EMISSION SOURCES - EMISSIONS CAPS AND INDIVIDUAL EMISSION LIMITATIONS

Permit Number 5631

This Table Lists the Maximum Allowable Emission Rates and All Sources of Air Contaminants on the Applicant's property Covered by this Permit. The Emission Rates Shown Are Those Derived from Information Submitted as Part of the application for permit and are the maximum rates allowed for these facilities. Any proposed increase in Emission Rates May Require an Application for a Modification of the Facilities Covered by this Permit. **(03/06)**

AIR CONTAMINANTS DATA

| Emission Point No. (1) | Source Name (2) | Air Contaminant Name (3) | Emission Rates * lb/hr | TPY |
|---|---|---|---|---|
| 27-14 | Internal Floating Roof Tank | VOC | | |
| 27-15 | Internal Floating Roof Tank | VOC | | |
| 80-7 | Internal Floating Roof Tank | VOC | | |
| 80-10 | Internal Floating Roof Tank | VOC | | |
| 80-12 | Internal Floating Roof Tank | VOC | | |
| 80-43 | Internal Floating Roof Tank | VOC | | |
| 80-44 | Internal Floating Roof Tank | VOC | | |
| 80-45 | Internal Floating Roof Tank | VOC | | |
| 80-46 | Internal Floating Roof Tank | VOC | | |
| 100-47 | Internal Floating Roof Tank | VOC | | |
| 100-48 | Internal Floating Roof Tank | VOC | | |
| 100-49 | Internal Floating Roof Tank | VOC | | |
| 100-54 | Internal Floating Roof Tank | VOC | | |
| 100-55 | Internal Floating Roof Tank | VOC | | |
| 100-56 | Internal Floating Roof Tank | VOC | | |
| 100-58 | Internal Floating Roof Tank | VOC | | |
| 100-59 | Internal Floating Roof Tank | VOC | | |
| 150-9 | Internal Floating Roof Tank | VOC | | |
| 150-40 | Internal Floating Roof Tank | VOC | | |
| 150-41 | Internal Floating Roof Tank | VOC | | |
| 150-42 | Internal Floating Roof Tank | VOC | | |
| 200-8 | Internal Floating Roof Tank | VOC | | |
| 200-11 | Internal Floating Roof Tank | VOC | | |
| 200-51 | Internal Floating Roof Tank | VOC | | |
| 200-53 | Internal Floating Roof Tank | VOC | | |
| 250-50 | Internal Floating Roof Tank | VOC | | |
| 250-52 | Internal Floating Roof Tank | VOC | | |
| 260-5 | Internal Floating Roof Tank | VOC | | |
| 260-6 | Internal Floating Roof Tank | VOC | | |
| 300-1 | Internal Floating Roof Tank | VOC | | |
| 300-2 | Internal Floating Roof Tank | VOC | | |

