | BAAQMD | z | | Tank ≥ 75 m ³ , Tank cleaning | BAAQMD | P/A | Source Test | Continuous | |
| | 8-5-328.1.1 | | | 90% control, POC | 8-5-502 | | | | |
| | | | | concentration < 10,000 ppm | | | | | |
| РОС | SIP | 4 | | PVV set within 10% of max | SIP | P/twice per year at | Inspection | Continuous | |
| • | 8-5-303.1 | | | pressure or 25.8 mmHg (0.5 | 8-5-403 & | 4 to 8 months | Certification | | |
| | | | | psia) | 8-5-404 | interval | | | |
| | SIP | ۲ | | Viewport Requirements | | | Inspection | Continuous | |
| | 8-5-305.3 | | | | | | | | |
| РОС | SIP | ~ | | Gasket cover ≤ 0.32 cm (1/8 | SIP | P/twice per year at | Inspection | Continuous | |
| | 8-320.3.1 | | | in) gap | 8-5-402.3 & | 4 to 8 months | Certification | | |
| | | | | | 8-5-404 | interval | | | |
| РОС | SIP | Y | | Inaccessible opening no | SIP | P/twice per year at | Inspection | Continuous | |
| | 8-320.3.2 | | | visible gap | 8-5-402.3 & | 4 to 8 months | Certification | | |
| | | | | | 8-5-404 | interval | | | |
| РОС | SIP | ۲ | | Solid sampling or gauging | SIP | P/twice per year at | Inspection | Continuous | |
| | 8-5-320.4.2 | | | wells in closed position with | 8-5-402.3 & | 4 to 8 months | Certification | | |
| | | | | cover, seal or lid ≤ 0.32 cm | 8-5-404 | interval | | | |
| | | | | (1/8 in) | | | | | |

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Applicable Limits and Compliance Monitoring Requirements S3 S7 S8 S9 S10 S14 S17 S18 S20 S22 S25 S27 S34 S35 - STORAGE TANKS-INTERNAL FLOATING ROOF Table VII - C

| T | Citation of | Y FE | Future Fffective | Limit | Monitoring | Monitoring | Monitoring Type | Compliance Status during Period: |
|------------|-------------|----------|---------------------|----------------------------------|-------------------------|---------------------|-----------------|-------------------------------------|
| Type of | Limit | Υ'N | Effective Date | | Requirement Citation | Frequency (P/C/N) | Туре | |
| Limit | | | | | | | | |
| POC | SIP | ~ | | Solid sampling or gauging | SIP | P/twice per year at | Inspection | ction |
| | 8-5-320.4.3 | | | wells: Gap between well and | 8-5-402.3 & | 4 to 8 months | Certification | cation |
| | | | | roof shall be added to gaps | 8-5-404 | interval | | |
| | | | | measured ≤ 1.3 cm (1/2 in) | | | | |
| ООО | SIP | γ | | Slotted sampling or gauging | SIP | P/twice per year at | lasi | Inspection |
| | 8-5-320.5.2 | | | wells in closed position with | 8-5-402.2 & | 4 to 8 months | Cer | Certification |
| | | | | cover, seal or lid ≤ 1.3 cm | 8-5-404 | interval | | |
| | | | | (1/2 in) | | | | |
| POC | SIP | ۲ | | Slotted sampling or gauging | SIP | P/twice per year at | | Inspection |
| | 8-5-320.5.3 | | | wells: Gap between well and | 8-5-402.2 & | 4 to 8 months | _ _ | Certification |
| | | | | roof shall be added to gaps | 8-5-404 | interval | | |
| | | | | measured ≤ 1.3 cm (1/2 in) | | | | |
| РОС | SIP | Υ | | Emergency roof drain with | SIP | P/twice per year at | In. | Inspection |
| | 8-5-320.6 | | | slotted membrane fabric cover | 8-5-402 & | 4 to 8 months | <u>င</u> | Certification |
| | | | | ≥ 90% opening area | 8-5-404 | interval | | |
| POC | SIP | Υ | | No holes, tears or other | SIP | P/twice per year at | | Inspection |
| | 8-5-321.1 | | | openings in the primary seal | 8-5-402.2 & | 4 to 8 months | Ç | Certification |
| | | | | fabric | 8-5-404 | interval | | |
| POC | SIP | Y | | Primary seal metallic shoe or | SIP | P/10 yr | | Inspection |
| | 8-5-321.2 | | | liquid mounted type | 8-5-402.1 | Р/10 ут | _ | Certification |
| | | | | | 8-5-404 | | | |

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Applicable Limits and Compliance Monitoring Requirements
c3 c7 c8 c9 c10 c14 c17 c18 c20 c22 c25 c27 c34. c35-Storage Tanks-Internal Floating Roof

Table VII - C

| POC POC |
|--|
| SIP 8-5-321.3.1 |
| * * |
| |
| shell is no greater than 46 cm (18 in) For welded tanks, gap |
| 8-5-401, 8-5-404 SIP |
| Р/10 уг |
| Certification Inspection |
| Continuous |
| |

Title V Semi-Annual Monitoring Verification Report for Period May 1, 2012 through October 31, 2012

S3 S7 S8 S9 S10 S14 S17 S18 S20 S22 S25 S27 S34 S35 - STORAGE TANKS-INTERNAL FLOATING ROOF **Applicable Limits and Compliance Monitoring Requirements** Table VII - C

| | S | , S7, | S8, S9, S1 | S3, S7, S8, S9, S10, S14, S17, S18, S20, S22, S25, S27, S34, S35 - STORAGE I | 22, S25, S27, | S34, S35 - STOR | . — | ANKS-INTERNAL FLOATING ROOF | ROOF |
|----------|-------------|-------|-------------------|--|---------------|---------------------|---------------|-----------------------------|------------------------|
| | Citation of | FE | Future | Limit | Monitoring | Monitoring | Monitoring | Compliance Status | Additional Information |
| Type | Limit | Y/Z | Effective | | Requirement | Frequency | Type | "Continuous"; | |
| of | | | Date | | Citation | (P/C/N) | | "Intermittent"; or | |
| Limit | | | | | | | | Not in Compilance | |
| РОС | SIP | Υ | • • | No holes, tears, or other | SIP | P/twice per year at | Inspection | Continuous | |
| | 8-5-322.1 | | | openings | 8-5-402.2 & | 4 to 8 months | Certification | | |
| | | | | | 8-5-404 | interval | | | |
| POC | SIP | ۲ | | Secondary seal shall allow | SIP | P/10 yr | Inspection | Continuous | |
| | 8-5-322.2 | | | insertion up to 3.8 cm (1 1/2 in) | 8-5-402, & | Р/10 уг | Certification | | |
| | | | | in width | 8-5-404 | | | | |
| РОС | SIP | Υ | | Gap between tank shell and | SIP | P/10 yr | Inspection | Continuous | |
| | 8-5-322.3 | | | the secondary seal shall not | 8-5-402, & | P/10 yr | Certification | | |
| | | | | exceed 1.3 cm (1/2 in) | 8-5-404 | | | | |
| РОС | SIP | Υ | | Tank \geq 75 m ³ , tank cleaning | None | Z | None | Continuous | |
| | 8-5-328.1.1 | | | shall have liquid balancing | | | | | |
| | | | | with ≤ 0.5 psia | | | | | |
| РОС | SIP | Y | | Tank ≥ 75 m³, Tank cleaning | SIP | P/A | Source Test | Continuous | |
| | 8-5-328.1.2 | | | 90% control, POC | 8-5-502 | | | | |
| | | | | concentration < 10,000 ppm | | | | | |
| Certific | BAAQMD | | | Submit report within 60 days | BAAQMD 8- | | Submittal | Continuous | |
| ation | 8-5-404 | | | of inspection or source test | 5-404 | | | | |
| | BAAQMD | Υ | | | | | | Continuous | |
| | Regulation | | | | · | | | | |
| | 8, Rule 5 | | | | | | | | |
| | (amended on | | | | | | | | |
| | 10/18/06) | | | | | | | | |

S6, S13, S16, S21 - STORAGE TANKS-INTERNAL FLOATING ROOF Applicable Limits and Compliance Monitoring Requirements Table VII - D

| | | | | 00, 010, 010, 011 | DRAGE LAM | OTORAGE TANKSTINIEMNALT LOS | CALING MOOL | | |
|-------|-------------|-----|-----------|-------------------------------------|-------------|-----------------------------|---------------|---|------------------------|
| Type | Citation of | Æ | Future | Limit | Monitoring | Monitoring | Monitoring | Compliance Status during | Additional Information |
| of | Limit | Y/N | Effective | | Requirement | Frequency | Type | Period: | |
| Limit | | | Date | | Citation | (P/C/N) | | "Continuous"; | |
| | | | | | | | | "Intermittent" ; or "Not in Compliance" | |
| РОС | BAAQMD | z | | PVV set within 10% of max | BAAQMD | P/twice per year | Inspection | Continuous | |
| | 8-5-303.1 | | | pressure or 25.8 mmHg (0.5 psia) | 8-5-403 & | at 4 to 8 months | Certification | | |
| | | | | | 8-5-404 | interval | | | |
| | BAAQMD | Z | | Viewport Requirements | 3 | | Inspection | Continuous | |
| | 8-5-305.3 | | | | | | | | |
| РОС | BAAQMD | z | | Gasket cover ≤ 0.32 cm (1/8 in) | BAAQMD | P/twice per year | Inspection | Continuous | |
| | 8-320.3.1 | | | gap | 8-5-402.3 & | at 4 to 8 months | Certification | | |
| | | | | | 8-5-404 | interval | | | |
| РОС | BAAQMD | Z | | Inaccessible opening no visible | BAAQMD | P/twice per year | Inspection | Continuous | |
| | 8-320.3.2 | | | gap | 8-5-402.3 & | at 4 to 8 months | Certification | | |
| | | | | | 8-5-404 | interval | | | |
| РОС | BAAQMD | z | | Solid sampling or gauging wells | BAAQMD | P/twice per year | Inspection | Continuous | |
| | 8-5-320.4.2 | | | in closed position with cover, | 8-5-402.3 & | at 4 to 8 months | Certification | | |
| | | | | seal or lid ≤ 0.32 cm (1/8 in) | 8-5-404 | interval | | | |
| РОС | BAAQMD | z | | Solid sampling or gauging wells: | BAAQMD | P/twice per year | Inspection | Continuous | |
| | 8-5-320.4.3 | | | Gap between well and roof shall | 8-5-402.3 & | at 4 to 8 months | Certification | | |
| | | | | be added to gaps measured ≤ 1.3 | 8-5-404 | interval | | | |
| | | | | cm (1/2 in) | | | | | |
| | | | | | | | | | |

Table VII - D

Applicable Limits and Compliance Monitoring Requirements
S6, S13, S16, S21 - STORAGE TANKS-INTERNAL FLOATING ROOF

| POC POC |
|---|
| 8-5-320.5.2 BAAQMD 8-5-320.5.3 BAAQMD |
| z z |
| wells: Gap between well and roof shall be added to gaps measured ≤ 1.3 cm (1/2 in) Emergency roof drain with |
| 8-5-402.2 & 8-5-404 BAAQMD |
| interval P/twice per year |
| Inspection |
| Continuous |
| |

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| | | | | | DO, DID, DIO, DEI - DI ORAGE LANNO-INTERNAL PEDALING NOOF | DRAGE LAND | TINIE KNAL FI | DATING NOO | 7 | |
|---------|----------|-------------|----|-----------|---|---------------------|---------------|---------------|-----------------------------|------------------------|
| Туре | - | Citation of | FE | Future | Limit | Monitoring | Monitoring | Monitoring | Compliance | Additional Information |
| 읔. | <u> </u> | Limit | ₹Ż | Effective | | Requirement | Frequency | Type | Period: | |
| Limit | nit — | | | Date | | Citation | (P/C/N) | | "Continuous"; | |
| | | | | | | | | | ; or "Not in Compliance" | |
| РОС | | BAAQMD | z | | Gap between shoe and tank shell | BAAQMD | P/10 yr | Inspection | Continuous | |
| | | 8-5-321.3.1 | | | is no greater than 46 cm (18 in) | 8-5-401, 8-5-404 | P/10 yr | Certification | | |
| POC | | BAAQMD | Υ | | 10-year Inspection | BAAQMD | Р/10 ут | Inspection | Continuous | |
| | | 8-5-402.1 | | | , | 8-5-404 | P/10 yr | | | |
| Certifi | | BAAQMD | | | Submit report within 60 days of | BAAQMD 8- | | Submittal | Continuous | |
| cation | ion | 8-5-404 | | | inspection or source test | 5-404 | | | | |
| РОС | | BAAQMD | z | | For welded tanks, gap between | BAAQMD | P/10 yr | Inspection | Continuous | |
| | <u>~</u> | 8-5-321.3.2 | | | tank shell and the primary seal < | 8-5-401, | P/10 yr | Certification | | |
| | | | | | 3.8 cm (1 1/2 in). No continuous | 8-5-404 | | | | |
| | | | | | gap > 0.32 cm ((1/8 in) shall | | | | | |
| | | | | | exceed 10% of circumference. | | | | | |
| _ | | | | | The cumulative length of all seal | | | | | |
| | | | | | gaps exceeding 1.3 cm (1/2 in) < | | | | | |
| | | | | | 10% of circumference and the | | | | | |
| | | _ | | | cumulative length of all seal gaps | | | | | |
| | | | | | exceeding 0.32 cm (1/8 in) < | | | | | |
| | | · | | | 40% of circumference | | | | | |
| Pζ | POC H | BAAQMD | z | | Tank ≥ 75 m³, Tank cleaning | BAAQMD | P/A | Source Test | Continuous | |
| | 00 | 8-5-328.1.1 | | | 90% control, POC concentration | 8-5-502 | | | | |
| | | | | | < 10,000 ppm | | | | | |

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| Туре | Citation of | Æ | Future | Limit | Monitoring | Monitoring Monitoring | - 15 | Monitoring |
|-------|-------------|-----|-----------|---------------------------------------|-------------|-----------------------|---|-----------------------------|
| of, | Limit | N/A | Effective | | Requirement | Frequency | Туре | Period: |
| Limit | | | Date | | Citation | (P/C/N) | | "Continuous"; |
| | | | | | | | | ; or "Not in Compliance" |
| POC | SIP | Υ | | PVV set within 10% of max | SIP | P/twice per year | Inspection | Continuous |
| · | 8-5-303.1 | | | pressure or 25.8 mmHg (0.5 psia) | 8-5-403 & | at 4 to 8 months | Certification | |
| | | | | | 0,0 | | | |
| | SIP | ۲ | - | Viewport Requirements | | | Inspection | Continuous |
| | 8-5-305.3 | | | | | | | |
| ООЧ | SIP | Y | | Gasket cover ≤ 0.32 cm (1/8 in) | SIP | P/twice per year | Inspection | Continuous |
| - | 8-320.3.1 | | | gap | 8-5-402.3 & | at 4 to 8 months | Certification | |
| | | | | | 8-5-404 | interval | 115110000000000000000000000000000000000 | |
| РОС | SIP | γ | | Inaccessible opening no visible | SIP | P/twice per year | Inspection | Continuous |
| | 8-320.3.2 | | | gap | 8-5-402.3 & | at 4 to 8 months | Certification | |
| | | | | | 8-5-404 | interval | | |
| РОС | SIP | γ | | Solid sampling or gauging wells | SIP | P/twice per year | Inspection | Continuous |
| | 8-5-320.4.2 | | | in closed position with cover, | 8-5-402.3 & | at 4 to 8 months | Certification | |
| | | | | seal or lid ≤ 0.32 cm (1/8 in) | 8-5-404 | interval | | |
| POC | SIP | Υ | | Solid sampling or gauging wells: | SIP | P/twice per year | Inspection | Continuous |
| | 8-5-320.4.3 | | | Gap between well and roof shall | 8-5-402.3 & | at 4 to 8 months | Certification | |
| | | | | be added to gaps measured ≤ 1.3 | 8-5-404 | interval | | |
| | | | | cm (1/2 in) | | | | |
| РОС | SIP | Υ | | Slotted sampling or gauging | SIP | P/twice per year | Inspection | Continuous |
| | 8-5-320.5.2 | | | wells in closed position with | 8-5-402.2 & | at 4 to 8 months | Certification | |
| | | | | cover, seal or lid ≤ 1.3 cm (1/2 | 8-5-404 | interval | | |
| | - | | | in) | | | | |

Title V Semi-Annual Monitoring Verification Report for Period May 1, 2012 through October 31, 2012

| | | | | _ | _ | |
|--|---|---|--|--|---|--|
| POC | POC | POC | POC | РОС | POC | Type of Limit |
| SIP 8-5-321.3.1 | SIP 8-5-321.3 | SIP 8-5-321.2 | SIP 8-5-321.1 | SIP 8-5-320.6 | SIP 8-5-320.5.3 | Citation of Limit |
| 4 | ~ | 4 | ۲ | . ~ | ≺ | FE FE |
| | | | | | | Future Effective Date |
| Gap between shoe and tank shell is no greater than 46 cm (18 in) | Primary seal metallic shoe extends minimum 61 cm (24 in) for external floating and 18 in for internal Floating Roof tank above liquid surface | Primary seal metallic shoe or liquid mounted type | No holes, tears or other openings in the primary seal fabric | Emergency roof drain with slotted membrane fabric cover > 90% opening area | Slotted sampling or gauging wells: Gap between well and roof shall be added to gaps measured \$\leq 1.3 cm (1/2 in)\$ | Limit |
| SIP 8-5-401, 8-5-404 | SIP 8-5-401, 8-5-404 | SIP 8-5-402.1 8-5-404 | SIP 8-5-402.2 & 8-5-404 | SIP 8-5-402 & 8-5-404 | SIP 8-5-402.2 & 8-5-404 | Monitoring Requirement Citation |
| P/10 yr P/10 yr | P/10 ут P/10 ут | P/10 yr P/10 yr | P/twice per year at 4 to 8 months interval | P/twice per year at 4 to 8 months interval | P/twice per year at 4 to 8 months interval | Monitoring Frequency (P/C/N) |
| Inspection Certification | Inspection Certification | Inspection Certification | Inspection Certification | Inspection Certification | Inspection Certification | Monitoring Type |
| Continuous | Continuous | Continuous | Continuous | Continuous | Continuous | Compliance Status during Period: "Continuous"; "Intermittent" ; or "Not in Compliance" |
| | | | | | | Additional Information |

Title V Semi-Annual Monitoring Verification Report for Period May 1, 2012 through October 31, 2012

| | | Surdayerony | | | | | | | |
|---|--------------------------|---------------|-------------------|----------------|---|-----------|----|--------------|-------|
| | | Decordbeaning | | | | | | , | |
| | | Inspection, | yrs | 63.11092(e)(1) | | | | 63.11087 (a) | |
| | | Visual | P/E, 1 or 5 or 10 | 40 cfr | | 1/10/2011 | ~ | 40 cfr | POC |
| | | | | | < 10,000 ppm | | | | |
| | ,,, | | | 8-5-502 | 90% control, POC concentration | | | 8-5-328.1.2 | |
| | Continuous | Source Test | P/A | SIP | Tank \geq 75 m ³ , Tank cleaning | | Y | SIP | РОС |
| | | | | | psia | | | | |
| | | | | | have liquid balancing with ≤ 0.5 | | | 8-5-328.1.1 | |
| | Continuous | None | Z | None | Tank \geq 75 m ³ , tank cleaning shall | | ~ | SIP | РОС |
| *************************************** | | | | | 40% of circumference | | | | |
| | | | | | exceeding 0.32 cm (1/8 in) < | | | | |
| | | | | | cumulative length of all seal gaps | | | | |
| | | | | | 10% of circumference and the | | | | |
| | | | | | gaps exceeding 1.3 cm (1/2 in) < | | | | |
| | | | | | The cumulative length of all seal | | | | |
| | | | | | exceed 10% of circumference. | | | | |
| | | | | | gap > 0.32 cm ((1/8 in) shall | | | | |
| | | | | 8-5-404 | 3.8 cm (1 1/2 in). No continuous | | | | |
| | | Certification | P/10 yr | 8-5-401, | tank shell and the primary seal < | | | 8-5-321.3.2 | |
| | Continuous | Inspection | Р/10 уг | SIP | For welded tanks, gap between | | ۲ | SIP | РОС |
| | Compliance | | | | | | | | |
| | ; or "Not in | | | | | | | | |
| | "Continuous"; | | (P/C/N) | Citation | | Date | | | Limit |
| | Period: | Type | Frequency | Requirement | | Effective | YN | Limit | of |
| Additional Information | Compliance Status during | Monitoring | Monitoring | Monitoring | Limit | Future | FE | Citation of | Туре |
| | - | 0011110 | | | DO, DIO, DEL DIOMODE AMINO ANTADIANO A | | | | |

