

Table II A 1 - Permitted Sources (New Source Review)

Each of the following sources has been issued a permit to operate pursuant to the requirements of BAAQMD Regulation 2, Permits. The capacities in this table are the maximum allowable capacities for each source, pursuant to Standard Condition J.1 and Regulation 2-1-301. All combustion sources are fired on natural gas or refinery fuel gas, except where noted in permit conditions.

Source Number	Description	Make or Type	Model	Capacity	Annual Throughput Limits	Daily Throughput Limits	Units	Basis
S-3202	Tank	External Floating Roof	N/A	4267K gal	74,000,000	N/A	Bbl hydrocarbon stock other than methanol with a vapor pressure <2.6 psia	Conditioned annual throughput, P/C# 13364 CFP

VI. PERMIT CONDITIONS

Condition #13364

For S – 3202:

S-3202 Tank Methanol Storage Tank

- ~~1. Deleted.~~
- ~~2. Throughput for non exempt stocks shall not exceed 700,000,000 MBbls in any consecutive 12 month period. (basis: cumulative increase)~~
- ~~3. The owner/operator of S 3202 may store petroleum hydrocarbon stocks other than methanol as long as the True Vapor Pressure is 2.6 psia or less, and the toxic risk from the tank does not increase. (basis: cumulative increase and toxics)~~
- ~~4. All gauge wells shall have no slot above the liquid level. (basis: cumulative increase)~~

COND# 13364 -----

Operation of S-3202 Methanol Storage Tank, 150,000 BBL, is subject to the following conditions:

- 1. The owner/operator of S-3202 shall not exceed 4,000,000 barrels throughput of non-exempt stock in any consecutive 12 month period. (BACT)**
- 2. The owner/operator may store petroleum hydrocarbon stocks other than methanol as long as the true vapor pressure is 8.33 psia or less and emissions of toxic compounds do not exceed any risk screening trigger level. (BACT)**
- 3. The owner/operator of S-3202 shall not store any materials with a benzene concentration that exceeds 8.1% by weight. In order to demonstrate compliance with this condition the owner/operator shall conduct quarterly tests to determine the benzene concentration. The owner/operator of S-3202 may use specification sheets when available instead of quarterly testing. (toxics)**
- 4. The owner/operator of S-3202 external floating roof**

tank shall be equipped with a liquid mounted primary seal and a zero-gap secondary seal. There shall be no ungasketed roof fittings. Except for roof legs, each roof fitting shall be of the design, which yields the minimum roof fitting losses. The following list indicates the type of control required for a variety of typical roof fittings. Control techniques for roof fittings not included in this list shall be subject to District approval. (BACT)

Fitting Type	Control Technique
Access hatch	Bolted cover, gasketed
Guide pole/Well	unslotted guide pole, gasketed sliding cover with wiper; or slotted with a liner from the top of the well to below the roof when landed on its legs
Gauge float well	bolted cover, gasketed
Gauge hatch/ Sample well	Weighted mechanical actuation, gasketed
Vacuum breaker	Weighted mechanical actuation, gasketed
Roof drain	Roof drain does not drain Water into product
Roof leg	Fixed; or Adjustable, with vapor seal boot, or gasket between roof leg and leg sleeve
Rim vent	Weighted mechanical actuation, gasketed

5. The owner/operator of S-3202 shall maintain a district approved log of all throughput, vapor pressure, and either specification sheets or quarterly tests for benzene concentrations for all materials stored in S-3202. This log shall be kept on site for at least 5 years from the date of entry and be made available to district staff upon request. (record keeping)

Table VII.F.1.10 Tanks
Applicable Limits and Compliance Monitoring Requirements

External Floating Roof Tanks Cluster 23

S-3202,

Type of Limit	Citation of Limit	FE Y/N	Future Effective Date	Limit	Monitoring Requirement Citation	Monitoring Frequency (P/C/N)	Monitoring Type	
Throughput	Condition #13364, part 1	Y		throughput of non-exempt stocks shall not exceed 700,000 barrels during consecutive 12-month period	S-3202			
Throughput	Condition #13364, part 1	Y		throughput of non-exempt stocks shall not exceed 4,000,000 barrels during consecutive 12-month period	S-3202			
	Condition #13364, part 2	Y		Vapor pressure not to exceed 8.33 psia	S-3202 Condition #13364 part 5	P/Q	Record	keeping
	Condition #13364 part 3	N		Benzene concentration not to exceed 8.1% wt	S-3202 Condition #13364 part 3	P/Q	Material testing or spec sheet	record keeping