EMISSION SOURCES - EMISSIONS CAPS AND INDIVIDUAL EMISSION LIMITATIONS

AIR CONTAMINANTS DATA

| Emission Point No. (1) | Source Name (2) | Air Contaminant Name (3) | Emission Rates * lb/hr | TPY |
|---|---|---|---|---|
| 300-3 | Internal Floating Roof Tank | VOC | | |
| 300-4 | Internal Floating Roof Tank | VOC | | |
| 300-21 | Internal Floating Roof Tank | VOC | | |
| 300-22 | Internal Floating Roof Tank | VOC | | |
| C80-4 | Internal Floating Roof Tank | VOC | | |
| LD-111 | Internal Floating Roof Tank | VOC | | |
| LD-112 | Internal Floating Roof Tank | VOC | | |
| LD-113 | Internal Floating Roof Tank | VOC | | |
| LD-114 | Internal Floating Roof Tank | VOC | | |
| TH-501 | Internal Floating Roof Tank | VOC | | |
| TH-502 | Internal Floating Roof Tank | VOC | | |
| C30-10 | Fixed-Roof Tank | VOC | | |
| C80-1 | Fixed-Roof Tank | VOC | | |
| C80-2 | Fixed-Roof Tank | VOC | | |
| C80-3 | Fixed Roof Tank | VOC | | |
| C30-13 | Fixed-Roof Tank | VOC | | |
| LD-115 | Fixed-Roof Tank | VOC | | |
| LD-116 | Fixed-Roof Tank | VOC | | |
| FUG 100 | 100 Manifold Fugitives (4) | VOC | | |
| FUG 300 | 300 Manifold Fugitives (4) | VOC | | |
| FUG 500 | 500 Manifold Fugitives (4) | VOC | | |
| FUG C | C Manifold Fugitives (4) | VOC | | |
| FUG D | D Manifold Fugitives (4) | VOC | | |
| SD-1 | Ship Dock 1 Fugitives (4) | VOC | (non-vacuum assist loading) | |
| BD-B | Barge Dock B Fugitives (4) | VOC | (non-vacuum assist loading) | |
| TR-1 | Truck Loading Rack 1 | VOC | | |
| MLF-1 | Marine Loading Flare 1 | VOC | | |
| MLF-2 | Marine Loading Flare 2 | VOC | | |
| E-1 | Engine | VOC | | |
| E-2 | Engine | VOC | | |
| H-1 | Heater | VOC | | |
| OWS-1 | Oil/Water Separator 1 | VOC | | |

**VOC Emission Caps**

EMISSION SOURCES - EMISSIONS CAPS AND INDIVIDUAL EMISSION LIMITATIONS

AIR CONTAMINANTS DATA

| Emission Point No. (1) | Source Name (2) | Air Contaminant Name (3) | Emission Rates * lb/hr | TPY |
|---|---|---|---|---|
| **Overall** | | | **507.61**(6) | **257.28** (8) |
| **Maintenance, Startup, and Shutdown Emissions (MSS)** | | | | (7) |
| | **137.00** (9) | | | |
| 27-14 | Internal Floating Roof Tank | BZ | | |
| 27-15 | Internal Floating Roof Tank | BZ | | |
| 80-7 | Internal Floating Roof Tank | BZ | | |
| 80-10 | Internal Floating Roof Tank | BZ | | |
| 80-12 | Internal Floating Roof Tank | BZ | | |
| 80-43 | Internal Floating Roof Tank | BZ | | |
| 80-44 | Internal Floating Roof Tank | BZ | | |
| 80-45 | Internal Floating Roof Tank | BZ | | |
| 80-46 | Internal Floating Roof Tank | BZ | | |
| 100-47 | Internal Floating Roof Tank | BZ | | |
| 100-48 | Internal Floating Roof Tank | BZ | | |
| 100-49 | Internal Floating Roof Tank | BZ | | |
| 100-54 | Internal Floating Roof Tank | BZ | | |
| 100-55 | Internal Floating Roof Tank | BZ | | |
| 100-56 | Internal Floating Roof Tank | BZ | | |
| 100-58 | Internal Floating Roof Tank | BZ | | |
| 100-59 | Internal Floating Roof Tank | BZ | | |
| 150-9 | Internal Floating Roof Tank | BZ | | |
| 150-40 | Internal Floating Roof Tank | BZ | | |
| 150-41 | Internal Floating Roof Tank | BZ | | |
| 150-42 | Internal Floating Roof Tank | BZ | | |
| 200-8 | Internal Floating Roof Tank | BZ | | |
| 200-11 | Internal Floating Roof Tank | BZ | | |
| 200-51 | Internal Floating Roof Tank | BZ | | |
| 200-53 | Internal Floating Roof Tank | BZ | | |
| 250-50 | Internal Floating Roof Tank | BZ | | |
| 250-52 | Internal Floating Roof Tank | BZ | | |
| 260-5 | Internal Floating Roof Tank | BZ | | |
| 260-6 | Internal Floating Roof Tank | BZ | | |
| 300-1 | Internal Floating Roof Tank | BZ | | |
| 300-2 | Internal Floating Roof Tank | BZ | | |
| 300-3 | Internal Floating Roof Tank | BZ | | |
| 300-4 | Internal Floating Roof Tank | BZ | | |