Applicable Limits and Compliance Monitoring Requirements S6, S13, S16, S21 - STORAGE TANKS-INTERNAL FLOATING ROOF Table VII - D

| | | | | DO DES DES DE DECEMBER ANTENDE ESCRETO AND CA | | | O | | |
|-------|-------------|----|-----------|---|-------------|------------|------------|--------------------------------|------------------------|
| Type | Citation of | FE | Future | Limit | Monitoring | Monitoring | Monitoring | Compliance | Additional Information |
| of | Limit | ΥN | Effective | | Requirement | Frequency | Type | Period: | |
| Limit | | | Date | | Citation | (P/C/N) | | "Continuous"; | |
| | | | | | | | | "Intermittent" ; or "Not in | |
| | | | | | | | | Compliance" | |
| - | BAAQMD | ~ | | | | | | Continuous | |
| | Regulation | | | | | | | | |
| • | 8, Rule 5 | | | | | | | | |
| | (amended on | | | | | | | | |
| | 10/18/06) | | | | | | | | |
| | | | | | | | | | |

Title V Semi-Annual Monitoring Verification Report for Period May 1, 2012 through October 31, 2012

Table VII – E Applicable Limits and Compliance Monitoring Requirements \$12 - STORAGE TANK – INTERNAL FLOATING ROOF

| | | | | 210:210 | ACE IAIN | OIL - DIONAGE LANN - INTERNAL PLOATING | TOOL OUT | | |
|-------|-------------|-----|-----------|------------------------------|-------------|---|---------------|--|--|
| Type | Citation of | FΕ | Future | Limit | Monitoring | Monitoring | Monitoring | Compliance Status | Additional Information |
| of | Limit | Y/N | Effective | | Requirement | Frequency | Type | "Continuous"; | |
| Limit | | | Date | | Citation | (P/C/N) | | "Intermittent"; or "Not in Compliance" | |
| РОС | BAAQMD | z | | PVV set within 10% of | BAAQMD | P/twice per year at | Inspection | Continuous | |
| | 8-5-303.1 | | | max pressure or 25.8 | 8-5-403 & | 4 to 8 months | Certification | | |
| | | | | mmHg (0.5 psia) | 8-5-404 | interval | | | |
| РОС | BAAQMD | Z | | Gasket cover ≤ 0.32 cm | BAAQMID | P/twice per year at | Inspection | Continuous | |
| | 8-320.3.1 | | | (1/8 in) gap | 8-5-402.3 & | 4 to 8 months | Certification | | |
| | | | | | 8-5-404 | interval | | | |
| РОС | BAAQMD | Z | | Inaccessible opening no | BAAQMD | P/twice per year at | Inspection | Continuous | |
| | 8-320.3.2 | | | visible gap | 8-5-402.3 & | 4 to 8 months | Certification | | |
| | | | | | 8-5-404 | interval | | | |
| РОС | BAAQMD | Z | | Solid sampling or gauging | BAAQMD | P/twice per year at | Inspection | Continuous | |
| | 8-5-320.4.2 | | | wells in closed position | 8-5-402.3 & | 4 to 8 months | Certification | | |
| | | | | with cover, seal or lid ≤ | 8-5-404 | interval | | | |
| | | | | 0.32 cm (1/8 in) | | *************************************** | | | 1. 1. 1. 1. 1. 1. 1. 1. 1. 1. 1. 1. 1. 1 |
| РОС | BAAQMD | Z | | Solid sampling or gauging | BAAQMD | P/twice per year at | Inspection | Continuous | |
| | 8-5-320.4.3 | | | wells: Gap between well | 8-5-402.3 & | 4 to 8 months | Certification | | |
| | | | • | and roof shall be added to | 8-5-404 | interval | | | |
| | | | | gaps measured ≤ 1.3 cm | | | | | |
| | | | | (1/2 in) | | | | | |
| POC | BAAQMD | z | | Slotted sampling or | BAAQMD | P/twice per year at | Inspection | Continuous | |
| | 8-5-320.5.2 | | | gauging wells in closed | 8-5-402.2 & | 4 to 8 months | Certification | | |
| | | | | position with cover, seal or | 8-5-404 | interval | | | - |
| | | | | $lid \le 1.3 cm (1/2 in)$ | | | | | |

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Title V Semi-Annual Monitoring Verification Report for Period May 1, 2012 through October 31, 2012

Table VII – E Applicable Limits and Compliance Monitoring Requirements \$12 - Storage Tank – Internal Floating Roof

| | | | *************************************** | 31.2 - 31OR | CAGE LANA | OLZ - OLORAGE LAINA - INTERNAL FLOATING NOOF | MING NOOF | | |
|-------|-------------|-----|---|-------------------------------|-------------|--|---|---|------------------------|
| Туре | Citation of | FE | Future | Limit | Monitoring | Monitoring | Monitoring | Compliance Status | Additional Information |
| of | Limit | Y/N | Effective | | Requirement | Frequency | Type | "Continuous"; | |
| Limit | | | Date | <u> </u> | Citation | (P/C/N) | | "Intermittent"; or "Not in Compliance" | |
| РОС | BAAQMD | z | | Slotted sampling or | BAAQMD | P/twice per year at | Inspection | Continuous | |
| | 8-5-320.5.3 | | | gauging wells: Gap | 8-5-402.2 & | 4 to 8 months | Certification | | |
| | | | | between well and roof shall | 8-5-404 | interval | | | |
| | | | | be added to gaps measured | | | | | |
| | | | | ≤ 1.3 cm (1/2 in) | ***** | | | | |
| РОС | BAAQMD | z | | Emergency roof drain with | BAAQMD | P/twice per year at | Inspection | Continuous | |
| | 8-5-320.6 | | | slotted membrane fabric | 8-5-402 & | 4 to 8 months | Certification | | |
| | | | | cover ≥ 90% opening area | 8-5-404 | interval | | | |
| РОС | BAAQMD | z | | No holes, tears or other | BAAQMD | P/twice per year at | Inspection | Continuous | |
| | 8-5-321.1 | | | openings in the primary | 8-5-402.2 & | 4 to 8 months | Certification | | |
| | | | | seal fabric | 8-5-404 | interval | | | |
| РОС | BAAQMD | z | | Primary seal metallic shoe | BAAQMD | Р/10 ут | Inspection | Continuous | |
| | 8-5-321.2 | | | or liquid mounted type | 8-5-402.1 | P/10 yr | Certification | | |
| | | | | | 8-5-404 | | *************************************** | | |
| РОС | BAAQMD | z | | Primary seal metallic shoe | BAAQMD | P/10 yr | Inspection | Continuous | |
| | 8-5-321.3 | | | extends minimum 61 cm | 8-5-401, | Р/10 ут | Certification | | |
| | | | | (24 in) for external floating | 8-5-404 | | | | |
| | | | | and 18 in for internal | | | | | |
| | | | | Floating Roof tank above | | | | | |
| | | | | liquid surface | | | | | |
| РОС | BAAQMD | z | | Gap between shoe and tank | BAAQMD | Р/10 ут | Inspection | Continuous | |
| | 8-5-321.3.1 | | | shell is no greater than 46 | 8-5-401, | Р/10 ут | Certification | | |
| | | | | cm (18 in) | 8-5-404 | | | | |

Title V Semi-Annual Monitoring Verification Report for Period May 1, 2012 through October 31, 2012

Applicable Limits and Compliance Monitoring Requirements S12 - STORAGE TANK - INTERNAL FLOATING ROOF Table VII – E

| | | P(| | | | P(| | | | | | | | | | | | | | | P | Ę | - - | ٥ | Ţ | |
|-----------------|----------------------|-----------------------|--------------|------------------------|---------------------------|--------------------|---|----------------------|--------------------------|--------------------------|-----------------------|-------------------|----------------------------|--------------------------|--------------------|---------------|---------------------------|----------------------------|--------------------------|----------------------------|-----------------------|---------------------|--------------------|---------------|------------------------|--|
| | | РОС | ļ , <u>.</u> | | · | POC | | | | | | | | | | | | | | | POC | | <u>:</u> | of _ | Type | |
| | 8-5-303.1 | SIP | | | 8-5-328.1.1 | BAAQMD | | | | | | | | | | | | | | 8-5-321.3.2 | BAAQMD | | | Limit | Citation of | |
| | | ۲ | | | | z | | | | | | | | | | | | | | | Z | | | ΝX | HE | |
| | | | | | | | | | | | | | | | | | | | | | | Date | D. f. | Effective | Future | |
| mmHg (0.5 psia) | max pressure or 25.8 | PVV set within 10% of | ppm | concentration < 10,000 | cleaning 90% control, POC | Tank ≥ 75 m³, Tank | circumference | cm (1/8 in) < 40% of | seal gaps exceeding 0.32 | cumulative length of all | circumference and the | (1/2 in) < 10% of | seal gaps exceeding 1.3 cm | cumulative length of all | circumference. The | exceed 10% of | > 0.32 cm ((1/8 in) shall | 1/2 in). No continuous gap | primary seal < 3.8 cm (1 | between tank shell and the | For welded tanks, gap | | | | Limit | |
| 8-5-404 | 8-5-403 & | SIP | | | 8-5-502 | BAAQMD | | | | | | | | | | | | | 8-5-404 | 8-5-401, | BAAQMD | Citation | Citation | Requirement | Monitoring | |
| interval | 4 to 8 months | P/twice per year at | | | | P/A | *************************************** | | | | | | | | | | | | | Р/10 ут | Р/10 ут | (47000) | PICIN | Frequency | Monitoring | |
| | Certification | Inspection | | | | Source Test | | | | | | | | | | • | | | | Certification | Inspection | | | Type | Monitoring | |
| | | Continuous | | | | Continuous | | | | | | | | | | | | | | | Continuous | "Not in Compliance" | "Intermittent": or | "Continuous"; | during Period: | |
| | | | 1 | | | | *************************************** | | | | | | | | | | | | | | | | _ | | Additional Information | |

Title V Semi-Annual Monitoring Verification Report for Period May 1, 2012 through October 31, 2012

Table VII – E Applicable Limits and Compliance Monitoring Requirements \$12 - Storage Tank – Internal Floating Roof

| | | | | | ≤ 1.3 cm (1/2 in) | | | | |
|------------------------|--|---------------|---------------------|-------------|------------------------------|-----------|----------|-------------|-------|
| | | | | | be added to gaps measured | | | | |
| | | | interval | 8-5-404 | between well and roof shall | | | | |
| | | Certification | 4 to 8 months | 8-5-402.2 & | gauging wells: Gap | | | 8-5-320.5.3 | |
| | Continuous | Inspection | P/twice per year at | SIP | Slotted sampling or | | ~ | SIP | РОС |
| | | | | | $lid \le 1.3 cm (1/2 in)$ | | | | |
| | | | interval | 8-5-404 | position with cover, seal or | | | • | |
| | | Certification | 4 to 8 months | 8-5-402.2 & | gauging wells in closed | | | 8-5-320.5.2 | |
| | Continuous | Inspection | P/twice per year at | SIP | Slotted sampling or | | ~ | SIP | РОС |
| | | | | | (1/2 in) | | | | |
| | | | | | gaps measured ≤ 1.3 cm | | | | |
| | | | interval | 8-5-404 | and roof shall be added to | | | | |
| | | Certification | 4 to 8 months | 8-5-402.3 & | wells: Gap between well | | | 8-5-320.4.3 | |
| | Continuous | Inspection | P/twice per year at | SIP | Solid sampling or gauging | | ~ | SIP | РОС |
| | | | | | 0.32 cm (1/8 in) | | _ | | |
| | | | interval | 8-5-404 | with cover, seal or lid ≤ | | | | |
| | | Certification | 4 to 8 months | 8-5-402.3 & | wells in closed position | | | 8-5-320.4.2 | |
| | Continuous | Inspection | P/twice per year at | SIP | Solid sampling or gauging | | ~ | SIP | РОС |
| | | | interval | 8-5-404 | | | | | |
| | | Certification | 4 to 8 months | 8-5-402.3 & | visible gap | | | 8-320.3.2 | |
| | Continuous | Inspection | P/twice per year at | SIP | Inaccessible opening no | | ~ | SIP | POC |
| | | | interval | 8-5-404 | | | | | |
| | | Certification | 4 to 8 months | 8-5-402.3 & | (1/8 in) gap | | | 8-320.3.1 | |
| | Continuous | Inspection | P/twice per year at | SIP | Gasket cover ≤ 0.32 cm | | γ | SIP | РОС |
| | "Intermittent"; or "Not in Compliance" | | (P/C/N) | Citation | | Date | | | Limit |
| | "Continuous"; | Type | Frequency | Requirement | | Effective | Y/N | Limit | of |
| Additional Information | Compliance Status | Monitoring | Monitoring | Monitoring | Limit | Future | FE | Citation of | Type |
| | 2 | 1000 | | | O TO TO | | | | |

Title V Semi-Annual Monitoring Verification Report for Period May 1, 2012 through October 31, 2012

Table VII – E Applicable Limits and Compliance Monitoring Requirements \$12 - Storage Tank – Internal Floating Roof

| Type | _ | 1 | 7 | | | | 1 | T. WILLIAM C. C. CALOS |
|-------|-------------|----|-----------|-------------------------------|--------------|---------------------|---------------|------------------------|
| .75. | CITATION OF | 7 | Future | Limit | SILLIOUTOIAL | Sur tourious? | Surformoral | during Period: |
| of | Limit | XX | Effective | | Requirement | Frequency | Туре | "Continuous"; |
| Limit | ·- r | | Date | | Citation | (P/C/N) | | "Intermittent"; or |
| | | | | | | | | "Not in Compliance" |
| РОС | SIP | Υ | | Emergency roof drain with | SIP | P/twice per year at | Inspection | Continuous |
| | 8-5-320.6 | | | slotted membrane fabric | 8-5-402 & | 4 to 8 months | Certification | |
| | | | | cover ≥ 90% opening area | 8-5-404 | interval | | |
| РОС | SIP | Y | | No holes, tears or other | SIP | P/twice per year at | Inspection | Continuous |
| | 8-5-321.1 | | | openings in the primary | 8-5-402.2 & | 4 to 8 months | Certification | |
| | | | | seal fabric | 8-5-404 | interval | | |
| РОС | SIP | Υ | | Primary seal metallic shoe | SIP | Р/10 ут | Inspection | Continuous |
| | 8-5-321.2 | | | or liquid mounted type | 8-5-402.1 | Р/10 ут | Certification | |
| | | | | | 8-5-404 | | | |
| РОС | SIP | Y | | Primary seal metallic shoe | SIP | P/10 yr | Inspection | Continuous |
| | 8-5-321.3 | | | extends minimum 61 cm | 8-5-401, | P/10 yr | Certification | |
| | | | | (24 in) for external floating | 8-5-404 | | | |
| | ···· | • | | and 18 in for internal | | | | |
| | | | | Floating Roof tank above | | | | |
| | | | | liquid surface | | | | |
| РОС | SIP | ~ | | Gap between shoe and tank | SIP | P/10 yr | Inspection | Continuous |
| | 8-5-321.3.1 | | | shell is no greater than 46 | 8-5-401, | P/10 yr | Certification | |
| | | | | cm (18 in) | 8-5-404 | | | |

Table VII – E

Applicable Limits and Compliance Monitoring Requirements

\$12 - STORAGE TANK – INTERNAL FLOATING ROOF

| | Š | 3 | | POC | | | | | | | | | _ | | | | | | РОС | Limit | of | Type | |
|------------------------|---------------------------|-------------------------------|----------------------------|-----------------------------------|---------------|----------------------|--------------------------|--------------------------|-----------------------|-------------------|----------------------------|--------------------------|--------------------|---------------|---------------------------|----------------------------|--------------------------|----------------------------|-----------------------|--|---------------|------------------------|--|
| | SIP 8-5-328.1.2 | CIID | 8-5-328.1.1 | SIP | | | | | | | | | | | | | | 8-5-321.3.2 | SIP | | Limit | Citation of | |
| | H | < | | ¥ | | | | | | | | | | | | | | | ~ | | ¥ | FΕ | |
| | | | | | | | | | | | | | | | | | | | | Date | Effective | Future | |
| concentration < 10,000 | cleaning 90% control, POC | Tank > 75 m ³ Tank | cleaning shall have liquid | Tank $\geq 75 \text{ m}^3$, tank | circumference | cm (1/8 in) < 40% of | seal gaps exceeding 0.32 | cumulative length of all | circumference and the | (1/2 in) < 10% of | seal gaps exceeding 1.3 cm | cumulative length of all | circumference. The | exceed 10% of | > 0.32 cm ((1/8 in) shall | 1/2 in). No continuous gap | primary seal < 3.8 cm (1 | between tank shell and the | For welded tanks, gap | | | Limit | |
| | 3.F 8-5-502 | dib | | None | | | | | | | | | | | | | 8-5-404 | 8-5-401, | SIP | Citation | Requirement | Monitoring | |
| | r/A | D/A | | z | | | | | | | | | | | | | | P/10 ут | Р/10 ут | (P/C/N) | Frequency | Monitoring | |
| | Source Test | Source Test | | None | | | | | | | | | | | | | | Certification | Inspection | | Type | Monitoring | |
| | Contillidous | Continuous | | Continuous | | | | | | | | | | | | | | | Continuous | "Intermittent"; or "Not in Compliance" | "Continuous"; | during Period: | |
| | | | | | | | | | | | | | | | | | | | | | | Additional Information | |

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Table VII – E Applicable Limits and Compliance Monitoring Requirements \$12-STORAGE TANK – INTERNAL FLOATING ROOF

| Type | Citation of | FE | Future | Limit | Monitoring | nit Monitoring Monitoring Mon | Monitoring | Compliance Status | Additional Information |
|----------|--------------|-----|-----------|-------------------------|----------------|-------------------------------|---------------|---|------------------------|
| of | Limit | Y/N | Effective | | Requirement | Frequency | Type | "Continuous"; | |
| Limit | | | Date | | Citation | (P/C/N) | | "Intermittent"; or "Not in Compliance" | |
| POC | 40 cfr | Υ | 1/10/2011 | | 40 cfr | P/E, 1 or 5 or 10 yrs | Visual | | |
| | 63.11087 (a) | | | | 63.11092(e)(1) | | Inspection, | | |
| | | | | | | | Recordkeeping | | |
| Ethanol | BAAQMD | У | | 5.04 MM gallons/yr | BAAQMD | P/M | Recordkeeping | Continuous | |
| through | Condition | | | | Condition | | | | |
| -put | #5406, part | | | | #5406, part 2 | | | | |
| limit | - | | | | | | | | |
| Certific | BAAQMD | | | Submit report within 60 | BAAQMD 8- | | Submittal | Continuous | |
| ation | 8-5-404 | | | days of inspection or | 5-404 | | | | |
| | | | | source test | | | | *************************************** | |
| | BAAQMD | 4 | | | | | | Continuous | |
| | Regulation | | | | | | | | |
| | 8, Rule 5 | | | | | | | | |
| | (amended on | | | | | | | | |
| | 10/18/06) | | | | | | | | |

