

Emission Sources - Maximum Allowable Emission Rates

Permit Number 1980 and PSDTX1472

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, sources, and related activities. Any proposed increase in emission rates may require an application for a modification of the facilities covered by this permit.

Air Contaminants Data

Emission Point No. (1)	Source Name (2)	Air Contaminant Name (3)	Emission Rates	
			lbs/hour	TPY (4)
65	Storage Tank 65	VOC	21.13	3.55
66	Storage Tank 66	VOC	31.61	2.13
131	Storage Tank 131	VOC	21.08	6.02
133	Storage Tank 133	VOC	21.21	6.62
204	Storage Tank 204	VOC	17.38	4.65
205	Storage Tank 205	VOC	18.07	7.96
1515	Storage Tank 1515 (9)	VOC	19.47	6.87
1521	Storage Tank 1521 (9)	VOC	18.30	10.43
1522	Storage Tank 1522 (9)	VOC	14.56	5.88
1523	Storage Tank 1523 (9)	VOC	14.57	5.93
1524	Storage Tank 1524 (9)	VOC	14.57	5.93
1525	Storage Tank 1525 (9)	VOC	14.59	5.89
1526	Storage Tank 1526 (9)	VOC	14.57	5.93
1527	Storage Tank 1527 (9)	VOC	14.59	5.89
1529	Storage Tank 1529	VOC	11.62	7.54
1530	Storage Tank 1530	VOC	11.62	7.54
1531	Storage Tank 1531	VOC	11.51	7.09
1532	Storage Tank 1532	VOC	11.62	7.54
1533	Storage Tank 1533	VOC	13.75	9.49
1534	Storage Tank 1534	VOC	14.90	14.44
1537	Storage Tank 1537	VOC	13.94	6.60
1538	Storage Tank 1538	VOC	13.94	6.60
1539	Storage Tank 1539	VOC	13.82	6.44

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1540	Storage Tank 1540	VOC	13.86	6.40
1541	Storage Tank 1541	VOC	8.77	10.08
1542	Storage Tank 1542	VOC	8.77	10.08
1543	Storage Tank 1543	VOC	9.78	6.56
1544	Storage Tank 1544	VOC	9.78	6.56
1545	Storage Tank 1545	VOC	9.78	6.56
1546	Storage Tank 1546	VOC	8.68	9.97
1547	Storage Tank 1547	VOC	14.02	6.81
1548	Storage Tank 1548	VOC	12.50	7.01
1549	Storage Tank 1549	VOC	12.50	7.01
1550	Storage Tank 1550	VOC	12.50	7.01
1551	Storage Tank 1551	VOC	8.49	9.39
1552	Storage Tank 1552	VOC	8.71	10.08
1553	Storage Tank 1553	VOC	12.35	6.41
1554	Storage Tank 1554	VOC	8.71	10.08
1555	Storage Tank 1555	VOC	12.50	6.96
1556	Storage Tank 1556	VOC	14.54	19.35
1557	Storage Tank 1557	VOC	14.54	19.35
1558	Storage Tank 1558	VOC	9.94	9.21
1559	Storage Tank 1559	VOC	9.02	10.60
1560	Storage Tank 1560	VOC	9.02	10.60
1561	Storage Tank 1561	VOC	9.02	10.60
1562	Storage Tank 1562	VOC	8.99	10.51
1563	Storage Tank 1563	VOC	8.68	10.37
1564	Storage Tank 1564	VOC	8.68	10.37
1565	Storage Tank 1565	VOC	8.68	10.37
1566	Storage Tank 1566	VOC	8.95	10.25
1567	Storage Tank 1567	VOC	8.95	10.25