EMISSION SOURCES - EMISSIONS CAPS AND INDIVIDUAL EMISSION LIMITATIONS

AIR CONTAMINANTS DATA

| Emission Point No. (1) | Source Name (2) | Air Contaminant Name (3) | Emission Rates * lb/hr | TPY |
|---|---|---|---|---|
| 300-21 | Internal Floating Roof Tank | BZ | | |
| 300-22 | Internal Floating Roof Tank | BZ | | |
| C80-4 | Internal Floating Roof Tank | BZ | | |
| LD-111 | Internal Floating Roof Tank | BZ | | |
| LD-112 | Internal Floating Roof Tank | BZ | | |
| LD-113 | Internal Floating Roof Tank | BZ | | |
| LD-114 | Internal Floating Roof Tank | BZ | | |
| TH-501 | Internal Floating Roof Tank | BZ | | |
| TH-502 | Internal Floating Roof Tank | BZ | | |
| C30-10 | Fixed-Roof Tank | BZ | | |
| C80-1 | Fixed-Roof Tank | BZ | | |
| C80-2 | Fixed-Roof Tank | BZ | | |
| C80-3 | Fixed-Roof Tank | BZ | | |
| C30-13 | Fixed-Roof Tank | BZ | | |
| LD-115 | Fixed-Roof Tank | BZ | | |
| LD-116 | Fixed-Roof Tank | BZ | | |
| FUG 100 | 100 Manifold Fugitives (4) | BZ | | |
| FUG 300 | 300 Manifold Fugitives (4) | BZ | | |
| FUG 500 | 500 Manifold Fugitives (4) | BZ | | |
| FUG C | C Manifold Fugitives (4) | BZ | | |
| FUG D | D Manifold Fugitives (4) | BZ | | |
| SD-1 | Ship Dock 1 Fugitives (4) | BZ | | |
| BD-B | Barge Dock B Fugitives (4) | BZ | | |
| TR-1 | Truck Loading Rack 1 | BZ | | |
| MLF-1 | Marine Loading Flare 1 | BZ | | |
| MLF-2 | Marine Loading Flare 2 | BZ | | |

**Benzene Emission Caps**

| | | | | |
|---|---|---|---|---|
| **Overall** | | **BZ** | **49.33** (10) | **10.39** (12) |
| **Maintenance, Startup, and Shutdown Emissions (MSS)** | | | **BZ** | **59.82** (11) |
| | | | | **6.91** (13) |
| MLF-1 | Marine Loading Flare 1 | $NO_x$, CO | | |
| MLF-2 | Marine Loading Flare 2 | $NO_x$, CO | | |
| E-1 | Engine | $NO_x$, CO | | |
| E-2 | Engine | $NO_x$, CO | | |

EMISSION SOURCES - EMISSIONS CAPS AND INDIVIDUAL EMISSION LIMITATIONS

| | | AIR CONTAMINANTS DATA | | |
|---|---|---|---|---|
| Emission Point No. (1) | Source Name (2) | Air Contaminant Name (3) | Emission Rates * lb/hr | TPY |
| H-1 | Heater | $NO_x$, CO | | |
| | **Emission Cap** | **$NO_x$** | **23.23** | **72.49** |
| | **Emission Cap** | **CO** | **24.85** | **45.88** |
| E-1 | Engine | PM, $SO_2$ | | |
| E-2 | Engine | PM, $SO_2$ | | |
| H-1 | Heater | PM, $SO_2$ | | |
| | **Emission Cap** | **PM** | **0.36** | **1.58** |
| | **Emission Cap** | **$SO_2$** | **0.04** | **0.19** |
| PORTFLARE | Portable Flares | $NO_x$ | 11.60 | 4.99 |
| | | CO | 23.16 | 9.96 |
| | | VOC | 86.98 | (9) |
| | | BZ | 29.30 | (13) |
| **Boilers and Turbines** | | | | |
| S-2 | Boiler S-2 [(14) Source: PBR Reg. 71166] | VOC | 0.11 | 0.11 |
| | | $NO_x$ | 0.16 | 0.16 |
| | | CO | 0.35 | 0.35 |
| | | PM | 0.03 | 0.03 |
| | | $SO_2$ | 0.06 | 0.06 |
| **Individual Marine Loading Docks** | | | | |
| SD-6, SD-7 | Ship Dock 6, Ship Dock 7 [(14) Source: PBR Reg. 48635] | VOC | 0.08 | 0.03 |
| SD-8 | Ship Dock 8 [(14) Source: PBR Reg. 41029] | VOC | 4.55 | 4.85 |