Table VII – F
Applicable Limits and Compliance Monitoring Requirements
S33, S40 - STORAGE TANKS-INTERNAL FLOATING ROOF

| | | | | | | The second second | | CARTERIOR ESCO | • | |
|-----|-------------|---------------|-----|-----------|----------------------------------|-------------------|--------------|----------------|--|------------------------|
| | Type of | Citation of | FE | Future | Limit | Monitoring | Monitoring | Monitoring | Compliance Status | Additional Information |
| | Limit | Limit | Y/N | Effective | | Requirement | Frequency | Type | "Continuous"; | |
| | | | | Date | | Citation | (P/C/N) | | "Intermittent"; or "Not in Compliance" | |
| - , | РОС | 40 CFR | Υ | | | 40 CFR | P/E | Initial Report | Continuous | |
| | | 60.112b(a)(1) | | | | 60.115b(a) | | | | |
| | | | | | | (I) | | | | |
| | РОС | 40 CFR | | | | 40 CFR | P/E | Visual | Continuous | |
| | | 60.113b(a)(1) | | | | 60.115b(a) | | Inspection, | | |
| | | | | - | | (2) | | Record | | |
| | | | | | | | | keeping | | |
| - | POC | BAAQMD | Z | | PVV set within 10% of max | BAAQMD | P/twice per | Inspection | Continuous | |
| | | 8-5-303.1 | | | pressure or 25.8 mmHg (0.5 psia) | 8-5-403 & | year at 4 to | Certification | | |
| | | | | | | 8-5-404 | 8 months | | | |
| | | | | | | | interval | | | |
| | | BAAQMD | Z | | Viewport Requirements | | | Inspection | Continuous | |
| | | 8-5-305.3 | | | | | | | | |
| | POC | BAAQMD 8- | z | | Gasket cover ≤ 0.32 cm (1/8 in) | BAAQMD | P/twice per | Inspection | Continuous | |
| | | 320.3.1 | | | gap | 8-5-402.3 & | year at 4 to | Certification | | |
| | | | | | | 8-5-404 | 8 months | | | |
| | | | | | | | interval | | | |
| , | POC | BAAQMD 8- | z | | Inaccessible opening no visible | BAAQMD | P/twice per | Inspection | Continuous | |
| | | 320.3.2 | | | gap | 8-5-402.3 & | year at 4 to | Certification | | |
| | | | | | | 8-5-404 | 8 months | | | |
| | | | | | | | interval | | | |
| | | | | | | | | | | |

Title V Semi-Annual Monitoring Verification Report for Period May 1, 2012 through October 31, 2012

Table VII – F Applicable Limits and Compliance Monitoring Requirements \$33,840 - STORAGE TANKS-INTERNAL FLOATING ROOF

| Type of Limit | f Citation of Limit | Y/N | Future Effective Date | Limit | Monitoring Requirement Citation | Monitoring Frequency (P/C/N) | Monitoring Type | Compliance Status during Period: "Continuous"; "Intermittent"; or "Not in Compliance" | Additional Information |
|------------------|---------------------|---------------|-----------------------|-------------------------------------|---------------------------------|------------------------------|--------------------|---|------------------------|
| Limit | Limit | | | • | Requirement Citation | Frequency (P/C/N) | Туре | "Continuous"; "Intermittent"; or "Not in Compliance" | |
| | | | Date | | Citation | (P/C/N) | | "Intermittent"; or "Not in Compliance" | |
| I | | | | | | | | | |
| POC | BAAQMD 8- | z | | Solid sampling or gauging wells | BAAQMD | P/twice per | Inspection | Continuous | |
| | 5-320.4.2 | | | in closed position with cover, seal | 8-5-402.3 & | year at 4 to | Certification | | |
| - | | | | or lid ≤ 0.32 cm (1/8 in) | 8-5-404 | 8 months | | | |
| | | | | | | interval | | | |
| POC | BAAQMD 8- | <u>z</u> | | Solid sampling or gauging wells: | BAAQMD | P/twice per | Inspection | Continuous | |
| | 5-320.4.3 | | | Gap between well and roof shall be | 8-5-402.3 & | year at 4 to | Certification | | |
| | | | | added to gaps measured ≤ 1.3 cm | 8-5-404 | 8 months | | | |
| | | | | (1/2 in) | | interval | | | |
| POC | BAAQMD 8- | <u>-</u> z | | Slotted sampling or gauging wells | BAAQMD | P/twice per | Inspection | Continuous | |
| | 5-320.5.2 | | | in closed position with cover, seal | 8-5-402.2 & | year at 4 to | Certification | | |
| | | | - | or lid ≤ 1.3 cm (1/2 in) | 8-5-404 | 8 months | | | |
| | | | | | | interval | | | |
| POC | BAAQMD 8- | <u>~</u> z | | Slotted sampling or gauging wells: | BAAQMD | P/twice per | Inspection | Continuous | |
| | 5-320.5.3 | | | Gap between well and roof shall be | 8-5-402.2 & | year at 4 to | Certification | | |
| | • | | | added to gaps measured ≤ 1.3 cm | 8-5-404 | 8 months | | | |
| - | | | | (1/2 in) | | interval | - | | |
| POC | BAAQMD 8- | z | | Emergency roof drain with slotted | BAAQMD | P/twice per | Inspection | Continuous | |
| | 5-320.6 | | | membrane fabric cover ≥ 90% | 8-5-402 & | year at 4 to | Certification | | |
| | | <u>-</u> | | opening area | 8-5-404 | 8 months | | | |
| | | | | | | interval | | | |
| РОС | BAAQMD 8- | z | | No holes, tears or other openings | BAAQMD | P/twice per | Inspection | Continuous | |
| | 5-321.1 | | | in the primary seal fabric | 8-5-402.2 & | year at 4 to | Certification | | |
| | | | · | | 8-5-404 | 8 months | | | |
| | | | | | | interval | | | |

Title V Semi-Annual Monitoring Verification Report for Period May 1, 2012 through October 31, 2012

Table VII – F Applicable Limits and Compliance Monitoring Requirements \$33, \$40 - Storage Tanks-Internal Floating Roof

| | Ī | | | COO, CHO - CI CINGE I CIVING INTERIOR I DOC | T CHANGE | | 02:110 | | |
|-------------|-------------|-----|-----------|---|-------------|------------|---------------|--|------------------------|
| Type of | Citation of | FE. | Future | Limit | Monitoring | Monitoring | Monitoring | Compliance Status | Additional Information |
| Limit | Limit | Ϋ́Z | Effective | | Requirement | Frequency | Туре | "Continuous"; | |
| | | | Date | | Citation | (P/C/N) | | "Intermittent"; or "Not in Compliance" | |
| POC | BAAQMD 8- | z | | Primary seal metallic shoe or | BAAQMD | Р/10 уг | Inspection | Continuous | |
| | 5-321.2 | | | liquid mounted type | 8-5-402.1 | P/10 yr | Certification | | |
| | | | | | 8-5-404 | | | | |
| POC | BAAQMD 8- | Z | | Primary seal metallic shoe extends | BAAQMD | P/10 yr | Inspection | Continuous | |
| | 5-321.3 | | • | minimum 61 cm (24 in) for | 8-5-401, | P/10 yr | Certification | | |
| | | | | external floating and 18 in for | 8-5-404 | | | | |
| | | | | internal Floating Roof tank above | | | | | |
| | | | | liquid surface | | | | | |
| POC | BAAQMD 8- | z | | Gap between shoe and tank shell is | BAAQMD | P/10 yr | Inspection | Continuous | |
| | 5-321.3.1 | | | no greater than 46 cm (18 in) | 8-5-401, | P/10 yr | Certification | | |
| | | | | | 8-5-404 | | | | |
| Certificati | BAAQMD | | | Submit report within 60 days of | BAAQMD | | Submittal | Continuous | |
| on | 8-5-404 | | | inspection or source test | 8-5-404 | | | | |
| POC | BAAQMD 8- | z | | For welded tanks, gap between | BAAQMD | Р/10 ут | Inspection | Continuous | |
| | 5-321.3.2 | | | tank shell and the primary seal < | 8-5-401, | P/10 yr | Certification | | |
| | | | | 3.8 cm (1 1/2 in). No continuous | 8-5-404 | | - | | |
| | | | -, - | gap > 0.32 cm ((1/8 in) shall | | | | | |
| - | | | | exceed 10% of circumference. | | | | | |
| - | | | | The cumulative length of all seal | | | | | |
| | | | | gaps exceeding $1.3 \text{ cm} (1/2 \text{ in}) <$ | | | | | |
| | | | | 10% of circumference and the | | | | | |
| | | | | cumulative length of all seal gaps | | | | | |
| | | | | exceeding $0.32 \text{ cm} (1/8 \text{ in}) < 40\%$ | | | · | | |
| | | | | of circumference | | | | | |

Table VII – F Applicable Limits and Compliance Monitoring Requirements \$33, \$40 - Storage Tanks-Internal Floating Roof

| | | | | | 10,000 ppm | | | | |
|--|--|---------------|--------------|-------------|--|-----------|--------------|---------------|---------|
| | | | | 8-5-502 | control, POC concentration < | | | 5-328.1.1 | |
| | Continuous | Source Test | P/A | BAAQMD | Tank ≥ 75 m ³ , Tank cleaning 90% | | z | BAAQMD 8- | POC |
| | | | | 8-5-404 | cm (1/2 in) | | | | |
| | | Certification | P/10 yr | 8-5-402, & | secondary seal shall not exceed 1.3 | | | 5-322.3 | |
| | Continuous | Inspection | P/10 yr | BAAQMD | Gap between tank shell and the | | z | BAAQMD 8- | РОС |
| | | | | 8-5-404 | width | | | | |
| | | Certification | Р/10 уг | 8-5-402, & | insertion up to 3.8 cm (1 1/2 in) in | | | 5-322.2 | |
| | Continuous | Inspection | P/10 yr | BAAQMD | Secondary seal shall allow | | z | BAAQMD 8- | POC |
| | | | interval | | | | | | |
| | | | 8 months | 8-5-404 | | | | | |
| | | Certification | year at 4 to | 8-5-402.2 & | | | | 5-322.1 | |
| | Continuous | Inspection | P/twice per | BAAQM | No holes, tears, or other openings | | Z | BAAQMD 8- | POC |
| | | reporting | | | | | | | |
| | | keeping and | | | | | | | |
| | | Record | | (3) | | | | | |
| | | Inspection, | | 60.115b(a) | | | | 60.113b(a)(2) | |
| | Continuous | Visual | P/12 month | 40 CFR | | | ~ | 40 CFR | POC |
| | | keeping | | | | | | | |
| | | Record | | (2) | | | | | |
| | | Inspection, | | 60.115b(a) | | | | 60.113b(a)(1) | |
| | Continuous | Visual | P/E | 40 CFR | | | Y | 40 CFR | РОС |
| | "Intermittent"; or "Not in Compliance" | | (P/C/N) | Citation | | Date | | | |
| | "Continuous"; | Type | Frequency | Requirement | | Effective | ۲ <u>/</u> ۲ | Limit | Limit |
| Additional Information | Compliance Status | Monitoring | Monitoring | Monitoring | Limit | Future | FE | Citation of | Type of |
| Y************************************* | L | | | T I | T | | 1 | | |

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Title V Semi-Annual Monitoring Verification Report for Period May 1, 2012 through October 31, 2012

Table VII – F Applicable Limits and Compliance Monitoring Requirements \$33, \$40 - Storage Tanks-Internal Floating Roof

| Type of Limit Citation of Limit FRE pettive Limit Limit Limit V/N Effective Effective Effective Limit Prequency Pressure or 25.8 mmHg (0.5 psia) Monitoring Citation Monitoring Prequency Prequency Pressure or 25.8 mmHg (0.5 psia) Monitoring Citation Monitoring Prequency Prequency Pressure or 25.8 mmHg (0.5 psia) SIP Phiwice per Inspection Procured Privace per Inspection Number of Pressure or 25.8 mmHg (0.5 psia) 8-5-403 & year at 4 to Privace per Inspection Inspection Inspection Privace per Inspection Inspection Inspection Privace per Inspection Inspection Interval Privace per Inspection Privace per Inspection Interval | | | | | | DOD, DAU - DIOKAGE I ANNO-INIEKNAL FLUATI | I ANKO-IN | I BRUAL FL | OATING NOOF | 7 |
|---|---|---------|-------------|----------|-----------|---|-------------|--------------|---------------|--|
| Limit Y/N Effective Date Properties Properti | | Type of | Citation of | HE | Future | Limit | Monitoring | Monitoring | Monitoring | Compliance Status |
| SIP Y PVV set within 10% of max SIP P/lwice per Inspection | | Limit | Limit | K/N | Effective | | Requirement | Frequency | Туре | "Continuous"; |
| SIP Y PyV set within 10% of max SIP Phwice per Inspection 8-5-303.1 pressure or 25.8 mmHg (0.5 psia) 8-5-403 & year at 4 to Certification 8-5-303.1 SIP Y Viewport Requirements SIP Phwice per Inspection 8-5-305.3 SIP Y Gasket cover ≤ 0.32 cm (1/8 in) SIP Phwice per Inspection 8-5-305.3 Y Gasket cover ≤ 0.32 cm (1/8 in) SIP Phwice per Inspection 8-5-305.3 Y Inaccessible opening no visible gap SIP Phwice per Inspection 8-5-303.1 Y Inaccessible opening no visible gap SIP Phwice per Inspection 8-303.2 Y Solid sampling or gauging wells 8-5-402.3 & year at 4 to Certification 8-5-320.4.2 Y Solid sampling or gauging wells SIP Phwice per Inspection 8-5-320.4.3 Y Solid sampling or gauging wells 8-5-402.3 & year at 4 to Certification 8-5-320.4.3 Y Solid sampling or gauging wells SIP | | | | | Date | | Citation | (P/C/N) | | "Intermittent"; or "Not in Compliance" |
| S. B. S. 303.1 Pressure or 25.8 mmHg (0.5 psia) B. 5.403 & year at 4 to | | РОС | SIP | ۲ | | PVV set within 10% of max | SIP | P/twice per | Inspection | |
| SIP Y Viewport Requirements 8-5-404 8 months interval SIP Y Viewport Requirements SIP Phwice per SIP Y Gasket cover ≤ 0.32 cm (1/8 in) SIP Phwice per 8-320.3.1 Y Gasket cover ≤ 0.32 cm (1/8 in) SIP Phwice per 8-320.3.1 Y Inaccessible opening no visible opening no visible shapping or gauging wells SIP Phwice per 8-320.3.2 Y Inaccessible opening no visible opening no visible opening no visible shapping or gauging wells 8-5-402.3 & year at 4 to opening no visible opening or gauging wells 8-5-402.3 & year at 4 to opening no visible opening | | | 8-5-303.1 | | | pressure or 25.8 mmHg (0.5 psia) | 8-5-403 & | year at 4 to | Certification | |
| SIP Y Viewport Requirements Interval 8-5-305.3 SIP Y iewport Requirements SIP P/twice per 8-5-305.3 SIP Y interval SIP P/twice per 8-320.3.1 SIP Y B-5-402.3 & year at 4 to 8-5-402.3 & year at 4 to 8-320.3.2 Inaccessible opening no visible SIP P/twice per 8-320.3.2 Sip Y Solid sampling or gauging wells 8-5-402.3 & year at 4 to 8-5-320.4.2 in closed position with cover, seal 8-5-402.3 & year at 4 to 8 months 8-5-320.4.3 Solid sampling or gauging wells: 8-5-402.3 & year at 4 to interval 8-5-320.4.3 Gap between well and roof shall be 8-5-402.3 & year at 4 to year at 4 to 8-5-320.4.3 Gap between well and roof shall be 8-5-402.3 & year at 4 to interval | | | | | | | 8-5-404 | 8 months | | |
| SIP Y Viewport Requirements SIP P/twice per 8-5-305.3 SIP Gasket cover ≤ 0.32 cm (1/8 in) SIP P/twice per 8-5-305.3.1 SIP Y 8-5-402.3 & year at 4 to 8 months 8-320.3.1 Y Inaccessible opening no visible gap 8-5-402.3 & year at 4 to SIP P/twice per 8-320.3.2 gap 8-5-402.3 & year at 4 to 8 months interval SIP Y Solid sampling or gauging wells SIP P/twice per 8-5-320.4.2 in closed position with cover, seal or lid ≤ 0.32 cm (1/8 in) 8-5-402.3 & year at 4 to 9 months SIP Y Solid sampling or gauging wells 8-5-402.3 & year at 4 to 9 months SIP Y Solid sampling or gauging wells 8-5-402.3 & year at 4 to 9 months SIP Y Solid sampling or gauging wells 8-5-404.4 8 months 8-5-320.4.3 Gap between well and roof shall be 8-5-402.3 & year at 4 to 9 months 8-5-402.3 year at 4 to 10 months 10 months 10 months | | | | | | | | interval | | |
| SIP | | | SIP | Y | | Viewport Requirements | | | Inspection | |
| SIP Y Gasket cover ≤ 0.32 cm (1/8 in) SIP P/twice per 8-320.3.1 gap 8-5-402.3 & year at 4 to 8 months SIP Y Inaccessible opening no visible SIP P/twice per 8-320.3.2 y Inaccessible opening no visible 8-5-402.3 & year at 4 to 8 months SIP Y Solid sampling or gauging wells SIP P/twice per 8-5-320.4.2 in closed position with cover, seal 8-5-402.3 & year at 4 to 9 months SIP Y Solid sampling or gauging wells 8-5-402.3 & year at 4 to interval SIP Y Solid sampling or gauging wells 8-5-404 8 months 8-5-320.4.3 Gap between well and roof shall be 8-5-402.3 & year at 4 to added to gaps measured ≤ 1.3 cm 8-5-404 8 months interval interval | _ | | 8-5-305.3 | | | | | | | |
| 8-320.3.1 gap SIP Y | | POC | SIP | ≺ | | Gasket cover ≤ 0.32 cm (1/8 in) | SIP | P/twice per | Inspection | |
| SIP Y Inaccessible opening no visible SIP P/twice per 8-320.3.2 gap 8-5-402.3 & year at 4 to year at 4 to SIP Y Solid sampling or gauging wells SIP P/twice per 8-5-320.4.2 in closed position with cover, seal 8-5-402.3 & year at 4 to year at 4 to SIP Y Solid sampling or gauging wells 8-5-402.3 & year at 4 to interval SIP Y Solid sampling or gauging wells 8-5-404 8 months SIP Y Solid sampling or gauging wells 8-5-404 8 months 8-5-320.4.3 Gap between well and roof shall be 8-5-402.3 & year at 4 to 8 months added to gaps measured ≤ 1.3 cm 8-5-404 8 months interval | | | 8-320.3.1 | | | gap | 8-5-402.3 & | year at 4 to | Certification | |
| SIP Y Inaccessible opening no visible SIP P/twice per 8-320.3.2 gap 8-5-402.3 & year at 4 to 8-5-402.3 & year at 4 to SIP Y Solid sampling or gauging wells SIP P/twice per 8-5-320.4.2 in closed position with cover, seal 8-5-402.3 & year at 4 to year at 4 to SIP Y Solid sampling or gauging wells 8-5-402.3 & year at 4 to interval SIP Y Solid sampling or gauging wells SIP P/twice per 8-5-320.4.3 Gap between well and roof shall be 8-5-402.3 & year at 4 to 8 months added to gaps measured ≤ 1.3 cm 8-5-404 8 months interval interval 1/2 in) | | | | | | | 8-5-404 | 8 months | | |
| SIP Y Inaccessible opening no visible SIP P/twice per 8-320.3.2 gap 8-5-402.3 & year at 4 to year at 4 to 8-320.3.2 Solid sampling or gauging wells 8-5-404 8 months SIP Y Solid sampling or gauging wells 8-5-402.3 & year at 4 to SIP Y Solid sampling or gauging wells 8-5-402.3 & months SIP Y Solid sampling or gauging wells SIP P/twice per 8-5-320.4.3 Gap between well and roof shall be 8-5-402.3 & year at 4 to 8 months added to gaps measured ≤ 1.3 cm 8-5-402.3 & year at 4 to 8 months interval interval 9-5-402.3 & year at 4 to | _ | | | | | | | interval | | l |
| 8-320.3.2 gap 8-5-402.3 & year at 4 to 8-320.3.2 8-5-404 8 months SIP Y Solid sampling or gauging wells SIP P/twice per 8-5-320.4.2 in closed position with cover, seal 8-5-402.3 & year at 4 to or lid ≤ 0.32 cm (1/8 in) 8-5-404 8 months SIP Y Solid sampling or gauging wells: SIP P/twice per 8-5-320.4.3 Gap between well and roof shall be 8-5-402.3 & year at 4 to added to gaps measured ≤ 1.3 cm 8-5-404 8 months interval interval interval 1/2 in) 8-5-404 8 months | | POC | SIP | Υ | | Inaccessible opening no visible | SIP | P/twice per | Inspection | |
| SIP Y Solid sampling or gauging wells SIP Ptwice per in closed position with cover, seal 8-5-404 8 months or lid ≤ 0.32 cm (1/8 in) 8-5-402.3 & year at 4 to or lid ≤ 0.32 cm (1/8 in) 8-5-402.3 & interval seal seal seal seal seal seal seal se | | | 8-320.3.2 | | | gap | 8-5-402.3 & | year at 4 to | Certification | |
| SIP Y Solid sampling or gauging wells SIP P/twice per in closed position with cover, seal 8-5-402.3 & year at 4 to or lid ≤ 0.32 cm (1/8 in) 8-5-404 8 months interval SIP Y Solid sampling or gauging wells: SIP P/twice per Solid sampling or gauging wells: SIP P/twice per 8-5-320.4.3 Gap between well and roof shall be 8-5-402.3 & year at 4 to added to gaps measured ≤ 1.3 cm 8-5-404 8 months interval | | | | | | | 8-5-404 | 8 months | | |
| SIP Y Solid sampling or gauging wells SIP Ptwice per in closed position with cover, seal 8-5-402.3 & year at 4 to or lid ≤ 0.32 cm (1/8 in) 8-5-404 8 months interval SIP Y Solid sampling or gauging wells: SIP Ptwice per 8-5-320.4.3 Gap between well and roof shall be 8-5-402.3 & year at 4 to added to gaps measured ≤ 1.3 cm 8-5-404 8 months interval | | | | | | | | interval | | |
| 8-5-320.4.2 in closed position with cover, seal 8-5-402.3 & year at 4 to or lid ≤ 0.32 cm (1/8 in) 8-5-404 8 months interval SIP Y Solid sampling or gauging wells: SIP P/twice per 8-5-320.4.3 Gap between well and roof shall be 8-5-402.3 & year at 4 to added to gaps measured ≤ 1.3 cm 8-5-404 8 months interval | | РОС | SIP | ٧ | | Solid sampling or gauging wells | SIP | P/twice per | Inspection | |
| SIP Y Solid sampling or gauging wells: SIP P/twice per Gap between well and roof shall be added to gaps measured ≤ 1.3 cm (1/2 in) 8-5-404 8 months interval | | | 8-5-320.4.2 | | | in closed position with cover, seal | 8-5-402.3 & | year at 4 to | Certification | |
| SIP Y Solid sampling or gauging wells: SIP P/twice per 8-5-320.4.3 Gap between well and roof shall be 8-5-402.3 & year at 4 to added to gaps measured ≤ 1.3 cm 8-5-404 8 months interval | | | | | | or lid ≤ 0.32 cm (1/8 in) | 8-5-404 | 8 months | | |
| SIP Y Solid sampling or gauging wells: SIP P/twice per 8-5-320.4.3 Gap between well and roof shall be 8-5-402.3 & year at 4 to added to gaps measured ≤ 1.3 cm 8-5-404 8 months interval | _ | | | | | | | interval | | |
| Gap between well and roof shall be 8-5-402.3 & year at 4 to added to gaps measured ≤ 1.3 cm 8-5-404 8 months interval | | РОС | SIP | Y | | Solid sampling or gauging wells: | SIP | P/twice per | Inspection | |
| 8-5-404 | | | 8-5-320.4.3 | | | Gap between well and roof shall be | 8-5-402.3 & | year at 4 to | Certification | • |
| | | | | | | added to gaps measured ≤ 1.3 cm | 8-5-404 | 8 months | | |
| | _ | | | | | (1/2 in) | | interval | | 1 |

