

API 12F

12th vs. 13th Editions

12th Edition

Each tank will have the following connections:

- 8" connection for Thief Hatch **to be bolted directly to tank roof**
- 3" or 4" **coupling connection** for Tank Vent / Vent Line
- **No specific recommendation for Emergency Vent connection size**

Tank Design Pressure and Vacuum varies by tank size:

- MAWP = ranges from 8 to 16 oz/in² (12 to 24 oz in Emergency)
- MAWV = 0.5 oz/in² (does not change for emergency case)

- **Changes intended to help operators design and implement tank venting systems that comply with current environmental regulations**

- **Changes are not retroactive and will apply only to tanks that are constructed according to the 13th edition**

13th Edition

Each tank will have the following flanged connections:

- 8" connection for Gauge / Thief Hatch
- 4" or 6" connection for Tank Vent
- 8", 10", or 12" connection for Emergency Vent (optional if tank is in "remote" location)

Tank Design Pressure and Vacuum increased:

- MAWP = 16 oz/in² (24 oz in Emergency)
- MAWV = 1.0 oz/in² (1.5 oz/in² in Emergency)
- Applies to all sizes

New tank size added

- 1,000 bbl (15.5'OD x 30'H)

Changes to plate thickness - base and shell