EMISSION SOURCES - EMISSIONS CAPS AND INDIVIDUAL EMISSION LIMITATIONS

AIR CONTAMINANTS DATA

| Emission Point No. (1) | Source Name (2) | Air Contaminant Name (3) | Emission Rates * lb/hr | TPY |
|---|---|---|---|---|
| **Individual Railcar Loading Operations** | | | | |
| RCR-1 | Railcar Rack 1 [(14) Source: PBR Reg. 44160, X (Project No. 66375), and Documented (Non-registered) PBR] | VOC | 1.01 | 4.41 |
| **Individual Tank Truck Loading Operations** | | | | |
| TR-2 | Truck Rack 2 [(14) Source: PBR Reg. 52653] | VOC | 0.08 | 0.37 |
| **Individual Fugitive Areas** | | | | |
| FUG 100 | 100 Manifold Fugitives (4) (5) [(14) Source: PBR Reg. 73860; also includes Former EPN METER-CRUDE: Crude Oil Meter Station 1 Fugitives (4), (14) Sources: PBR Reg. 73860 and 77421] | VOC | 0.43 | 1.86 |
| FUG 200 | 200 Manifold Fugitives (4) [(14) Sources: PBR Reg. 51287, 51383, 77421, 78592, and 81089] | VOC<br>BZ | 0.80<br>0.08 | 3.41<br>0.28 |
| FUG 300 | 300 Manifold Fugitives (4) (5) [(14) Sources: PBR Reg. 47629 and 77421] | VOC<br>BZ | 0.04<br>0.01 | 0.13<br>0.01 |
| FUG 400 | 400 Manifold Fugitives (4) [(14) Sources: PBR Reg. 50048, 55908, 76993, and 77421] | VOC<br>BZ | 0.99<br>0.07 | 4.31<br>0.26 |
| FUG 600 | 600 Manifold Fugitives (4) | VOC | 0.04 | 0.18 |

EMISSION SOURCES - EMISSIONS CAPS AND INDIVIDUAL EMISSION LIMITATIONS

AIR CONTAMINANTS DATA

| Emission Point No. (1) | Source Name (2) | Air Contaminant Name (3) | Emission Rates * lb/hr | TPY |
|---|---|---|---|---|
| | (Source: Permit 51545) | BZ | 0.04 | 0.18 |
| KILGORE | Kilgore Equipment Fugitive Area (4) [(14) Source: PBR Reg. 77421] | VOC<br>BZ | 0.02<br>0.01 | 0.06<br>0.01 |
| PR FUG | PR FUG Equipment Fugitive Area (4) [(14) Source: PBR Reg. 77421] | VOC<br>BZ | 0.15<br>0.02 | 0.62<br>0.06 |
| FUG SD-1 | Ship Dock 1 Fugitive Area (4) [(14) Source: PBR Reg. 77076] | VOC<br>BZ | 0.11<br>0.01 | 0.47<br>0.05 |
| FUG SD-4/5 | Ship Dock 4/5 Fugitive Area (4) [(14) Source: PBR Reg. 77076] | VOC<br>BZ | 0.11<br>0.01 | 0.47<br>0.05 |
| FUG SD-6/7 (Formerly FUG G) | Ship Dock 6/7 Fugitive Area (4) [(14) Source: PBR Reg. 48635 and 77421] | VOC<br>BZ | 0.11<br>0.01 | 0.44<br>0.03 |
| FUG SD-8 (Formerly FUG F) | Ship Dock 8 Fugitive Area (4) [(14) Source: PBR Reg. 41029 and 77421] | VOC<br>BZ | 0.11<br>0.01 | 0.44<br>0.04 |
| FUG BD-B | Barge Dock B Fugitive Area (4) [(14) Source: PBR Reg. 77076] | VOC<br>BZ | 0.11<br>0.01 | 0.47<br>0.05 |
| FUG BD-D | Barge Dock D Fugitive Area (4) [(14) Source: PBR Reg. 77076] | VOC<br>BZ | 0.11<br>0.01 | 0.47<br>0.05 |
| FUG RCR-1 | Railcar Rack equipment Fugitives (4) [(14) Sources: PBR Reg. 44160, X (Project No. 66375), Documented (Non-registered) PBR, and 77421] | VOC | 0.07 | 0.26 |
| FUG TR - 1/2 | Truck Rack equipment Fugitives (4) [(14) Sources: | VOC<br>BZ | 0.06<br>0.02 | 0.21<br>0.02 |