Title V Semi-Annual Monitoring Verification Report for Period May 1, 2012 through October 31, 2012

Applicable Limits and Compliance Monitoring Requirements S33, S40 - STORAGE TANKS-INTERNAL FLOATING ROOF Table VII - F

| Type of Citation of FE Future Limit Requirement Perquency Requirement Proquency Clustion Lixion Requirement Proquency Provice per Inspection Linerval Limit Requirement Proquency Provice per Inspection Limit Requirement Proquency Provice per Inspection Limit Requirement Provice per Inspection Lonitinuous SIP Plovice per Inspection Limit Requirement Provice per Inspection Continuous S-402.2 & year at 4 to Certification S-402.4 & months Interval Interva | | | | | | 000, 040 - DIORAGE TANNO-INTERNAL PLOAT | E LAINNO-LIN | I EKNAL PL | OALING NOOF | |
|--|---|---------|-------------|-----|-----------|---|--------------|--------------|---------------|--|
| Limit V/N Effective Date Citation (P/C/N) SIP Y Slotted sampling or gauging wells: SIP P/twice per Inspection in closed position with cover, seal 8-5-402.2 & year at 4 to Certification or lid ≤ 1.3 cm (1/2 in) 8-5-402.2 & year at 4 to Certification added to gaps measured ≤ 1.3 cm (1/2 in) SIP Y Slotted sampling or gauging wells: SIP P/twice per Inspection Gap between well and roof shall be 8-5-402.2 & year at 4 to Certification added to gaps measured ≤ 1.3 cm 8-5-402.2 & year at 4 to Certification opening area SIP P/twice per Inspection opening area SIP P/twice per Inspection opening area SIP P/twice per Inspection in the primary seal fabric shoe or SIP P/twice per Inspection SIP SIP P/twice per Inspection in the primary seal fabric SIP P/twice per Inspection SIP SIP SIP P/twice per Inspection SIP | | Type of | Citation of | FE | Future | Limit | Monitoring | Monitoring | Monitoring | Compliance Status |
| SIP Y Slotted sampling or gauging wells: SIP Y Slotted sampling or gauging wells: SIP Y Slotted sampling or gauging wells: SIP SIP Y Slotted sampling or gauging wells: SIP SIP SIP Y Slotted sampling or gauging wells: SIP SIP Y Emergency roof drain with slotted SIP P/twice per Inspection membrane fabric cover ≥ 90% 8-5-402.2 & year at 4 to Certification opening area SIP Y No holes, tears or other openings SIP Y No holes, tears or other openings SIP Y Primary seal metallic shoe or SIP SIP SIP Y Primary seal metallic shoe externds SIP Y Primary seal metallic shoe externds SIP P/10 yr Certification minimum 61 cm (24 in) for SIP P/10 yr Inspection minerval SIP P/10 yr Certification minimum 61 cm (24 in) for sexternal floating and 18 in for external Floating Roof tank above liquid surface | _ | Limit | Limit | Y/N | Effective | | Requirement | Frequency | Type | "Continuous"; |
| SIP Y Slotted sampling or gauging wells 8.5-320.5.2 in closed position with cover, seal 8.5-402.2 & year at 4 to Certification or lid ≤ 1.3 cm (1/2 in) 8.5-40.4 8 months SIP Y Slotted sampling or gauging wells: SIP P/twice per Inspection added to gaps measured ≤ 1.3 cm 8.5-40.2 & year at 4 to Certification added to gaps measured ≤ 1.3 cm 8.5-40.4 8 months SIP Y Emergency roof drain with slotted (1/2 in) SIP P/twice per Inspection membrane fabric cover ≥ 90% 8.5-40.2 & year at 4 to Certification opening area S-40.2 & year at 4 to Certification opening area S-40.2 & year at 4 to Certification opening area SIP P/twice per Inspection in the primary seal fabric SIP P/twice per Inspection 8.5-321.2 SIP P/twice per Inspection 8.5-40.2 & year at 4 to Certification in the primary seal fabric 8.5-40.2 & year at 4 to Certification in the primary seal metallic shoe or SIP P/10 yr Inspection 8.5-40.2 & year at 4 to Certification interval sinterval sinterval sinterval seal metallic shoe extends SIP P/10 yr Inspection minimum 61 cm (24 in) for 8.5-40.1 P/10 yr Inspection external floating and 18 in for internal Floating Roof tank above internal floating seal metallic shoe extends sinterval internal floating internal floating and 18 in for internal floating seal metallic shoe extends sinterval internal floating internal floating and 18 in for internal floating internal f | | | | | Date | | Citation | (P/C/N) | | "Intermittent"; or "Not in Compliance" |
| 8.5-320.5.2 in closed position with cover, seal 8.5-402.2 & year at 4 to Certification or lid ≤ 1.3 cm (1/2 in) SIP SIP Y Slotted sampling or gauging wells: SIP SIP SIP Y Slotted sampling or gauging wells: SIP SIP SIP SIP Y Emergency roof drain with slotted open membrane fabric cover ≥ 90% 8.5-320.6 SIP SIP Y No holes, tears or other openings 8.5-402.2 & year at 4 to Certification opening area SIP SIP Y No holes, tears or other openings 8.5-402.2 & year at 4 to Certification opening area SIP SIP Y No holes, tears or other openings SIP SIP Y Primary seal metallic shoe or SIP B-5-402.2 & year at 4 to Certification opening area SIP SIP Y Primary seal metallic shoe or SIP B-5-402.2 & year at 4 to Certification opening area SIP SIP Y Primary seal metallic shoe or SIP B-5-402.2 & year at 4 to Certification opening area SIP SIP Y Primary seal metallic shoe or SIP B-7-402.2 & year at 4 to Certification opening area SIP SIP Y Primary seal metallic shoe or SIP B-7-404 SID P-7-10 yr Certification opening area SIP P-7-404 SID P-7-404 SID P-7-405 SID P-7-405 SID P-7-406 SID P-7-407 SID P-7-407 Certification opening area SIP P-7-408 SID P-7-409 Inspection opening area SIP P-7-409 P-7-409 Inspection opening area SIP SIP P-7-409 Inspection opening area SIP SIP P-7-409 Inspection opening area SIP P-7-409 Inspection opening area SIP SIP P-7-409 Inspection opening area SIP SIP SIP P-7-409 Inspection opening area SIP SIP SIP P-7-409 Inspection opening area SIP SIP SIP SIP SIP SIP SIP SI | | РОС | SIP | ۲ | | Slotted sampling or gauging wells | SIP | P/twice per | Inspection | Continuous |
| SIP Y Slotted sampling or gauging wells: SIP P/twice per Inspection added to gaps measured ≤ 1.3 cm (1/2 in) SIP Y Slotted sampling or gauging wells: SIP P/twice per Inspection added to gaps measured ≤ 1.3 cm 8-5-402.2 & year at 4 to Certification interval SIP Y Emergency roof drain with slotted SIP P/twice per Inspection pening area 8-5-402 & year at 4 to Certification opening area 8-5-402 & year at 4 to Certification pening area 8-5-402 & year at 4 to Certification in the primary seal fabric 8-5-402 & year at 4 to Certification in the primary seal fabric 8-5-402 & year at 4 to Certification in the primary seal metallic shoe or SIP P/twice per Inspection interval 8-5-402 & year at 4 to Certification interval interval interval interval interval seal metallic shoe or SIP P/10 yr Certification minimum 61 cm (24 in) for external floating and 18 in for internal Floating Roof tank above liquid surface support interval | | | 8-5-320.5.2 | | | in closed position with cover, seal | 8-5-402.2 & | year at 4 to | Certification | |
| SIP Y Slotted sampling or gauging wells: SIP P/twice per Inspection 8-5-320.5.3 Gap between well and roof shall be 8-5-402.2 & year at 4 to Certification added to gaps measured ≤ 1.3 cm 8-5-402.2 & year at 4 to Certification SIP Y Emergency roof drain with slotted 8IP P/twice per Inspection yopening area 8-5-402.2 & year at 4 to Certification opening area 8-5-402.2 & year at 4 to Certification opening area 8-5-402.2 & year at 4 to Certification opening area 8-5-402.2 & year at 4 to Certification in the primary seal fabric 8-5-402.2 & year at 4 to Certification in the primary seal fabric 8-5-402.2 & year at 4 to Certification in the primary seal metallic shoe or SIP P/twice per Inspection 8-5-402.2 & year at 4 to Certification in the primary seal metallic shoe or SIP P/10 yr Inspection 8-5-402.1 P/10 yr Certification external floating and 18 in for 8-5-404. P/10 yr Certification external Floating Roof tank above internal Floating surface | | | | | | or lid ≤ 1.3 cm $(1/2$ in) | 8-5-404 | 8 months | | |
| SIP Y Slotted sampling or gauging wells: SIP P/twice per Inspection 8-5-320.5.3 Gap between well and roof shall be 8-5-402.2 & year at 4 to Certification added to gaps measured ≤ 1.3 cm 8-5-402.2 & year at 4 to Certification SIP Y Emergency roof drain with slotted SIP P/twice per Inspection opening area SIP P/twice per Inspection opening area SIP P/twice per Inspection in the primary seal fabric SIP P/twice per Inspection sets of the primary seal fabric SIP P/twice per Inspection in the primary seal fabric SIP P/twice per Inspection in the primary seal fabric SIP P/twice per Inspection interval sets of the primary seal metallic shoe or SIP P/10 yr Certification setternal floating and 18 in for external floating Roof tank above internal Floating Roof tank above internal floating surface | | | | | | | | interval | : | |
| 8-5-320.5.3 Gap between well and roof shall be 8-5-402.2 & year at 4 to Certification added to gaps measured ≤ 1.3 cm | | POC | SIP | ۲ | | Slotted sampling or gauging wells: | SIP | P/twice per | Inspection | Continuous |
| added to gaps measured ≤ 1.3 cm SIP Y Emergency roof drain with slotted 8.5-320.6 SIP Y Roboles, tears or other openings 8.5-321.1 SIP SIP Y No holes, tears or other openings 8.5-321.1 SIP Y Primary seal metallic shoe or 8.5-321.2 SIP Y Primary seal metallic shoe extends 8.5-321.3 Primary seal metallic shoe extends minimum 61 cm (24 in) for external Floating Roof tank above liquid surface SIP Primary Seal metallic surface SIP Pring Pring SIP Pring Pring SIP Pring Pring SIP Pring Pring SIP Pring Pring SIP Pring Pring SIP Pring Pring SIP Pring Pring SIP Pring Pring SIP Pring Pring SIP Pring Pring SIP Pring Pring SIP Pring Pring SIP Pring Pring SIP Pring Pring SIP Pring Pring SIP Pring Pring SIP SIP SIP Pring SIP Pring SIP SIP SIP SIP Pring SIP Pring SIP Pring SIP SIP Pring SIP SIP SIP SIP SIP SIP SIP Pring SIP | | | 8-5-320.5.3 | | | Gap between well and roof shall be | | year at 4 to | Certification | |
| SIP Y Emergency roof drain with slotted SIP P/twice per Inspection membrane fabric cover ≥ 90% 8-5-402 & year at 4 to Certification opening area 8-5-404 8 months SIP Y No holes, tears or other openings SIP P/twice per Inspection in the primary seal fabric 8-5-402.2 & year at 4 to Certification in the primary seal fabric 8-5-402.2 & year at 4 to Certification 8-5-321.1 SIP Y Primary seal metallic shoe or Interval 8-5-402.1 P/10 yr Inspection 8-5-402.1 P/10 yr Inspection 8-5-404. P/10 yr Certification minimum 61 cm (24 in) for 8-5-404. P/10 yr Certification external floating and 18 in for 18-5-404 internal Floating Roof tank above internal Floating Roof tank above Internal Floating Soof tank above Internal Floating Soof tank above Interval interval interval Induid surface P/10 yr Certification P/ | | | | | | added to gaps measured ≤ 1.3 cm | 8-5-404 | 8 months | | |
| SIP Y Emergency roof drain with slotted SIP P/twice per Inspection membrane fabric cover ≥ 90% 8-5-402 & year at 4 to Certification opening area 8-5-402 & year at 4 to Certification opening area 8-5-402 & months interval sets or other openings 8-5-404 & months interval sets or other openings 8-5-402.2 & year at 4 to Certification 8-5-321.1 No holes, tears or other openings 8-5-402.2 & year at 4 to Certification 8-5-321.2 Primary seal metallic shoe or SIP P/10 yr Inspection interval sets or minimum 61 cm (24 in) for external Floating and 18 in for interval internal Floating Roof tank above liquid surface P/10 yr Certification SIP Primary seal metallic shoe extends SIP P/10 yr Certification SIP P/10 yr Certification SIP P/10 yr Certification SIP P/10 yr Certification External Floating Roof tank above SIP P/10 yr Certification | | | | | | (1/2 in) | | interval | | |
| 8-5-320.6 membrane fabric cover ≥ 90% 8-5-402 & year at 4 to Certification opening area SIP Y No holes, tears or other openings 8-5-404 8 months 8-5-321.1 SIP Y No holes, tears or other openings 8-5-402.2 & year at 4 to Certification in the primary seal fabric 8-5-402.2 & year at 4 to Certification 8-5-321.2 P/10 yr Inspection 9-5-402.1 P/10 yr Inspection 9-5-402.1 P/10 yr Certification 9-5-402.1 P/10 yr Certification 9-5-404 SIP P/10 yr Inspection 9-5-404 SIP P/10 yr Certification 9-5-404 SIP P/10 yr Inspection 9-5-404 SIP P/10 yr Certification 9-5-404 SIP P/10 yr Inspection 9-5-404 SIP P/10 yr Certification 9-5-404 SIP P/10 yr Inspection 9-5-404 SIP P/10 yr Certification 9-5-404 SIP P/10 yr Inspection 9-5-404 SIP P/10 yr Certification 9-5-404 SIP P/10 yr SIP P/10 yr Certification 9-5-404 SIP P/10 yr SIP P/ | | POC | SIP | Y | | Emergency roof drain with slotted | SIP | P/twice per | Inspection | Continuous |
| SIP Y No holes, tears or other openings 8-5-404 8 months interval 8-5-321.1 No holes, tears or other openings 8-5-402.2 & year at 4 to Certification 8-5-402.2 & year at 4 to Certification 9-402.1 P/10 yr Inspection 9-402.1 P/10 yr Certification 9-402.1 P/10 yr Certification 9-404 8-5-321.3 Primary seal metallic shoe external floating and 18 in for external Floating Roof tank above liquid surface 8-5-404 8 months interval 9-5-402.1 P/10 yr Certification 9-5-404 9-10 yr Certification 9-5-404 9-5- | | | 8-5-320.6 | | | membrane fabric cover ≥ 90% | 8-5-402 & | year at 4 to | Certification | |
| SIP Y No holes, tears or other openings 8-5-321.1 In the primary seal fabric 8-5-402.2 & year at 4 to Certification 8-5-321.2 Primary seal metallic shoe or 8-5-404 8 months 8-5-321.2 Primary seal metallic shoe or 8-5-402.1 Primary seal metallic shoe or SIP Primary seal metallic shoe extends SIP Primary Seal metallic shoe or SIP Primary Seal metallic shoe extends SIP | | | | | | opening area | 8-5-404 | 8 months | | |
| SIP Y No holes, tears or other openings SIP P/twice per Inspection 8-5-321.1 in the primary seal fabric 8-5-402.2 & year at 4 to Certification 8-5-321.2 P/10 yr Inspection 8-5-321.2 P/10 yr Inspection 8-5-321.3 P/10 yr Primary seal metallic shoe extends SIP P/10 yr Certification 9-5-321.3 P/10 yr Inspection 9-5-404. P/10 yr Inspection 9-5-321.3 P/10 yr Inspection 9-5-404. P/10 yr Inspection 9-5-321.3 P/10 yr Inspection 9-5-404. P/10 yr Certification 9-5-404. P/10 yr Certification 9-5-404. P/10 yr Certification 9-5-404 internal floating and 18 in for 8-5-404. | | | | | | | | interval | | |
| 8-5-321.1 in the primary seal fabric 8-5-402.2 & year at 4 to Certification SIP Y Primary seal metallic shoe or SIP P/10 yr Inspection 8-5-321.2 liquid mounted type 8-5-402.1 P/10 yr Certification SIP SIP Y Primary seal metallic shoe extends 8-5-404 SIP P/10 yr Inspection 8-5-321.3 minimum 61 cm (24 in) for external floating and 18 in for external floating Roof tank above liquid surface SIP SIP P/10 yr Certification 9-5-404 surface SIP P/10 yr Certification 9-5-404 surface SIP P/10 yr Certification 9-5-404 surface SIP SIP P/10 yr Certification 9-5-404 surface SIP | | РОС | SIP | Y | | No holes, tears or other openings | SIP | P/twice per | Inspection | Continuous |
| SIP Y Primary seal metallic shoe or SIP P/10 yr Inspection 8-5-321.2 liquid mounted type 8-5-402.1 P/10 yr Certification SIP Y Primary seal metallic shoe extends SIP P/10 yr Inspection SIP Y Primary seal metallic shoe extends SIP P/10 yr Inspection 8-5-404 P/10 yr Certification external floating and 18 in for external floating Roof tank above liquid surface | | | 8-5-321.1 | | | in the primary seal fabric | 8-5-402.2 & | year at 4 to | Certification | |
| SIP Y Primary seal metallic shoe or SIP P/10 yr Inspection 8-5-321.2 liquid mounted type 8-5-402.1 P/10 yr Certification SIP Y Primary seal metallic shoe extends SIP P/10 yr Inspection 8-5-321.3 minimum 61 cm (24 in) for 8-5-401, P/10 yr Certification external floating and 18 in for 8-5-404 internal Floating Roof tank above liquid surface | _ | | | | | | 8-5-404 | 8 months | | |
| SIP Y Primary seal metallic shoe or SIP P/10 yr Inspection 8-5-321.2 liquid mounted type 8-5-402.1 P/10 yr Certification SIP Y Primary seal metallic shoe extends SIP P/10 yr Inspection 8-5-321.3 minimum 61 cm (24 in) for 8-5-401, P/10 yr Certification external floating and 18 in for 8-5-404 internal Floating Roof tank above liquid surface | | | | | | *** | | interval | | |
| 8-5-321.2 liquid mounted type 8-5-402.1 P/10 yr Certification SIP Y Primary seal metallic shoe extends SIP P/10 yr Inspection 8-5-321.3 external floating and 18 in for external Floating Roof tank above liquid surface | | POC | SIP | Υ | | Primary seal metallic shoe or | SIP | P/10 yr | Inspection | |
| SIP Y Primary seal metallic shoe extends SIP P/10 yr Inspection 8-5-321.3 | | | 8-5-321.2 | | | liquid mounted type | 8-5-402.1 | P/10 yr | Certification | |
| SIP Y Primary seal metallic shoe extends SIP P/10 yr 8-5-321.3 minimum 61 cm (24 in) for 8-5-401, P/10 yr external floating and 18 in for 8-5-404 internal Floating Roof tank above liquid surface | | | | | | | 8-5-404 | | | |
| minimum 61 cm (24 in) for 8-5-401, P/10 yr external floating and 18 in for 8-5-404 internal Floating Roof tank above liquid surface | _ | POC | SIP | ~ | | Primary seal metallic shoe extends | SIP | P/10 yr | Inspection | |
| | | | 8-5-321.3 | | | minimum 61 cm (24 in) for | 8-5-401, | P/10 yr | Certification | |
| internal Floating Roof tank above | | | | | | external floating and 18 in for | 8-5-404 | | | |
| liquid surface | | | | | | internal Floating Roof tank above | | | | |
| | _ | | | | | liquid surface | | | | |