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1568	Storage Tank 1568	VOC	8.95	10.25
1569	Storage Tank 1569	VOC	8.99	10.37
1570	Storage Tank 1570	VOC	8.99	10.37
1571	Storage Tank 1571	VOC	8.99	10.37
1572	Storage Tank 1572	VOC	7.28	7.37
1573	Storage Tank 1573	VOC	8.95	10.25
1574	Storage Tank 1574	VOC	1.46	6.17
1575	Storage Tank 1575	VOC	1.46	6.17
1576	Storage Tank 1576	VOC	7.36	7.62
1577	Storage Tank 1577	VOC	7.36	7.62
1578	Storage Tank 1578	VOC	7.36	7.62
1579	Storage Tank 1579	VOC	7.36	7.62
1580	Storage Tank 1580	VOC	7.36	7.62
1581	Storage Tank 1581	VOC	7.36	7.62
1582	Storage Tank 1582	VOC	7.36	7.61
1583	Storage Tank 1583	VOC	7.36	7.61
1584	Storage Tank 1584	VOC	7.36	7.61
1589	Storage Tank 1589	VOC	7.28	7.40
1590	Storage Tank 1590	VOC	8.79	7.69
1591	Storage Tank 1591	VOC	8.79	7.69
1592	Storage Tank 1592	VOC	8.79	7.69
2015-D	Storage Tank 2015-D	VOC	8.95	10.25
2015-E	Storage Tank 2015-E	VOC	8.95	10.25
2015-F	Storage Tank 2015-F	VOC	8.95	10.25
2015-G	Storage Tank 2015-G	VOC	8.95	10.25
2015-H	Storage Tank 2015-H	VOC	8.95	10.25
2015-I	Storage Tank 2015-I	VOC	8.95	10.25
2015-J	Storage Tank 2015-J	VOC	8.95	10.25

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1593	Storage Tank 1593	VOC	8.95	10.25
1594	Storage Tank 1594	VOC	8.95	10.25
2015-M	Storage Tank 2015-M	VOC	8.95	10.25
2015-N	Storage Tank 2015-N	VOC	8.95	10.25
2015-O	Storage Tank 2015-O	VOC	8.95	10.25
2015-Q	Storage Tank 2015-Q	VOC	8.95	10.25
2015-R	Storage Tank 2015-R	VOC	8.95	10.25
TANKCAP	Annual Emission Cap	VOC (6)		590.00
F-TRML	Process Fugitive Emissions (5)	VOC	9.70	42.48
DEGAS	Uncontrolled Tank Degassing (7)	VOC	311.97	6.58
COMBUST	Portable Vapor Combustor	CO	69.82	3.87
COMBUST	Portable Vapor Combustor	NO _x	34.97	1.94
		SO ₂	0.15	0.01
		VOC (8)	233.25	9.85

- (1) Emission point identification - either specific equipment designation or emission point number from plot plan.
- (2) Specific point source name. For fugitive sources, use area name or fugitive source name.
- (3) VOC - volatile organic compounds as defined in Title 30 Texas Administrative Code § 101.1
NO_x - total oxides of nitrogen
SO₂ - sulfur dioxide
CO - carbon monoxide
- (4) Compliance with annual emission limits (tons per year) is based on a 12 month rolling period.
- (5) Emission rate is an estimate and is enforceable through compliance with the applicable special condition(s) and permit application representations.
- (6) This is the maximum allowable rolling twelve month combined emission rate from routine storage and roof landings for all floating roof storage tanks covered by this permit, except those tanks excluded by (9). Each storage tank is also subject to its individually listed hourly and annual VOC emission rate for routine storage. In addition, the total annual VOC emission rate from all of the floating roof storage tanks, except those tanks excluded by (9), shall not exceed the listed EPN TANKCAP emission limit.
- (7) These are maximum VOC emissions for floating roof storage tank degassing to the atmosphere. Hourly emissions are based on no more than one floating roof storage tank being degassed to the atmosphere at any one time. Annual emissions are based on up to 20 floating roof storage tanks being degassed to the atmosphere in any 12 month period. Annual emissions are for a rolling 12 month basis.

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- (8) These are maximum VOC emissions from the venting of planned landing, degassing and refloating emissions to the portable vapor combustor. Hourly emissions are based on emissions from no more than two floating roof storage tanks being vented to the portable vapor combustor at any one time. Annual emissions are for a rolling 12 month basis.
- (9) These tanks are not part of the emission cap (EPN TANKCAP) and have standalone emission rates. The tanks are scheduled for demolition.

Date: May 22, 2018