EMISSION SOURCES - EMISSIONS CAPS AND INDIVIDUAL EMISSION LIMITATIONS

AIR CONTAMINANTS DATA

| Emission Point No. (1) | Source Name (2) | Air Contaminant Name (3) | Emission Rates * lb/hr | TPY |
|---|---|---|---|---|
| | PBR Reg. 52653,77076, and 77421] | | | |
| **Individual Oil/Water Separators** | | | | |
| OWS-2 | Oil/Water Separator 2 [(14) Source: PBR Reg. 55701] | VOC | 5.00 | 1.90 |
| **Individual Tanks** | | | | |
| 80-62 | Internal Floating Roof Tank [(14), Source: PBR Reg. 76993] | VOC<br>BZ | 8.29<br>0.42 | 2.11<br>0.09 |
| 80-64 | Internal Floating Roof Tank [(14), Source: PBR Reg. 76993] | VOC<br>BZ | 8.29<br>0.42 | 2.11<br>0.09 |
| 100-57 | Internal Floating Roof Tank (Source: Permit 51545) | VOC<br>BZ | 7.55<br>1.78 | 3.64<br>1.71 |
| 100-60 | Internal Floating Roof Tank [(14), Source: PBR Reg. 76993] | VOC<br>BZ | 7.65<br>0.38 | 3.01<br>0.13 |
| 100-61 | Internal Floating Roof Tank [(14), Source: PBR Reg. 76993] | VOC<br>BZ | 7.65<br>0.38 | 3.01<br>0.13 |
| 100-63 | Internal Floating Roof Tank [(14), Source: PBR Reg. 76993] | VOC<br>BZ | 7.65<br>0.38 | 3.01<br>0.13 |
| 175-59 | Internal Floating Roof Tank [(14), Source: PBR Reg. 55908] | VOC<br>BZ | 6.09<br>0.31 | 2.26<br>0.09 |
| 200-20 | Internal Floating Roof Tank [(14), Source: PBR Reg. 78592] | VOC<br>BZ | 5.66<br>0.28 | 4.37<br>0.19 |
| 200-56 | Internal Floating Roof Tank (5) [(14), Source: PBR Reg. 50048] | VOC | 2.01 | 2.67 |
| 200-57 | Internal Floating Roof Tank (5) [(14), Source: PBR Reg. 50048] | VOC | 2.01 | 2.67 |