Title V Semi-Annual Monitoring Verification Report for Period May 1, 2012 through October 31, 2012

Table VII – F Applicable Limits and Compliance Monitoring Requirements \$33, \$40 - STORAGE TANKS-INTERNAL FLOATING ROOF

| | | | | 000, 040 - 01 ORAGE TANNOTINIEMNAL FLOAT | I MINING LIN | I ENNAL E L | CALL O AND OF | | |
|---------|-------------|-----|-----------|---|--------------|--------------|---------------|---|--|
| Type of | Citation of | Æ | Future | Limit | Monitoring | Monitoring | Monitoring | during Period: | Additional Information |
| Limit | Limit | N/A | Effective | | Requirement | Frequency | Туре | "Continuous"; | |
| | | | Date | | Citation | (P/C/N) | | "Intermittent"; or "Not in Compliance" | |
| POC | SIP | Y | | Gap between shoe and tank shell is | SIP | P/10 yr | Inspection | Continuous | |
| | 8-5-321.3.1 | | | no greater than 46 cm (18 in) | 8-5-401, | P/10 yr | Certification | - | |
| | | | | | 8-5-404 | | | 4-1-1-1-1-1-1-1-1-1-1-1-1-1-1-1-1-1-1-1 | |
| POC | SIP | Υ | | For welded tanks, gap between | SIP | P/10 yr | Inspection | Continuous | |
| | 8-5-321.3.2 | | | tank shell and the primary seal < | 8-5-401, | P/10 yr | Certification | | |
| | | | | 3.8 cm (1 1/2 in). No continuous | 8-5- 404 | | | | |
| | | | | gap > 0.32 cm ((1/8 in) shall) | | | | | |
| | | | | exceed 10% of circumference. | | | | | |
| | | | | The cumulative length of all seal | | | | | |
| | | | | gaps exceeding 1.3 cm (1/2 in) < | | | | | |
| | | | | 10% of circumference and the | | | | | |
| | | | | cumulative length of all seal gaps | | | | | |
| | | | | exceeding $0.32 \text{ cm} (1/8 \text{ in}) < 40\%$ | | | | | |
| | | | | of circumference | | | | | |
| POC | SIP | Υ | | No holes, tears, or other openings | SIP | P/twice per | Inspection | Continuous | |
| | 8-5-322.1 | | | | 8-5-402.2 & | year at 4 to | Certification | | |
| | | | | | 8-5-404 | 8 months | | | |
| | | | | | | interval | | *************************************** | 100000000000000000000000000000000000000 |
| POC | SIP | γ | | Secondary seal shall allow | SIP | P/10 yr | Inspection | Continuous | |
| | 8-5-322.2 | | | insertion up to 3.8 cm (1 ½ in) in | 8-5-402, & | P/10 yr | Certification | | |
| | | | | width | 8-5-404 | | | | 10.00.00.00.00.00.00.00.00.00.00.00.00.0 |
| POC | SIP | γ | | Gap between tank shell and the | SIP | P/10 yr | Inspection | Continuous | |
| _ | 8-5-322.3 | | | secondary seal shall not exceed 1.3 | 8-5-402, & | P/10 yr | Certification | | |
| | | | | cm (1/2 in) | 8-5-404 | | | | |

Title V Semi-Annual Monitoring Verification Report for Period May 1, 2012 through October 31, 2012

Table VII – F Applicable Limits and Compliance Monitoring Requirements \$33, \$40 - Storage Tanks-Internal Floating Roof

| | | keeping | | 60.116b(c) | | | | | Stored |
|------------------------|---------------------|----------------|-------------|--------------|---|-------------|----------|---------------|----------------|
| | Continuous | Record | P/D | 40 CFR | >0.5 psia | | Υ | | Liquid |
| | | keeping | | | | | | | |
| | | Record | | Ξ | | | | | |
| | | Inspection | or 10 yrs | 63.11092(e) | | | | 63.11087(a) | |
| | Continuous | Visual | P/E, 1 or 5 | 40 CFR | | 1/10/2011 | ۲ | 40 CFR | POC |
| | | keeping | | | | | | | |
| | | Record | | (3) | | | | | |
| | | Inspection | | 60.115b(a) | | | | 60.113b(a)(2) | |
| | Continuous | Visual | P/12 month | 40 CFR | | | Y | 40 CFR | РОС |
| | | keeping | | | | | | | |
| | | Record | | (2) | | | | | |
| | | Inspection | | 60.115b(a) | | | | 60.113b(a)(1) | |
| | Continuous | Visual | P/E | 40 CFR | | | | 40 CFR | POC |
| | | | | (1) | | | | | |
| | | | | 60.115b(a) | | | | 60.112b(a)(1) | |
| | Continuous | Initial Report | P/E | 40 CFR | | | Υ | 40 CFR | POC |
| | | | | | 10,000 ppm | | | | |
| | | | | 8-5-502 | control, POC concentration < | | | 8-5-328.1.2 | · - |
| | Continuous | Source Test | P/A | SIP | Tank ≥ 75 m ³ , Tank cleaning 90% | | Y | AIS | POC |
| | | | | | psia | | | | |
| | | | | | have liquid balancing with ≤ 0.5 | | | 8-5-328.1.1 | |
| | Continuous | None | z | None | Tank \geq 75 m ³ , tank cleaning shall | | ٧ | SIP | PÓC |
| | "Not in Compliance" | | (P/C/N) | Citation | | Date | | | |
| | "Continuous"; | , Jpc | Frequency | Negul chicat | | Filective | N.Y. | Fimic | Fimit |
| | during Period: | Type | Frequency | Pequirement | | E-ff-active | <u> </u> | - ! | |
| Additional Information | Compliance Status | Monitoring | Monitoring | Monitoring | Limit | Future | FΕ | Citation of | Type of |
| | | OATING KOOF | I EKNAL FL | L ANKS-IN | 555, 540 - STORAGE LANKS-INTERNAL PLOA | | | | |

age #42

Table VII – F

Applicable Limits and Compliance Monitoring Requirements

\$33, \$40 - Storage Tanks-Internal Floating Roof

| Type of Limit | Citation of Limit | FE | Future Effective | Limit Monitoring Monitoring Mo Requirement Frequency | Monitoring Requirement | Monitoring Frequency | Monitoring Type | Compliance Status during Period: "Continuous"; |
|------------------|----------------------|----|---------------------|---|---------------------------|-------------------------|-----------------|--|
| Limit | Limit | Ž | | | Requirement Citation | (P/C/N) | | Туре |
| True | | ~ | | | 40 CFR | P/D | | Record |
| vapor | | | | | 60.116b(c) | | | keeping |
| pressure | | | | | | | | |
| True | | γ | | >0.74 psia | 40 CFR | P/D | | Notify |
| vapor | | | | | 60.116b(d) | | | |
| pressure | | | | 1- | | | | |
| | BAAQMD | Y | | | | | | |
| | Regulation 8, | | | | | | | |
| | Rule 5 | | | | | | | |
| | (amended on | | | | | | | |
| | 10/18/06) | | | | | | | |

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Table VII – G

Applicable Limits and Compliance Monitoring Requirements

\$36 - Storage Tank-Internal Floating Roof

| | | | | 030 - 010KAC | TE LANK-INI | 030 - DIOKAGE LANK-INIEKNAL FLOALING I | NG NOOF | | |
|---------|-------------|-----|-----------|----------------------------------|-------------|--|---------------|---|---|
| Type of | Citation of | FE | Future | Limit | Monitoring | Monitoring | Monitoring | Compliance Status | Additional Information |
| Limit | Limit | Y/N | Effective | | Requirement | Frequency | Type | "Continuous"; | |
| | | | Date | | Citation | (P/C/N) | | "Intermittent"; or "Not in Compliance" | |
| POC | BAAQMD | z | | PVV set within 10% of max | BAAQMD | P/twice per year | Inspection | Continuous | |
| | 8-5-303.1 | | | pressure or 25.8 mmHg (0.5 | 8-5-403 & | at 4 to 8 months | Certification | | |
| | | | | psia) | 8-5-404 | interval | | | |
| POC | BAAQMD | Z | | Gasket cover ≤ 0.32 cm (1/8 | BAAQMD | P/twice per year | Inspection | Continuous | |
| | 8-320.3.1 | | | in) gap | 8-5-402.3 & | at 4 to 8 months | Certification | | |
| | | | | | 8-5-404 | interval | | | 100000000000000000000000000000000000000 |
| POC | BAAQMD | z | | Inaccessible opening no | BAAQMD | P/twice per year | Inspection | Continuous | |
| | 8-320.3.2 | | | visible gap | 8-5-402.3 & | at 4 to 8 months | Certification | | |
| | | | | | 8-5-404 | interval | | | |
| POC | BAAQMD | z | | Solid sampling or gauging | BAAQMD | P/twice per year | Inspection | Continuous | |
| | 8-5-320.4.2 | | | wells in closed position with | 8-5-402.3 & | at 4 to 8 months | Certification | | |
| | | | | cover, seal or lid ≤ 0.32 cm | 8-5-404 | interval | | | |
| | | | | (1/8 in) | | | | | |
| POC | BAAQMD | Z | | Solid sampling or gauging | BAAQMD | P/twice per year | Inspection | Continuous | |
| - | 8-5-320.4.3 | | | wells: Gap between well and | 8-5-402.3 & | at 4 to 8 months | Certification | | |
| | | | | roof shall be added to gaps | 8-5-404 | interval | | | |
| | | | | measured ≤ 1.3 cm (1/2 in) | | | | | |
| POC | BAAQMD | z | | Slotted sampling or gauging | BAAQMD | P/twice per year | Inspection | Continuous | |
| | 8-5-320.5.2 | | | wells in closed position with | 8-5-402.2 & | at 4 to 8 months | Certification | | |
| | | | | cover, seal or lid ≤ 1.3 cm | 8-5-404 | interval | | | |
| | | | | (1/2 in) | | | | | |

Table VII – G

Applicable Limits and Compliance Monitoring Requirements

\$36 - Storage Tank-Internal Floating Roof

| | | | | 030 - 010NAC | T ANATINI | 030 " OTORAGE TAINTINIENINAL L'EORITING E | NO NOOF | | |
|-------------|-------------|-----|-----------|--------------------------------|---|---|---------------|--|---|
| Type of | Citation of | FE | Future | Limit | Monitoring | Monitoring | Monitoring | Compliance Status | Additional Information |
| Limit | Limit | Y/N | Effective | | Requirement | Frequency | Type | "Continuous"; | |
| | | | Date | | Citation | (P/C/N) | | "Intermittent"; or "Not in Compliance" | |
| POC | BAAQMD | z | | Slotted sampling or gauging | BAAQMD | P/twice per year | Inspection | Continuous | |
| | 8-5-320.5.3 | | | wells: Gap between well and | 8-5-402.2 & | at 4 to 8 months | Certification | | |
| | | | | roof shall be added to gaps | 8-5-404 | interval | | | |
| | | | | measured ≤ 1.3 cm (1/2 in) | | | | | |
| POC | BAAQMD | z | | Emergency roof drain with | BAAQMD | P/twice per year | Inspection | Continuous | |
| | 8-5-320.6 | | | slotted membrane fabric cover | 8-5-402 & | at 4 to 8 months | Certification | | |
| | | | | ≥ 90% opening area | 8-5-404 | interval | | | |
| POC | BAAQMD | z | | No holes, tears or other | BAAQMD | P/twice per year | Inspection | Continuous | |
| | 8-5-321.1 | | | openings in the primary seal | 8-5-402.2 & | at 4 to 8 months | Certification | | |
| | | | | fabric | 8-5-404 | interval | | | |
| POC | BAAQMD | z | | Primary seal metallic shoe or | BAAQMD | Р/10 уг | Inspection | Continuous | |
| | 8-5-321.2 | | | liquid mounted type | 8-5-402.1 | P/10 yr | Certification | | |
| | | | | | 8-5-404 | | | | 1.0000000000000000000000000000000000000 |
| Certificati | BAAQMD | | | Submit report within 60 days | BAAQMD | | Submittal | Continuous | |
| on | 8-5-404 | | | of inspection or source test | 8-5-404 | | | | |
| POC | BAAQMD | z | | Primary seal metallic shoe | BAAQMD | Р/10 уг | Inspection | Continuous | |
| | 8-5-321.3 | | | extends minimum 61 cm (24 | 8-5-401, | P/10 yr | Certification | | |
| • | | | | in) for external floating and | 8-5-404 | | | | |
| | | | | 18 in for internal Floating | | | | | |
| | | | | Roof tank above liquid | | | | | |
| | | | | surface | *************************************** | | | | |
| POC | BAAQMD | z | | Gap between shoe and tank | BAAQMD | P/10 yr | Inspection | Continuous | |
| | 8-5-321.3.1 | | | shell is no greater than 46 cm | 8-5-401, | P/10 yr | Certification | | |
| | | | | (18 in) | 8-5-404 | | | | |

Table VII – G

Applicable Limits and Compliance Monitoring Requirements

\$36 - Storage Tank-Internal Floating Roof

| | | | | 8-5-404 | exceed 1.3 cm (1/2 in) | | | | |
|------------------------|--|---------------|------------------|-----------------|---|-----------|-----|-------------|---------|
| | | Certification | Р/10 уг | 8-5-402, & | the secondary seal shall not | | | 8-5-322.3 | |
| | Continuous | Inspection | P/10 yr | BAAQMD | Gap between tank shell and | , | z | BAAQMD | POC |
| | | | | 8-5-404 | in width | | | | |
| | | Certification | . P/10 yr | 8-5-402, & | insertion up to 3.8 cm (1 1/2 in) | | | 8-5-322.2 | |
| | Continuous | Inspection | P/10 yr | BAAQMD | Secondary seal shall allow | | z | BAAQMD | POC |
| | | | interval | 8-5-404 | | | | | |
| | | Certification | at 4 to 8 months | 8-5-402.2 & | openings | | | 8-5-322.1 | |
| | Continuous | Inspection | P/twice per year | BAAQM | No holes, tears, or other | | z | BAAQMD | POC |
| | | | | | circumference | | | | |
| | | | | | cm (1/8 in) < 40% of | | | | |
| | | | | | all seal gaps exceeding 0.32 | | | | |
| | | | | | and the cumulative length of | | | | |
| | | | | | in) < 10% of circumference | | | | |
| | | | | | gaps exceeding 1.3 cm (1/2 | | | | |
| | | | | | cumulative length of all seal | | | | |
| | | | | | 10% of circumference. The | | | | |
| | | | | | 0.32 cm ((1/8 in) shall exceed | | | | |
| | | | | | in). No continuous gap > | | | | |
| | | | | 8-5-404 | primary seal < 3.8 cm (1 1/2 | | | | |
| | | Certification | Р/10 уг | 8-5-401, | between tank shell and the | | | 8-5-321.3.2 | |
| - | Continuous | Inspection | P/10 yr | BAAQMD | For welded tanks, gap | | Z | BAAQMD | POC |
| | "Intermittent"; or "Not in Compliance" | | (P/C/N) | Citation | | Date | | | |
| | "Continuous"; | Type | Frequency | Requirement | | Effective | Y/N | Limit | Limit |
| Additional Information | Compliance Status during Period: | Monitoring | Monitoring | Monitoring | Limit | Future | EE | Citation of | Type of |
| | : | | | SE A CHINA ALVA | 000000000000000000000000000000000000000 | T | | | |

Table VII – G

Applicable Limits and Compliance Monitoring Requirements

\$36 - Storage Tank-Internal Floating Roof

| Limit V/N Effective Date Date Citation P/C/N | | Type of | Citation of | E | Future | Limit | Monitoring | Monitoring | Monitoring | 26. E. |
|---|---------------|---------|-------------|----------|-----------|---------------------------------|-------------|------------------|---------------|--|
| BAAQMD N Tank ≥ 75 m³, Tank cleaning BAAQMD P/A | | Limit | Limit | Ϋ́N | Effective | | Requirement | Frequency | Туре | "Continuous"; |
| BAAQMD N Tank ≥ 75 m³, Tank cleaning BAAQMD P/A Source Test 8-5-328.1.1 90% control, POC 8-5-502 8-5-502 1 Source Test SIP Y PVV set within 10% of max SIP P/twice per year Inspection 8-5-303.1 Pressure or 25.8 mmHg (0.5 8-5-403 & at 4 to 8 months Certification SIP Y Gasket cover ≤ 0.32 cm (1/8 s.5-402 & at 4 to 8 months SIP P/twice per year Inspection SIP Y Gasket cover ≤ 0.32 cm (1/8 s.5-402.3 & at 4 to 8 months SIP P/twice per year Inspection 8-320.3.1 Inaccessible opening no visible gap 8-5-402.3 & at 4 to 8 months Certification 8-320.3.2 Y Solid sampling or gauging 8-5-402.3 & at 4 to 8 months Certification interval 8-5-320.4.2 Y Solid sampling or gauging 8-5-402.3 & at 4 to 8 months Certification interval 8-5-320.4.3 Y Solid sampling or gauging 8-5-402.3 & at 4 to 8 months Certification interval 8-5-320.4.3 Y Solid sampling or gauging 8-5-402.3 & at 4 to 8 months | | | | | Date | | Citation | (P/C/N) | | "Intermittent"; or "Not in Compliance" |
| SIP | | РОС | BAAQMD | z | | Tank ≥ 75 m³, Tank cleaning | BAAQMD | P/A | Source Test | Continuous |
| SIP Y PVV set within 10% of max SIP P/twice per year Inspection | | | 8-5-328.1.1 | | | 90% control, POC | 8-5-502 | | | |
| SIP Y PVV set within 10% of max SIP P/twice per year Inspection 8-5-303.1 pressure or 25.8 mmHg (0.5 8-5-403 & at 4 to 8 months certification Certification SIP Y Gasket cover ≤ 0.32 cm (1/8 SIP P/twice per year Inspection SIP Y Inaccessible opening no SIP P/twice per year Inspection SIP Y Inaccessible opening no SIP P/twice per year Inspection SIP Y Solid sampling or gauging SIP P/twice per year Inspection 8-5-320.4.2 V Solid sampling or gauging SIP P/twice per year Inspection SIP Y Solid sampling or gauging 8-5-402.3 & at 4 to 8 months Certification SIP Y Solid sampling or gauging 8-5-402.3 & at 4 to 8 months Certification SIP Y Solid sampling or gauging 8-5-402.3 & at 4 to 8 months Certification SIP P/twice per year Inspection 8-5-402.3 & at 4 to 8 months Certification | | | | | | concentration < 10,000 ppm | | | | |
| 8-5-303.1 pressure or 25.8 mmHg (0.5 8-5-403 & at 4 to 8 months Certification psia) 8-5-404 interval Inspection 8-5-303.1 Y Gasket cover ≤ 0.32 cm (1/8 SIP P/twice per year Inspection 8-5-320.3.1 Y Inaccessible opening no SIP P/twice per year Inspection 8-5-320.3.2 Y Inaccessible gap 8-5-402.3 & at 4 to 8 months Certification SIP Y Solid sampling or gauging SIP P/twice per year Inspection 8-5-320.4.2 SIP Y Solid sampling or gauging SIP P/twice per year Inspection SIP SIP P/twice per year Inspection SIP SIP P/twice per year Inspection SIP | _ | РОС | SIP | ~ | | PVV set within 10% of max | SIP | P/twice per year | Inspection | Continuous |
| SIP Y Gasket cover ≤ 0.32 cm (1/8 s.320.3.1 SIP by a cover ≤ 0.32 cm (1/8 s.320.3.2 V certification in pap 8-5-402.3 & at 4 to 8 months interval Physice per year linspection interval Inspection interval SIP Y Inaccessible opening no s.320.3.2 SIP privice per year Physice per year Inspection interval SIP Y Solid sampling or gauging s.320.3.2 SIP privice per year Physice per year Inspection interval 8-5-320.4.2 Y Solid sampling or gauging cover, seal or lid ≤ 0.32 cm 8-5-402.3 & at 4 to 8 months interval Certification interval 8-5-320.4.3 Y Solid sampling or gauging cover, seal or lid ≤ 1.3 cm (1/2 in) SIP privice per year Inspection interval 8-5-320.4.3 Y Solid sampling or gauging measured ≤ 1.3 cm (1/2 in) SIP privice per year Inspection interval 8-5-320.4.3 Y Solid sampling or gauging measured ≤ 1.3 cm (1/2 in) 8-5-402.3 & at 4 to 8 months certification interval Inspection interval 8-5-320.5.2 Y Solid sampling or gauging measured ≤ 1.3 cm (1/2 in) 8-5-402.3 & at 4 to 8 months certification interval Inspection interval 8-5-320.5.2 Y Solid sampling or gaug | | | 8-5-303.1 | | | pressure or 25.8 mmHg (0.5 | 8-5-403 & | at 4 to 8 months | Certification | |
| SIP Y Gasket cover≤ 0.32 cm (1/8 s-320.31) SIP P/twice per year Inspection 8-320.3.1 at 4 to 8 months Certification SIP Y Inaccessible opening no sible gap SIP P/twice per year Inspection SIP Y Inaccessible opening no visible gap 8-5-402.3 & at 4 to 8 months Certification SIP Y Solid sampling or gauging wells in closed position with cover, seal or lid ≤ 0.32 cm 8-5-402.3 & at 4 to 8 months Certification SIP Y Solid sampling or gauging cover, seal or lid ≤ 0.32 cm 8-5-402.3 & at 4 to 8 months Certification SIP Y Solid sampling or gauging cover, seal or lid ≤ 0.32 cm SIP P/twice per year Inspection 8-5-320.4.3 Y Solid sampling or gauging cover, seal or lid ≤ 1.3 cm (1/2 in) SIP P/twice per year Inspection 8-5-320.4.3 Y Solid sampling or gauging cover, seal or lid ≤ 1.3 cm (1/2 in) 8-5-402.3 & at 4 to 8 months Certification SIP Y Slotted sampling or gauging cover, seal or lid ≤ 1.3 cm (1/2 in) 8-5-402.3 & at 4 to 8 months Certification B | | | | | | psia) | 8-5-404 | interval | | |
| 8-320.3.1 in) gap 8-320.3.2 in) gap 8-5-402.3 & at 4 to 8 months 8-5-40.3 & interval 8-5-40.3 & at 4 to 8 months 8-5-40.3 & at 4 to 8 months 8-5-40.3.2 interval 8-5-40.3 & at 4 to 8 months 8-5-40.3 & at 4 to 8 months 8-5-40.3 & at 4 to 8 months 8-5-402.3 & at 4 to 8 months 8-5-320.4.2 interval 8-5-320.4.2 interval 8-5-320.4.2 interval 8-5-320.4.3 interval 8-5-320.4.3 interval 8-5-320.4.3 interval 8-5-320.4.3 interval 8-5-320.4.3 interval 8-5-320.4.3 interval 8-5-320.5.2 interval 8-5-402.3 & at 4 to 8 months Certification 8-5-402.3 & at 4 to 8 months Certification 1 | | POC | SIP | Υ | | Gasket cover ≤ 0.32 cm (1/8 | SIP | P/twice per year | Inspection | Continuous |
| SIP Y Inaccessible opening no 8-5-404 interval Inspection 8-320.3.2 Y Inaccessible opening no SIP P/twice per year Inspection 8-320.3.2 Y Solid sampling or gauging 8-5-402.3 & at 4 to 8 months Certification 8-5-320.4.2 Y Solid sampling or gauging 8-5-402.3 & at 4 to 8 months Certification SIP Y Solid sampling or gauging SIP P/twice per year Inspection 8-5-320.4.3 Y Solid sampling or gauging SIP P/twice per year Inspection 8-5-320.4.3 Wells: Gap between well and roof shall be added to gaps 8-5-402.3 & at 4 to 8 months Certification SIP Y Slotted sampling or gauging 8-5-402.3 & at 4 to 8 months Certification 8-5-320.5.2 Y Slotted sampling or gauging 8-5-402.3 & at 4 to 8 months Certification 8-5-320.5.2 Y Slotted sampling or gauging 8-5-402.2 & at 4 to 8 months Certification 8-5-320.5.2 Wells in closed position with 8-5-402.2 & at 4 to 8 months Certification </td <td></td> <td></td> <td>8-320.3.1</td> <td></td> <td></td> <td>in) gap</td> <td>8-5-402.3 &</td> <td>at 4 to 8 months</td> <td>Certification</td> <td></td> | | | 8-320.3.1 | | | in) gap | 8-5-402.3 & | at 4 to 8 months | Certification | |
| SIPYInaccessible opening noSIPP/twice per yearInspection8-320.3.2visible gap8-5-402.3 & at 4 to 8 monthsCertificationSIPYSolid sampling or gaugingSIPP/twice per yearInspection8-5-320.4.2vells in closed position with8-5-402.3 & at 4 to 8 monthsCertificationSIPYSolid sampling or gauging8-5-404at 4 to 8 monthsCertification8-5-320.4.3YSolid sampling or gaugingSIPP/twice per yearInspection8-5-320.4.3wells: Gap between well and roof shall be added to gaps8-5-402.3 & at 4 to 8 monthsCertificationSIPYSlotted sampling or gauging measured ≤ 1.3 cm (1/2 in)SIPP/twice per yearInspectionSIPYSlotted sampling or gauging wells in closed position with cover, seal or lid ≤ 1.3 cm (1/2 in)SIPP/twice per yearInspection8-5-320.5.2Wells in closed position with cover, seal or lid ≤ 1.3 cm (1/2 in)8-5-402.2 & at 4 to 8 monthsCertification | | | | | | | 8-5-404 | interval | | |
| 8-320.3.2 visible gap 8-5-402.3 & at 4 to 8 months SIP | | РОС | SIP | γ | | Inaccessible opening no | SIP | P/twice per year | Inspection | Continuous |
| SIP Y Solid sampling or gauging SIP P/twice per year Inspection 8-5-320.4.2 wells in closed position with 8-5-402.3 & at 4 to 8 months Certification SIP Y Solid sampling or gauging SIP P/twice per year Inspection 8-5-320.4.3 Y Solid sampling or gauging SIP P/twice per year Inspection 8-5-320.4.3 wells: Gap between well and roof shall be added to gaps 8-5-402.3 & at 4 to 8 months Certification SIP Y Slotted sampling or gauging measured ≤ 1.3 cm (1/2 in) 8-5-402.2 & at 4 to 8 months Certification 8-5-320.5.2 Y Slotted sampling or gauging wells in closed position with wells in closed position with cover, seal or lid ≤ 1.3 cm 8-5-402.2 & at 4 to 8 months Certification 8-5-320.5.2 wells in closed position with cover, seal or lid ≤ 1.3 cm 8-5-404 interval Certification | | | 8-320.3.2 | | | visible gap | 8-5-402.3 & | at 4 to 8 months | Certification | |
| SIP Y Solid sampling or gauging 8-5-320.4.2 wells in closed position with 8-5-402.3 & at 4 to 8 months Certification (1/8 in) SIP Y Solid sampling or gauging 8-5-402.3 & at 4 to 8 months Certification (1/8 in) SIP Y Solid sampling or gauging 8-5-404 interval Inspection wells: Gap between well and roof shall be added to gaps 8-5-404 interval measured ≤ 1.3 cm (1/2 in) SIP Y Slotted sampling or gauging SIP P/twice per year Inspection measured ≤ 1.3 cm (1/2 in) SIP Y Slotted sampling or gauging SIP P/twice per year Inspection wells in closed position with 8-5-402.2 & at 4 to 8 months Certification cover, seal or lid ≤ 1.3 cm 8-5-404 interval Inspection with 8-5-402.2 & at 4 to 8 months Certification should should be added to gaps at 4 to 8 months Certification with 8-5-402.2 & at 4 to 8 months Certification should should be added to gaps at 4 to 8 months Certification should should be added to gaps at 4 to 8 months Certification should should be added to gaps at 4 to 8 months Certification should should be added to gaps at 4 to 8 months Certification should should be added to gaps at 4 to 8 months Certification should should be added to gaps at 4 to 8 months certification should should be added to gaps at 4 to 8 months certification should should be added to gaps at 4 to 8 months certification should should be added to gaps at 4 to 8 months certification should should be added to gaps at 4 to 8 months certification should should be added to gaps at 4 to 8 months certification should should be added to gaps at 4 to 8 months certification should should be added to gaps at 4 to 8 months certification should should be added to gaps at 4 to 8 months certification should should be added to gaps at 4 to 8 months certification should should be added to gaps at 4 to 8 months certification should should be added to gaps at 4 to 8 months certification should should be added to gaps at 4 to 8 months certification should should be added to gaps at 4 to 8 months certification should should be added to gaps at 4 to 8 months | | | | | | | 8-5-404 | interval | | 1110000000 |
| 8-5-320.4.2wells in closed position with cover, seal or lid ≤ 0.32 cm8-5-402.3 & at 4 to 8 monthsCertificationSIPYSolid sampling or gauging wells: Gap between well and roof shall be added to gapsSIPP/twice per yearInspectionSIPYSlotted sampling or gauging measured ≤ 1.3 cm (1/2 in)8-5-402.3 & at 4 to 8 monthsCertificationSIPYSlotted sampling or gauging | | POC | SIP | Y | | Solid sampling or gauging | SIP | P/twice per year | Inspection | Continuous |
| SIP Y Solid sampling or gauging SIP P/twice per year Inspection measured ≤ 1.3 cm (1/2 in) SIP Y Solid sampling or gauging SIP P/twice per year Inspection wells: Gap between well and roof shall be added to gaps 8-5-402.3 & at 4 to 8 months Certification measured ≤ 1.3 cm (1/2 in) SIP Y Slotted sampling or gauging SIP P/twice per year Inspection wells in closed position with 8-5-402.2 & at 4 to 8 months Certification interval at 4 to 8 months Certification wells in closed position with 8-5-404 interval cover, seal or lid ≤ 1.3 cm (1/2 in) | | | 8-5-320.4.2 | | | wells in closed position with | 8-5-402.3 & | at 4 to 8 months | Certification | |
| SIP Y Solid sampling or gauging SIP P/twice per year Inspection 8-5-320.4.3 wells: Gap between well and roof shall be added to gaps 8-5-402.3 & at 4 to 8 months Certification measured ≤ 1.3 cm (1/2 in) SIP Y Slotted sampling or gauging SIP P/twice per year Inspection wells in closed position with 8-5-402.2 & at 4 to 8 months Certification interval 8-5-320.5.2 wells in closed position with 8-5-402.2 & at 4 to 8 months Certification (1/2 in) | | | • | | | cover, seal or lid ≤ 0.32 cm | 8-5-404 | interval | | |
| SIP Y Solid sampling or gauging SIP P/twice per year Inspection 8-5-320.4.3 wells: Gap between well and roof shall be added to gaps S-402.3 & at 4 to 8 months Certification roof shall be added to gaps S-404 interval measured \(\leq 1.3 \) cm (1/2 in) SIP Y Slotted sampling or gauging SIP P/twice per year Inspection wells in closed position with 8-5-402.2 & at 4 to 8 months Certification cover, seal or lid \(\leq 1.3 \) cm 8-5-404 interval | $\overline{}$ | | | | | (1/8 in) | | | | |
| 8-5-320.4.3 wells: Gap between well and something or gauging SIP SIP Y Slotted sampling or gauging wells in closed position with sampling or lid ≤ 1.3 cm (1/2 in) 8-5-320.5.2 wells in closed position with cover, seal or lid ≤ 1.3 cm (1/2 in) (1/2 in) 8-5-402.3 & at 4 to 8 months Certification with something or gauging and self-self-self-self-self-self-self-self- | | РОС | SIP | Υ | | Solid sampling or gauging | SIP | P/twice per year | Inspection | Continuous |
| roof shall be added to gaps SIP Y Slotted sampling or gauging SIP P/twice per year Inspection | | | 8-5-320.4.3 | | | wells: Gap between well and | 8-5-402.3 & | at 4 to 8 months | Certification | |
| $ \begin{array}{c ccccccccccccccccccccccccccccccccccc$ | | | | | | roof shall be added to gaps | 8-5-404 | interval | | |
| SIP Y Slotted sampling or gauging SIP P/twice per year Inspection 8-5-320.5.2 wells in closed position with 8-5-402.2 & at 4 to 8 months Certification cover, seal or lid ≤ 1.3 cm 8-5-404 interval (1/2 in) | 7 | | | | | measured ≤ 1.3 cm (1/2 in) | | | | |
| wells in closed position with $8-5-402.2 \&$ at 4 to 8 months cover, seal or lid $\leq 1.3 cm$ $8-5-404$ interval $(1/2 in)$ | _ | POC | SIP | ~ | | Slotted sampling or gauging | SIP | P/twice per year | Inspection | Continuous |
| 8-5-404 | | | 8-5-320.5.2 | | | wells in closed position with | 8-5-402.2 & | at 4 to 8 months | Certification | |
| (1/2 in) | | | | | | cover, seal or lid ≤ 1.3 cm | 8-5-404 | interval | | |
| | | | | | | (1/2 in) | | | | |

Applicable Limits and Compliance Monitoring Requirements S36 - STORAGE TANK-INTERNAL FLOATING ROOF Table VII – G

| | | | | | | 1 | | | | |
|---|---------|-------------|-----|-----------|-----------------------------------|-------------|------------------|---------------|--|------------------------|
| | Type of | Citation of | FE | Future | Limit | Monitoring | Monitoring | Monitoring | Compliance Status | Additional Information |
| | Limit | Limit | Y/N | Effective | | Requirement | Frequency | Туре | "Continuous"; | |
| | | | | Date | | Citation | (P/C/N) | | "Intermittent"; or "Not in Compliance" | |
| | POC | SIP | γ | | Slotted sampling or gauging | SIP | P/twice per year | Inspection | Continuous | |
| | | 8-5-320.5.3 | | | wells: Gap between well and | 8-5-402.2 & | at 4 to 8 months | Certification | | |
| | | | | | roof shall be added to gaps | 8-5-404 | interval | | | |
| | | | | | measured ≤ 1.3 cm $(1/2 in)$ | | | | | |
| | POC | SIP | Υ | | Emergency roof drain with | SIP | P/twice per year | Inspection | Continuous | |
| | | 8-5-320.6 | | | slotted membrane fabric cover | 8-5-402 & | at 4 to 8 months | Certification | | |
| | | | | | ≥ 90% opening area | 8-5-404 | interval | | | |
| | POC | SIP | Y | | No holes, tears or other | SIP | P/twice per year | Inspection | Continuous | |
| | | 8-5-321.1 | | | openings in the primary seal | 8-5-402.2 & | at 4 to 8 months | Certification | | |
| | | | | | fabric | 8-5-404 | interval | | | |
| | POC | SIP | Υ | | Primary seal metallic shoe or | SIP | P/10 yr | Inspection | Continuous | |
| | | 8-5-321.2 | | | liquid mounted type | 8-5-402.1 | Р/10 ут | Certification | | |
| | | | | | | 8-5-404 | | | | |
| | POC | SIP | Υ | | Primary seal metallic shoe | SIP | Р/10 ут | Inspection | Continuous | |
| | | 8-5-321.3 | | · | extends minimum 61 cm (24 | 8-5-401, | P/10 yr | Certification | | |
| | | | | | in) for external floating and | 8-5-404 | | | | |
| | | | | | 18 in for internal Floating | | | | | |
| | | | | | Roof tank above liquid | | | | | |
| | | | | | surface | | | | | |
| | РОС | SIP | ~ | | Gap between shoe and tank | SIP | P/10 yr | Inspection | Continuous | |
| | | 8-5-321.3.1 | | | shell is no greater than 46 cm | 8-5-401, | P/10 yr | Certification | | |
| | | | | | (18 in) | 8-5-404 | | | | |
| _ | | | | | | | | | | |