EMISSION SOURCES - EMISSIONS CAPS AND INDIVIDUAL EMISSION LIMITATIONS

AIR CONTAMINANTS DATA

| Emission Point No. (1) | Source Name (2) | Air Contaminant Name (3) | Emission Rates * lb/hr | TPY |
|---|---|---|---|---|
| 200-58 | Internal Floating Roof Tank (5) [(14), Source: PBR Reg. 50048] | VOC | 2.01 | 2.67 |
| 300-25 | Internal Floating Roof Tank (Source: Permit 51545) | VOC | 5.16 | 11.53 |
| | | BZ | 0.55 | 0.81 |
| 390-23 | Internal Floating Roof Tank (5) [(14), Source: PBR Reg. 51287] | VOC | 4.31 | 3.91 |
| 390-24 | Internal Floating Roof Tank (Source: Permit 51545) | VOC | 4.31 | 3.91 |
| | | BZ | 0.29 | 0.65 |
| 390-25 | Internal Floating Roof Tank [(14), Source: PBR Reg. 78592] | VOC | 4.74 | 6.00 |
| | | BZ | 0.23 | 0.26 |
| 390-26 | Internal Floating Roof Tank [(14), Source: PBR Reg. 78592] | VOC | 4.74 | 6.00 |
| | | BZ | 0.23 | 0.26 |
| 390-27 | Internal Floating Roof Tank [(14), Source: PBR Reg. 78592] | VOC | 4.74 | 6.00 |
| | | BZ | 0.23 | 0.26 |
| 390-30 | Internal Floating Roof Tank [(14), Source: PBR Reg. 81089] | VOC | 4.74 | 4.70 |
| | | BZ | 0.23 | 0.13 |
| 390-31 | Internal Floating Roof Tank [(14), Source: PBR Reg. 81089] | VOC | 4.74 | 4.70 |
| | | BZ | 0.23 | 0.13 |
| 390-32 | Internal Floating Roof Tank [(14), Source: PBR Reg. 81089] | VOC | 4.74 | 4.70 |
| | | BZ | 0.23 | 0.13 |
| 390-33 | Internal Floating Roof Tank [(14), Source: PBR Reg. 81089] | VOC | 4.74 | 4.70 |
| | | BZ | 0.23 | 0.13 |
| 390-34 | Internal Floating Roof Tank [(14), Source: PBR Reg. 81089] | VOC | 4.74 | 4.70 |
| | | BZ | 0.23 | 0.13 |

EMISSION SOURCES - EMISSIONS CAPS AND INDIVIDUAL EMISSION LIMITATIONS

(1) Emission Point Identification - specific equipment designation or emission point number from plot plan.
(2) Specific Point Source Name - use area name or fugitive source name for fugitive area sources
(3) VOC - volatile organic compounds as defined in Title 30 Texas Administrative Code § 101.1 (30 TAC § 101.1)
BZ - benzene
$NO_x$ - total oxides of nitrogen
CO - carbon monoxide
PM - particulate matter, suspended in the atmosphere, including $PM_{10}$
$PM_{10}$ - particulate matter equal to or less than 10 microns in diameter. Where PM is not listed, it shall be assumed that no particulate matter greater than 10 microns is emitted.
$SO_2$ - sulfur dioxide
(4) Fugitive emissions are an estimate only and should not be considered as a maximum allowable emission rate.
(5) Emission rates were calculated based on the permit by rule requirements at the time of submittal to Texas Commission on Environmental Quality (TCEQ); i.e., only VOC emissions are quantified. Estimated rates of benzene emissions from these sources would be based on the 'Emissions of Crude Oil and Refinery Petroleum Fractions Containing Less Than 10 percent Benzene,' defined in Table 478 of 30 TAC § 106.478.

***VOC Emission Caps:***

(6) Overall VOC Cap (lb/hr) - Applicable only to the hourly VOC emissions from routine operations of the permitted sources for which no individual emission rate is specified by this permit. This emission rate limit includes the overall BZ lb/hr cap defined in (10) but does not authorize emissions of this constituent greater than its specified cap.
(7) The maintenance, startup, and shutdown (MSS) VOC Cap (lb/hr) - Separate from the Overall VOC Cap (lb/hr), applicable only to the total VOC emissions from the standing idle, re-filling, and de-gassing periods of the roof landing operations conducted for any combination of IFR vessels authorized by this permit. The maximum value of the overall MSS VOC lb/hr cap is compound-specific, and determined by the equation in Special Condition No. 19 with use of 0.80 as the value of the specified factor (note: the value of the factor in Special Condition No. 19, i.e., 0.75, applicable only to re-fill emissions). The MSS VOC (lb/hr) limit includes the MSS BZ lb/hr cap defined in (11) but does not authorize emissions of this constituent greater than its specified cap.
(8) Overall VOC Cap (TPY) - Applicable only to the annual VOC emissions from ( a) the routine operations of the permitted sources for which no individual emission rate is specified by this permit, and ( b) the MSS operations covered by the emissions authorizations in the MSS VOC Cap (TPY) (i.e., the MSS VOC Subcap is a component of the overall VOC Cap, but is applicable only to the MSS operations, including those associated with tank roof landings, of the permitted sources). *The Overall VOC (TPY) limit includes the Overall BZ TPY cap defined in (12) but does not authorize emissions of this constituent greater than its specified cap.*

EMISSION SOURCES - EMISSIONS CAPS AND INDIVIDUAL EMISSION LIMITATIONS

(9) The MSS VOC Cap (TPY) - A subcap within the Overall VOC Cap (TPY), applicable only to the annual VOC emissions from (a) the standing idle, re-filling and de-gassing periods of the roof landing operations conducted for any combination of IFR vessels authorized by this permit, and (b) the flares used to control these emissions. The MSS VOC (TPY) limit includes the MSS BZ TPY cap defined in (13) but does not authorize emissions of this constituent greater than its specified cap.

***Benzene Emission Caps:***

(10) Overall BZ Cap (lb/hr) - Applicable only to the hourly benzene emissions from the routine operations of the permitted sources for which no individual emission rate is specified by this permit.

(11) The MSS BZ Cap (lb/hr) - Separate from the Overall BZ Cap (lb/hr), applicable only to the total benzene emissions from the standing idle, re-filling, and de-gassing periods of the roof landing operations conducted for any combination of IFR vessels authorized by this permit. The maximum allowable emission rate value (59.82 lb/hr) of the MSS BZ lb/hr cap is based on this compound's worst-case emission scenario.

(12) Overall BZ Cap (TPY) - Applicable only to the annual benzene emissions from (a) the routine operations of the permitted sources for which no individual emission rate is specified by this permit, and (b) the MSS operations included in the MSS BZ Cap (TPY).

(13) The MSS BZ Cap (TPY) - A subcap within the Overall BZ Cap (TPY), applicable only to the annual benzene emissions from (a) the standing idle, re-filling and de-gassing periods of the roof landing operations conducted for any combination of IFR vessels authorized by this permit, and (b) the flares used to control these emissions.

(14) This emission source has been consolidated by incorporation into Flexible Permit Number 5631 as prescribed in the TCEQ Interoffice Memorandum dated September 26, 2006.

(15) As referenced in Special Condition No. 14, the following are existing, unmodified IFR storage tanks per this permit's MAERT dated February 10, 2009: 27-14, 27-15, 80-7, 80-10, 80-12, 80-43, 80-44, 80-45, 80-46, 100-47, 100-48, 100-49, 100-54, 100-55, 100-56, 100-58, 100-59, 150-9, 150-40, 150-41, 150-42, 200-8, 200-11, 200-51, 200-53, 250-50, 250-52, 260-5, 260-6, 300-1, 300-2, 300-3, 300-4, 300-21, 300-22, C80-4, LD-111, LD-112, LD-113, LD-114, TH-501, and TH-502 from the Overall VOC Emission Cap. Also included are Tanks 80-62, 80-64, 100-57, 100-60, 100-61, 100-63, 175-59, 200-20, 200-56, 200-57, 200-58, 300-25, 390-23, 390-24, 390-25, 390-26, 390-27, 390-30, 390-31, 390-32, 390-33, and 390-34 from the MAERT Section labeled "Individual Tanks". **(12/09)**

* Emission rates are based on and the facilities are limited by the following maximum operating schedule:

Hrs/day ___ Days/week ____ Weeks/year ____ or Hrs/year 8,760

EMISSION SOURCES - EMISSIONS CAPS AND INDIVIDUAL EMISSION LIMITATIONS

Date December 23, 2009