Applicable Limits and Compliance Monitoring Requirements S36 - STORAGE TANK-INTERNAL FLOATING ROOF Table VII - G

| | - | POC | | | РОС | | | РОС | | | | | | | | | | | | | РОС | | - | Limit | Type of |
|------------------------|------------------------------|----------------------------|----------|-----------------------------------|----------------------------|----------|------------------|---------------------------|---------------|----------------------|------------------------------|------------------------------|----------------------------|----------------------------|-------------------------------|---------------------------|--------------------------------|--------------------------|------------------------------|----------------------------|-----------------------|---------------------|-------------|---------------|------------------------|
| | 8-5-322.3 | AIS | | 8-5-322.2 | SIP | | 8-5-322.1 | SIP | | | | | | | | | | | | 8-5-321.3.2 | SIP | | | Limit | Citation of |
| | | Υ | | | ~ | | | Y | | | | | | | | | _ | | | | ~ | | | YZ. | FE |
| | | | | | | | | | | | | | | | | | | | | | | Date | 1 | Effective | Future |
| exceed 1.3 cm (1/2 in) | the secondary seal shall not | Gap between tank shell and | in width | insertion up to 3.8 cm (1 1/2 in) | Secondary seal shall allow | | openings | No holes, tears, or other | circumference | cm (1/8 in) < 40% of | all seal gaps exceeding 0.32 | and the cumulative length of | in) < 10% of circumference | gaps exceeding 1.3 cm (1/2 | cumulative length of all seal | 10% of circumference. The | 0.32 cm ((1/8 in) shall exceed | in). No continuous gap > | primary seal < 3.8 cm (1 1/2 | between tank shell and the | For welded tanks, gap | | | | Limit |
| 8-5-404 | 8-5-402, & | SIP | 8-5-404 | 8-5-402, & | SIP | 8-5-404 | 8-5-402.2 & | SIP | | | | | | | | | | | 8-5-404 | 8-5-401, | SIP | Citation |) - | Requirement | Monitoring |
| | Р/10 ут | P/10 yr | | Р/10 ут | Р/10 ут | interval | at 4 to 8 months | P/twice per year | | | | | | | | | | | | P/10 yr | P/10 yr | (P/C/N) | | Frequency | Monitoring |
| | Certification | Inspection | | Certification | Inspection | | Certification | Inspection | | | | | | | | | | | | Certification | Inspection | | ì | Type | Monitoring |
| | | Continuous | | | Continuous | | • | Continuous | | | | | | | | | | | | | Continuous | "Not in Compliance" | Continuous, | "Continuous". | Compliance Status |
| | | | | | | | | | | | | | | | | | | | | | | | | | Additional Information |

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Table VII – G

Applicable Limits and Compliance Monitoring Requirements

\$36 - Storage Tank-Internal Floating Roof

| Type of Limit Cliation of Limit FE Limit Future Limit Limit Limit V/N Effective Effective Effective Limit Limit Monitoring Limit V/N Monitoring Enrich Educion (pr/CN) Monitoring Compliance Status (compliance Status (compliance) Additional Information (pr/CN) Compliance Status (compliance) Additional Information (pr/CN) Compliance Status (compliance) Additional Information (pr/CN) Continuous Continuous Continuous Additional Information (pr/CN) Type (price) Continuous Additional Information (pr/CN) Type (price) Continuous Additional Information (pr/CN) Monitoring Price Monitoring Price Monitoring Price Continuous (price) Continuous Additional Information (pr/CN) None | | | | | 000 01010101 | | | | | |
|--|----------|-------------|-----|-----------|--|-------------|-------------------|-------------|--|------------------|
| Limit V/N Effective Date Requirement Citation Frequency Citation Type SIP Y Tank ≥ 75 m³, tank cleaning shall have liquid balancing with ≤ 0.5 psia None N None SIP Y Tank ≥ 75 m³, tank cleaning 90% control, POC concentration < 10,000 ppm SIP P/A Source Test 40 CFR Y 1/10/2011 40 CFR P/E, 1 or 5 or 10 Visual Record 63.11087(a) Y 1/10/2011 40 CFR P/E, 1 or 5 or 10 Visual Record 63.11087(a) Y 1/10/2011 40 CFR P/B, 1 or 5 or 10 Visual Record 63.11087(a) Y 1/10/2011 40 CFR P/B, 1 or 5 or 10 Record Record 40 CFR P/B, 1 or 5 or 10 Record Record BAAQMD Y >1.0 psia 40 CFR P/D Record BAAQMD Y >1.0 psia 60.115(c) P/D Record (amended on 10/18/06) Y >1.0 psia 60.115(c) Record Record | Type of | Citation of | FE | Future | Limit | Monitoring | Monitoring | Monitoring | Compliance Status | Additional Infor |
| SIP Y Tank ≥ 75 m³, tank cleaning None None None None SIP SIP Y Tank ≥ 75 m³, tank cleaning SIP P/A Source Test | Limit | Limit | Y/N | Effective | | Requirement | Frequency | Type | "Continuous"; | |
| SIP Y Tank ≥ 75 m³, tank cleaning shall have liquid balancing with ≤ 0.5 psia None N None 8-5-328.1.2 Y Tank ≥ 75 m³, Tank cleaning 90% control, POC 90% control, POC concentration < 10,000 ppm 8-5-502 8-5-502 Visual 63.11092(e) Yrs Inspection Record (0.115(a) 63.11087(a). Y I/10/2011 40 CFR P/E, 1 or 5 or 10 Visual 63.11092(e) yrs Inspection Record (0.115(a) 63.11087(a). Y I/10/2011 40 CFR P/D Record (0.115(a) 63.11087(a). Y >1.0 psia 60.115(b) Record (0.115(a) Recepting (0.115(a) 63.11087(a). Y >1.0 psia 60.115(c) P/D Record (0.115(a) 63.11087(a). Y >1.0 psia 60.115(c) Recepting (0.115(a) Recepting (0.115 | | | | Date | | Citation | (P/C/N) | | "Intermittent"; or "Not in Compliance" | |
| S-328.1.1 Shall have liquid balancing with \$\int 0.5 \text{ psia} with \$\int 0.5 \text{ psia} SIP P/A Source Test | POC | SIP | ۲ | | Tank ≥ 75 m ³ , tank cleaning | None | z | None | Continuous | |
| SIP Y Tank ≥ 75 m³, Tank cleaning SIP P/A Source Test | | 8-5-328.1.1 | | | shall have liquid balancing | | | | | |
| SIP Y Tank ≥ 75 m³, Tank cleaning SIP P/A Source Test 8-5-328.1.2 90% control, POC 8-5-502 8-5-502 Wisual Visual 40 CFR Y 1/10/2011 40 CFR P/E, 1 or 5 or 10 Visual 63.11087(a). Y 63.11092(e) yrs Inspection (1) 40 CFR P/D Record keeping 40 CFR P/D Record keeping 60.115(a) keeping keeping BAAQMD Y >1.0 psia 40 CFR P/D Record Regulation (10/1800) Y >1.0 psia 60.115(c) P/D keeping | | | | | with ≤ 0.5 psia | | | | | |
| 8-5-328.1.2 90% control, POC 8-5-502 | POC | SIP | Υ | | Tank ≥ 75 m³, Tank cleaning | SIP | P/A | Source Test | Continuous | |
| Concentration < 10,000 ppm High Conc | | 8-5-328.1.2 | | | 90% control, POC | 8-5-502 | | | | |
| 40 CFR Y 1/10/2011 | | | | | concentration < 10,000 ppm | | | | | |
| 63.11087(a). 63.11087(a). (1) yrs Inspection (1) Record (1) (1) Record (60.115(a) P/D Record (60.115(b)) (2) P/D Record (60.115(b)) (3) P/D Record (60.115(b)) (4) CFR P/D Record (60.115(b)) (5) Record (60.115(c)) (6) Record (60.115(c)) (| POC | 40 CFR | Ą | 1/10/2011 | | 40 CFR | P/E, 1 or 5 or 10 | Visual | Continuous | |
| Note | | 63.11087(a) | | | | 63.11092(e) | yrs | Inspection | | |
| Y 40 CFR P/D Record 60.115(a) Record 60.115(b) Record 60.115(b) Record 60.115(b) Record 60.115(b) Record 60.115(c) Record 60.115(c) Record 60.115(c) Record 60.115(c) Regulation 8, Rule 5 (amended on 10/18/06) Record 60.115(c) Reco | | | | | | Ξ | | Record | | |
| Y 40 CFR P/D Record | | | | | | | | keeping | | |
| Hamelded on 10/18/06 Heeping | Liquid | | λ | | | 40 CFR | P/D | Record | Continuous | |
| Y 40 CFR P/D Record 60.115(b) Keeping | stored | | | | | 60.115(a) | | keeping | | |
| Heeping Heep | True | | γ | | | 40 CFR | P/D | Record | Continuous | |
| Second S | vapor | | | | | 60.115(b) | | keeping | | |
| Y >1.0 psia 40 CFR P/D Record | pressure | | | | | | | | | |
| BAAQMD Y Regulation 8, Rule 5 (amended on 10/18/06) Reping | True | | Υ | | >1.0 psia | 40 CFR | P/D | Record | Continuous | |
| BAAQMD Y Regulation 8, Rule 5 (amended on 10/18/06) | vapor | | | | | 60.115(c) | | keeping | | |
| * | pressure | | | | | | | | | |
| Regulation 8, Rule 5 (amended on 10/18/06) | | BAAQMD | ≺ | | | | | | Continuous | |
| 8, Rule 5 (amended on 10/18/06) | | Regulation | | · | | | | | | |
| (amended on 10/18/06) | | 8, Rule 5 | | | | | | | | |
| 10/18/06) | | (amended on | | | | | | | | |
| | | 10/18/06) | | | | | | | | |

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Applicable Limits and Compliance Monitoring Requirements S43 - OIL/WATER SEPARATOR Table VII - H

| | | | | | Gap < 0.125 inch | | | | |
|------------------------|----------------------------|-------------------|-----------------|-------------|-------------------|-----------|-----|---------------|-------|
| | | | 6 months | 8-8-301.1 | openings | | | | |
| | Continuous | Visual inspection | P/Initially and | SIP | Roof seals, other | | Υ | 1.10£-8-8 dis | РОС |
| | | | | | Gap < 0.125 inch | | | | |
| | | | 6 months | 8-8-301.1 | openings | | | 8-301.1 | |
| | Continuous | Visual inspection | P/Initially and | BAAQMD | Roof seals, other | | Þ | BAAQMD 8- | РОС |
| | | | | | | | | | Limit |
| | Compliance" | | (P/C/N) | Citation | Limit | Date | K/N | Limit | of |
| | "Intermittent"; or "Not in | | Frequency | Requirement | | Effective | FE | Citation of | Type |
| Additional Information | Compliance Status during | Monitoring Type | Monitoring | Monitoring | | Future | | | |
| | | | T | 4 | | | | | |

Table VII – I

Applicable Limits and Compliance Monitoring Requirements

\$44 - Storage Tank-Internal Floating Roof

| | , | | | | | | | : | |
|---------|-------------|-----|-----------|---|-------------|----------------|---------------|--|------------------------|
| Type of | Citation of | FE | Future | Limit | Monitoring | Monitoring | Monitoring | Compliance Status | Additional Information |
| Limit | Limit | Ϋ́N | Effective | | Requirement | Frequency | Type | "Continuous"; | |
| | | | Date | | Citation | (P/C/N) | | "Intermittent"; or "Not in Compliance" | |
| POC | BAAQMD | z | | PVV set within 10% of max | BAAQMD | P/twice per | Inspection | Continuous | |
| | 8-5-303.1 | | | pressure or 25.8 mmHg (0.5 psia) | 8-5-403 & | year at 4 to 8 | Certification | | |
| | | | | | 8-5-404 | months | | | |
| | | | | | | interval | | | |
| | BAAQMD | Z | | Viewport Requirements | | | Inspection | Continuous | |
| | 8-5-305.3 | | | | | | | | |
| POC | BAAQMD | z | | Gasket cover ≤ 0.32 cm (1/8 in) | BAAQMD | P/twice per | Inspection | Continuous | |
| | 8-320.3.1 | | | gap | 8-5-402.3 & | year at 4 to 8 | Certification | | - |
| | | | | | 8-5-404 | months | | | |
| | | | | | | interval | | | |
| POC | BAAQMD | z | | Inaccessible opening no visible | BAAQMD | P/twice per | Inspection | Continuous | • |
| | 8-320.3.2 | | | gap | 8-5-402.3 & | year at 4 to 8 | Certification | | |
| | | | | | 8-5-404 | months | | | |
| | | | | 1 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 | | interval | | | |
| POC | BAAQMD | z | | Solid sampling or gauging wells | BAAQMD | P/twice per | Inspection | Continuous | |
| | 8-5-320.4.2 | | | in closed position with cover, seal | 8-5-402.3 & | year at 4 to 8 | Certification | | |
| | | | | or lid ≤ 0.32 cm (1/8 in) | 8-5-404 | months | | | |
| | | | | | | interval | | | |
| POC | BAAQMD | z | | Solid sampling or gauging wells: | BAAQMD | P/twice per | Inspection | Continuous | |
| | 8-5-320.4.3 | | | Gap between well and roof shall be | 8-5-402.3 & | year at 4 to 8 | Certification | | |
| | | | | added to gaps measured ≤ 1.3 cm | 8-5-404 | months | | | |
| | | | | (1/2 in) | | interval | | | |

Table VII – I

Applicable Limits and Compliance Monitoring Requirements

\$44 - Storage Tank-Internal Floating Roof

| ı | | | | | | | | 0 11001 | | |
|---|---------|-------------|---|-----------|-------------------------------------|-------------|----------------|---------------|---|------------------------|
| | Type of | Citation of | Æ | Future | Limit | Monitoring | Monitoring | Monitoring | Compliance Status | Additional Information |
| | Limit | Limit | X | Effective | | Requirement | Frequency | Type | "Continuous"; | |
| | | | | Date | | Citation | (P/C/N) | | "Intermittent"; or "Not in Compliance" | |
| | POC | BAAQMD | z | | Slotted sampling or gauging wells | BAAQMD | P/twice per | Inspection | Continuous | |
| | | 8-5-320.5.2 | | | in closed position with cover, seal | 8-5-402.2 & | year at 4 to 8 | Certification | | |
| | | | | | or lid ≤ 1.3 cm (1/2 in) | 8-5-404 | months | | | |
| | | | | | | | interval | | | |
| | POC | BAAQMD | z | | Slotted sampling or gauging wells: | BAAQMD | P/twice per | Inspection | Continuous | |
| | | 8-5-320.5.3 | | | Gap between well and roof shall be | 8-5-402.2 & | year at 4 to 8 | Certification | | |
| | | | | | added to gaps measured ≤ 1.3 cm | 8-5-404 | months | | | |
| | | | | | (1/2 in) | | interval | | *************************************** | |
| | POC | BAAQMD | Z | | Emergency roof drain with slotted | BAAQMD | P/twice per | Inspection | Continuous | |
| | | 8-5-320.6 | | | membrane fabric cover ≥ 90% | 8-5-402 & | year at 4 to 8 | Certification | | |
| | | | | | opening area | 8-5-404 | months | | | |
| _ | | | | | | | interval | | | |
| | POC | BAAQMD | z | | No holes, tears or other openings | BAAQMD | P/twice per | Inspection | Continuous | |
| | | 8-5-321.1 | | | in the primary seal fabric | 8-5-402.2 & | year at 4 to 8 | Certification | | |
| | | | | | | 8-5-404 | months | | | |
| | | | | | | | interval | | | |
| | POC | BAAQMD | z | | Primary seal metallic shoe or | BAAQMD | Р/10 ут | Inspection | Continuous | |
| | | 8-5-321.2 | | | liquid mounted type | 8-5-402.1 | Р/10 ут | Certification | | |
| _ | | | | | 1 | 8-5-404 | | | | |
| | РОС | BAAQMD | z | | Primary seal metallic shoe extends | BAAQMD | Р/10 ут | Inspection | Continuous | |
| | | 8-5-321.3 | | | minimum 61 cm (24 in) for | 8-5-401, | P/10 yr | Certification | | |
| | | | | | external floating and 18 in for | 8-5-404 | | | | |
| | | •• | | | internal Floating Roof tank above | | | | | |
| _ | | | | | liquid surface | | | | | |
| | | | | | | | | | | |

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Table VII – I

Applicable Limits and Compliance Monitoring Requirements

S44 - STORAGE TANK-INTERNAL FLOATING ROOF

| POC | | POC | POC | POC | Type of Limit |
|--------------------------------|---|--|---|--|---|
| | BAAQMD 8-5-322.2 | BAAQMD 8-5-322.1 | 8-5-321.3.2 | BAAQMD 8-5-321.3.1 | Citation of Limit |
| z | z | z | z | z | FE Y/N |
| | | | | | Future Effective Date |
| Gap between tank shell and the | Secondary seal shall allow insertion up to 3.8 cm (1 ½ in) in width | No holes, tears, or other openings | For welded tanks, gap between tank shell and the primary seal < 3.8 cm (1 1/2 in). No continuous gap > 0.32 cm ((1/8 in) shall exceed 10% of circumference. The cumulative length of all seal gaps exceeding 1.3 cm (1/2 in) < 10% of circumference and the cumulative length of all seal gaps exceeding 0.32 cm (1/8 in) < 40% of circumference | Gap between shoe and tank shell is no greater than 46 cm (18 in) | Limit Monitoring Monitoring Requirement Frequency Citation (P/C/N) |
| BAAQMD | BAAQMD 8-5-402, & 8-5-404 | BAAQM 8-5-402.2 & 8-5-404 | BAAQMD 8-5-401, 8-5-404 | BAAQMD 8-5-401, 8-5-404 | Monitoring Requirement Citation |
| P/10 yr | P/10 yr P/10 yr | P/twice per year at 4 to 8 months interval | Р/10 уг Р/10 уг | P/10 уг P/10 уг | Monitoring Frequency (P/C/N) |
| Inspection | Inspection Certification | Inspection Certification | Inspection Certification | Inspection Certification | Monitoring Type |
| Continuous | Continuous | Continuous | Continuous | Continuous | Compliance Status during Period: "Continuous"; "Intermittent"; or "Not in Compliance" |
| | | | | | Additional Information |

Table VII – I Applicable Limits and Compliance Monitoring Requirements \$44 - Storage Tank-Internal Floating Roof

| | | | interval | | | | | | |
|------------------------|---------------------|---------------|--|-------------|---------------------------------------|-----------|----------|-------------|---------------------|
| | | | months | 8-5-404 | or lid ≤ 0.32 cm (1/8 in) | | | | |
| | | Certification | year at 4 to 8 | 8-5-402.3 & | in closed position with cover, seal | | | 8-5-320.4.2 | |
| | Continuous | Inspection | P/twice per | SIP | Solid sampling or gauging wells | | × | SIP | POC |
| | | | interval | | | | | | |
| | | | months | 8-5-404 | | | | | |
| | | Certification | year at 4 to 8 | 8-5-402.3 & | gap | | | 8-320.3.2 | |
| | Continuous | Inspection | P/twice per | SIP | Inaccessible opening no visible | | Y | SIP | РОС |
| | | | interval | | | | | | |
| | | | months | 8-5-404 | | | | | , - , - |
| | | Certification | year at 4 to 8 | 8-5-402.3 & | gap | | | 8-320.3.1 | |
| | Continuous | Inspection | P/twice per | SIP | Gasket cover ≤ 0.32 cm (1/8 in) | | ~ | SIP | POC |
| | | | | | | | | 8-5-305.3 | |
| | Continuous | Inspection | | | Viewport Requirements | | Υ | SIP | |
| | | | interval | | | | | | |
| | | | months | 8-5-404 | , , , , , , , , , , , , , , , , , , , | | | | |
| | | Certification | year at 4 to 8 | 8-5-403 & | pressure or 25.8 mmHg (0.5 psia) | | | 8-5-303.1 | |
| | Continuous | Inspection | P/twice per | SIP | PVV set within 10% of max | | ~ | SIP | POC |
| | | | | | 10,000 ppm | | | | |
| | | | | 8-5-502 | control, POC concentration < | | | 8-5-328.1.1 | |
| | Continuous | Source Test | P/A | BAAQMD | Tank ≥ 75 m³, Tank cleaning 90% | | Z | BAAQMD | POC |
| | "Not in Compliance" | | (270017) | C | | , on the | | | |
| | "Intermittent": or | | (P/C/N) | Citation | | Data | | | |
| | "Continuous"; | Type | Frequency | Requirement | | Effective | ΥN | Limit | Limit |
| Additional Information | Compliance Status | Monitoring | Monitoring | Monitoring | Limit | Future | FE | Citation of | Type of |
| | | 3,400, | Control of the state of the sta | | × | | | | |

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Table VII – I

Applicable Limits and Compliance Monitoring Requirements

\$44 - STORAGE TANK-INTERNAL FLOATING ROOF

| | | | | | | | | Compliance Status | |
|---------|-------------|-----|-----------|-------------------------------------|-------------|----------------|---------------|--|------------------------|
| Type of | Citation of | FΕ | Future | Limit | Monitoring | Monitoring | Monitoring | during Period: | Additional Information |
| Limit | Limit | N/A | Effective | | Requirement | Frequency | Туре | "Continuous"; | |
| | | | Date | | Citation | (P/C/N) | | "Intermittent"; or "Not in Compliance" | |
| POC | SIP | ۲ | | Solid sampling or gauging wells: | dIS | P/twice per | Inspection | Continuous | |
| | 8-5-320.4.3 | | | Gap between well and roof shall be | 8-5-402.3 & | year at 4 to 8 | Certification | | |
| | | | | added to gaps measured ≤ 1.3 cm | 8-5-404 | months | | | |
| | | | | (1/2 in) | | interval | | | |
| POC | SIP | Υ | | Slotted sampling or gauging wells | SIP | P/twice per | Inspection | Continuous | |
| | 8-5-320.5.2 | | | in closed position with cover, seal | 8-5-402.2 & | year at 4 to 8 | Certification | | |
| | | | | or lid ≤ 1.3 cm (1/2 in) | 8-5-404 | months | | | |
| | | | | | | interval | ****** | | |
| POC | SIP | Υ | | Slotted sampling or gauging wells: | SIP | P/twice per | Inspection | Continuous | |
| | 8-5-320.5.3 | | | Gap between well and roof shall be | 8-5-402.2 & | year at 4 to 8 | Certification | | |
| | | | | added to gaps measured ≤ 1.3 cm | 8-5-404 | months | | | |
| | | | | (1/2 in) | | interval | | | |
| POC | SIP | Υ | | Emergency roof drain with slotted | SIP | P/twice per | Inspection | Continuous | |
| | 8-5-320.6 | | | membrane fabric cover≥90% | 8-5-402 & | year at 4 to 8 | Certification | | |
| | | | | opening area | 8-5-404 | months | | | |
| | | | | | | interval | | | |
| POC | dIS | Υ | | No holes, tears or other openings | SIP | P/twice per | Inspection | Continuous | |
| | 8-5-321.1 | | | in the primary seal fabric | 8-5-402.2 & | year at 4 to 8 | Certification | | |
| | | | | | 8-5-404 | months | | | |
| | | | | | | interval | | | |
| POC | SIP | Υ | | Primary seal metallic shoe or | SIP | P/10 yr | Inspection | Continuous | |
| | 8-5-321.2 | | | liquid mounted type | 8-5-402.1 | P/10 yr | Certification | | |
| | | | | | 8-5-404 | | | | |

Table VII – I Applicable Limits and Compliance Monitoring Requirements \$44 - STORAGE TANK-INTERNAL FLOATING ROOF

| | | | merval | | | | | | |
|------------------------|--|---|----------------|-------------|------------------------------------|-----------|-----|-------------|------------|
| | | | | | | | | • | |
| | | | months | 8-5-404 | | | | | |
| | | Certification | year at 4 to 8 | 8-5-402.2 & | | | | 8-5-322.1 | |
| | Continuous | Inspection | P/twice per | SIP | No holes, tears, or other openings | | ~ | SIP | POC |
| | | | | | of circumference | | | | |
| | | | | | exceeding 0.32 cm (1/8 in) < 40% | | | | |
| | | | | | cumulative length of all seal gaps | | | | |
| | | | | | 10% of circumference and the | | | | |
| | | | | | gaps exceeding 1.3 cm (1/2 in) < | | | | _ |
| | | | | | The cumulative length of all seal | | | | |
| | | | | | exceed 10% of circumference. | | | | |
| | | | | | gap > 0.32 cm ((1/8 in) shall | | | | |
| | | | | 8-5-404 | 3.8 cm (1 1/2 in). No continuous | | | | |
| | | Certification | Р/10 уг | 8-5-401, | tank shell and the primary seal < | | | 8-5-321.3.2 | · <u>-</u> |
| | Continuous | Inspection | P/10 yr | SIP | For welded tanks, gap between | | Υ | SIP | POC |
| | | 100000000000000000000000000000000000000 | | 8-5-404 | | | | | |
| | | Certification | P/i0 yr | 8-5-401, | no greater than 46 cm (18 in) | | | 8-5-321.3.1 | |
| | Continuous | Inspection | P/10 yr | SIP | Gap between shoe and tank shell is | | ۲ | SIP | POC |
| | | | | | liquid surface | | | | |
| | | | | | internal Floating Roof tank above | | | • | |
| | | | | 8-5-404 | external floating and 18 in for | | | | |
| | | Certification | Р/10 ут | 8-5-401, | minimum 61 cm (24 in) for | | | 8-5-321.3 | |
| | Continuous | Inspection | Р/10 ут | SIP | Primary seal metallic shoe extends | | Υ | SIP | POC |
| | "Intermittent"; or "Not in Compliance" | | (P/C/N) | Citation | | Date | | | - |
| | "Continuous"; | Type | Frequency | Requirement | | Effective | Y/N | Limit | Limit |
| Additional Information | Compliance Status during Period: | Monitoring | Monitoring | Monitoring | Limit | Future | Ŧ | Citation of | Type of |
| ļ. | 2 | | | | | | | | |

Table VII – I Applicable Limits and Compliance Monitoring Requirements \$44 - Storage Tank-Internal Floating Roof

| | | | | OTT - OTOMOG ACTIVE ATTACKED A DOCUMENTO | | | | Camalianca Status | *************************************** |
|----------|-------------|-----|-----------|---|-------------|----------------|---------------|--|---|
| Type of | Citation of | Æ | Future | Limit | Monitoring | Monitoring | Monitoring | during Period: | Additional Information |
| Limit | Limit | Ϋ́N | Effective | | Requirement | Frequency | Type | "Continuous"; | |
| - | | | Date | | Citation | (P/C/N) | | "Intermittent"; or "Not in Compliance" | |
| POC | SIP | ~ | | Secondary seal shall allow | SIP | P/10 yr | Inspection | Continuous | |
| | 8-5-322.2 | | | insertion up to 3.8 cm (1 1/2 in) in | 8-5-402, & | P/10 yr | Certification | | |
| | | | | width | 8-5-404 | | | | |
| POC | SIP | Υ | | Gap between tank shell and the | SIP | Р/10 ут | Inspection | Continuous | |
| | 8-5-322.3 | | | secondary seal shall not exceed 1.3 | 8-5-402, & | P/10 yr | Certification | | |
| | | | | cm (1/2 in) | 8-5-404 | | | | |
| РОС | SIP | ~ | | Tank \geq 75 m ³ , tank cleaning shall | None | Z | None | Continuous | |
| | 8-5-328.1.1 | | | have liquid balancing with ≤ 0.5 | | | | | |
| | | | | psia | | | | | |
| РОС | SIP | ~ | | Tank ≥ 75 m ³ , Tank cleaning 90% | SIP | P/A | Source Test | Continuous | |
| | 8-5-328.1.2 | | | control, POC concentration < | 8-5-502 | | | | |
| | | | | 10,000 ppm | | | | | |
| POC | 40 CFR | ~ | 1/10/2011 | | 40 CFR | P/E, 1 or 5 or | Visual | Continuous | |
| , | 63.11087(a) | | | | 63.11092(e) | 10 yrs | Inspection | | |
| | | | | | (I) | | Record | | |
| | | | | ************ | | | kecping | | |
| Liquid | | 4 | | | 40 CFR | P/D | Record | Continuous | |
| stored | | | | | 60.115(a) | | keeping | | |
| True | | ۲ | | | 40 CFR | P/D | Record | Continuous | |
| vapor | | | - | | 60.115(b) | | keeping | | |
| pressure | | | | 1111111111111 | | | | | |
| True | | ~ | | >1.0 psia | 40 CFR | P/D | Record | Continuous | |
| vapor | | | | | 60.115(c) | | keeping | • | |
| pressure | | | | | | | | ****** | |

Table VII – I

Applicable Limits and Compliance Monitoring Requirements

\$44 - Storage Tank-Internal Floating Roof

| Type of | Citation of FE | FE | Future | Limit | Monitoring | Monitoring | Monitoring | Compliance Status | Additional Information |
|-------------|----------------|-----|-----------|---------------------------------|-------------|------------|------------|--|------------------------|
| Limit | Limit | Y'Z | Effective | | Requirement | Frequency | Type | "Continuous"; | |
| | | | Date | | Citation | (P/C/N) | | "Intermittent"; or "Not in Compliance" | |
| Certificati | BAAQMD | | | Submit report within 60 days of | BAAQMD | | Submittal | Continuous | |
| on | 8-5-404 | | | inspection or source test | 8-5-404 | | | | |
| | BAAQMD | ۲ | | | | | | Continuous | |
| | Regulation | | | | | | | | |
| | 8, Rule 5 | | | | | | | | |
| | (amended on | | | | | | | | |
| | 10/18/06) | | | | | | | | |
| | | | | | | | | | |

Table VII - J

Applicable Limits and Compliance Monitoring Requirements

\$45 - SUMP TANK - UNDERGROUND

| | | , | | | | | | _ | |
|------------------------|---------------------|---------------|------------|----------------|-------------------|-----------|-----|--------------|---------------------------------|
| | | | | #16514, part 2 | | | | #16514, part | limit |
| | | | | Condition | | | | Condition | throughput |
| | Continuous | Recordkeeping | P/M | BAAQMD | 92,072 gallons/yr | | Y | BAAQMD | Jet Kerosene |
| | | | | | | | | 1 | |
| | | | | #16514, part 2 | | | | #16514, part | limit |
| | | | | Condition | gallons/yr | | | Condition | throughput |
| | Continuous | Recordkeeping | P/M | BAAQMD | 214,520 | | Υ | BAAQMD | Gasoline |
| | "Not in Compliance" | | (17071) | Citation | Limit | Date | N/I | LAMIT | Limit |
| | "Intermittent": or | | 903 | Citation | ī i | 7 | | I :: | - - - - - - - |
| | "Continuous"; | Туре | Frequency | Requirement | | Effective | FE | Citation of | Type of |
| Additional Information | Compliance Status | Monitoring | Monitoring | Monitoring | | Future | | | |

Applicable Limits and Compliance Monitoring Requirements S47 – UNLOADING RACK 7 (ETHANOL) Table VII - K

| Recordkeeping Continuous | | | | | | #23134, part | limit |
|--|-----------------------|-------------|---------------|-----------|-----|--------------|------------|
| | | Condition | gallon/yr | | | Condition | throughput |
| | P/M Recordkeep | BAAQMD | 123.48 MM | | γ | BAAQMD | Ethanol |
| | | | gallons) | | | | |
| <u>.</u> | | | (0.17 lb/1000 | | | | |
| | | | meter | | | 8-6-304 | |
| | z | | 21 gm/cubic | | Υ | BAAQMD | РОС |
| "Intermittent"; or "Not in Compliance" | (P/C/N) | Citation | Limit | Date | Y/N | Limit | Limit |
| Type "Continuous"; | Frequency Type | Requirement | | Effective | FE | Citation of | Type of |
| Monitoring | Monitoring Monitoring | Monitoring | | Future | | | |

Applicable Limits and Compliance Monitoring Requirements S48 - OFFSPEC UNLOADING RACK 8 Table VII - L

Table VII - M

Applicable Limits and Compliance Monitoring Requirements

COMPONENTS

| | | РОС | | | РОС | | | РОС | | | РОС | | | РОС | | | РОС | Limit | of | Туре |
|---|-------------------------|-------------------------|-------------------|-------------|----------------------------|--|-------------|-----------------------|-------------------|----------------|---------------------|-------------------|-------------|----------------------|-------------------|-------------|------------------------|-------------|----------------------------|--|
| | 0-10-500.1 | BAAQMD | | 8-18-305 | BAAQMD | | 8-18-304 | BAAQMD | | 8-18-303 | BAAQMD | | 8-18-302 | BAAQMD | | 8-18-301 | BAAQMD | | Limit | Citation of |
| | | Z. | | | z | | | Z | | | Z | | | z | | | z | | Ϋ́N | HE |
| | | | | | | | | | | | | | | | | | | Date | Effective | Future |
| 5 years or at the next scheduled turnaround | must be repaired within | Valve, pressure relief, | | ≤ 500 ppm | Pressure relief valve leak | | ppm | Connection leak ≤ 100 | | leak ≤ 500 ppm | Pump and compressor | | | Valve leak ≤ 100 ppm | | ≤ 100 ppm | General equipment leak | | | Limit |
| | | None | | 8-18-401.2 | BAAQMD | | 8-18-401.2 | BAAQMD | | 8-18-401.2 | BAAQMD | | 8-18-401.2 | BAAQMD | | 8-18-401.2 | BAAQMD | Citation | Requirement | Monitoring |
| | | Z | | | P/Q | | | P/Q | | | P/Q | | | P/Q | | | P/Q | (P/C/N) | Frequency | Monitoring |
| | | | detector, records | hydrocarbon | Portable | detector, records | hydrocarbon | Portable | detector, records | hydrocarbon | Portable | detector, records | hydrocarbon | Portable | detector, records | hydrocarbon | Portable | | Type | Monitoring |
| | | Continuous | | | Continuous | | | Continuous | | | Continuous | | | Continuous | | | Continuous | Compliance" | "Intermittent"; or "Not in | Compliance Status during Period: "Continuous": |
| | | | | | | ************************************** | | | | | | | | | | | | | | Additional Information |

Table VII - M

Applicable Limits and Compliance Monitoring Requirements

COMPONENTS

| | | detector, records | | | | | | | |
|------------------------|----------------------------|-------------------|------------|-------------|---|-----------|-----|--------------|-------|
| | | hydrocarbon | | 8-18-401.2 | ≤ 100 ppm | | · | 301 | |
| | Continuous | Portable | P/Q | SIP | General equipment leak | | ~ | SIP 8-18- | РОС |
| | | | | | lb/day, they must be repaired within 7 days | | | | |
| | | | | | compressor leaks ≥ 15 | | | • | |
| | | | | | relief, pump or | | | 8-18-306.3.3 | |
| | Continuous | | z | None | Total valve, pressure | | z | BAAQMD | РОС |
| | | | | | 0.2 lb/day & ≤ 5% | | | | |
| | | | | | Pump and Connector ≤ | | | | |
| | | | | • | lb/day & ≤5% | | | | |
| | | | | | Pressure Relief ≤ 0.2 | | | | |
| | | | | | ≤1.0% | | | | |
| | | | | | Valve ≤ 0.1 lb/day & | | | | |
| | | | | | allowed | | | | |
| | | | | 8-18-401.3 | repairable equipment | | | 8-18-306.3.2 | |
| | Continuous | Inspection | P/D | BAAQMD | Mass emissions & non- | | z | BAAQMD | РОС |
| | | | | | | | | | |
| | | | | • | 1% | | | | |
| | | | | | Pump and Connector ≤ | | | | |
| | | | | | Pressure Relief ≤ 1% | | | | |
| | | | | 8-18-401.5 | Valves ≤ 0.5% | | | 8-18-306.2 | |
| | Continuous | Inspection | P/24 hours | BAAQMD | Awaiting repair | | z | BAAQMD | РОС |
| | Compliance" | | (P/C/N) | Citation | | Date | | | Limit |
| | "Intermittent"; or "Not in | Туре | Frequency | Requirement | | Effective | Ϋ́Z | Limit | ٥ |
| Additional Information | Period: "Continuous": | Monitoring | Monitoring | Monitoring | Limit | Future | Æ | Citation of | Туре |
| | | | | 1 | | | | | |

Title V Semi-Annual Monitoring Verification Report for Period May 1, 2012 through October 31, 2012

Table VII - M Applicable Limits and Compliance Monitoring Requirements COMPONENTS

| P/24 hours |
|-----------------------|
| |
| |
| |
| |
| Z |
| |
| |
| P/Q |
| (P/C/N) |
| Requirement Frequency |
| Surrounding |

Title V Semi-Annual Monitoring Verification Report for Period May 1, 2012 through October 31, 2012

Table VII - M Applicable Limits and Compliance Monitoring Requirements COMPONENTS

| | | | | & 8-25-403 | | | | | |
|------------------------|----------------------------|-------------------|------------|-------------|------------------------|-----------|-----|-------------|-------|
| | | detector, records | | 8-25-401.2 | | | | 8-25-303 | *** |
| | | hydrocarbon | P/D | BAAQMD | ppm | | | BAAQMD | |
| | Continuous | Portable | P/Q | SIP | Compressor leak ≤ 500 | | * | SIP | РОС |
| | | | | & 8-25-403 | | | | | |
| | | detector, records | | 8-25-401.2 | | | | 8-25-302 | |
| | | hydrocarbon | P/D | BAAQMD | | | | BAAQMD | |
| | Continuous | Portable | P/Q | SIP | Pump leak ≤ 500 ppm | | ۲ | SIP | РОС |
| | | | | | repaired within 7 days | | | | |
| | | | | | lb/day, they must be | | | | |
| | | | | | compressor leaks ≥ 15 | | | | |
| | | | | | relief, pump or | | | 306.3.3 | |
| | Continuous | | z | None | Total valve, pressure | | × | SIP 8-18- | POC |
| | | | | | 0.2 lb/day & ≤ 5% | | | | |
| | | | | | Pump and Connector ≤ | | | | |
| | | | | | lb/day & ≤5% | | | | |
| | | | | | Pressure Relief ≤ 0.2 | | | | |
| | | | | | ≤1.0% | | | | |
| | | | | | Valve ≤ 0.1 lb/day & | | | | |
| | | | i. | | allowed | | | | |
| | | | | 401.3 | repairable equipment | | | 306.3.2 | |
| | Continuous | Inspection | P/D | SIP 8-18- | Mass emissions & non- | | Υ | SIP 8-18- | POC |
| | Compliance" | | (P/C/N) | Citation | | Date | | | Limit |
| | "Intermittent"; or "Not in | Туре | Frequency | Requirement | | Effective | Y/N | Limit | of, |
| Additional Information | Compliance Status during | Monitoring | Monitoring | Monitoring | Limit | Future | FE | Citation of | Type |
| | | | | | | | | | |

Title V Semi-Annual Monitoring Verification Report for Period May 1, 2012 through October 31, 2012

Table VII - M Applicable Limits and Compliance Monitoring Requirements COMPONENTS

| Туре | Citation of | FE | Future | Limit | Monitoring | Monitoring | Monitoring | Compliance Status during | Additional Information |
|-------|-------------|----|-----------|--------------------------|--------------|---|-------------------|----------------------------|------------------------|
| of. | Limit | ž | Effective | | Requirement | Frequency | Type | "Intermittent"; or "Not in | |
| Limit | | | Date | | Citation | (P/C/N) | | Compliance" | |
| РОС | SIP | ~ | | Pump or compressor | dlS | P/Q | Portable | Continuous | |
| | BAAQMD | | | repaired within 5 years | BAAQMD | | hydrocarbon | | |
| | 8-25-304.1 | | | or next scheduled | 8-25-401.1 | | detector, records | | |
| | | | | turnaround | & 8-25-402 | | | | |
| РОС | SIP | 4 | | Awaiting repaired valves | SIP | | Portable | Continuous | |
| | BAAQMD | | | < 1.0% | BAAQMD | P/Q | hydrocarbon | | |
| | 8-25-304.2 | | | | 8-25-401.1 & | | detector, records | | |
| | | | | | 8-25-402 | | | | |
| | SIP | ۲ | | New or replaced pump | SIP | P/Q | Portable | Continuous | |
| | BAAQMD | | | and compressor leak ≤ | BAAQMD | P/D | hydrocarbon | | |
| · | 8-25-305 | | | 500 ppm for 4 | 8-25-401.2 | | detector, records | | |
| | | | | consecutive quarters | & 8-25-403 | *************************************** | | | |
| | SIP | ~ | | Repeat pump, | SIP | P/Q | Portable | Continuous | |
| | BAAQMD | | | compressor leak must | BAAQMD | P/D | hydrocarbon | | |
| | 8-25-306 | | | meet SIP | 8-25-401.2 | | detector, records | | |
| | | | | BAAQMD 8-25-304 & | & 8-25-403 | | | | |
| | | | | 8-25-305 | | | | | |
| | | | | | BAAQMD | P/Q | Reports | Continuous | |
| | | | | | 8-18-503 | P/Y | | | |
| | | | | | BAAQMD | P/Q | Identification | Continuous | |
| | | | | | 8-18-402.1 | P/Y | Code | | |