



Full service provider of liquid and dry bolted storage tank systems

Geodesic Dome Roofs

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Tarsco Bolted Tank is the industry leader providing advanced bolted storage tank solutions with the highest level of engineering, manufacturing, and construction. One of our sought-after solutions includes utilizing free span aluminum geodesic dome roofs. This dome roof solution provides a virtually maintenance free option for any above ground storage tank or water basin requiring vapor suppression or environmental control.

Great significance is paid to the American API 650 App. G standard recommended for the petroleum industry or chemical industry which is accepted in most countries all over the world. VaconoDomes are fabricated through the use of computer guided CNC and plasma cutting machinery allowing for minimal tolerances and easy erection on site. They are manufactured from a variety of aluminum alloys and stainless steel materials and undergo strict quality control procedures from the purchase of raw materials to the dispatch of the completed product.

VaconoDomes are utilized by leading product storage companies around the globe to create a roof that will withstand wind and snow loads. Notable advantages of using this product are many. A VaconoDome:

- can replace existing (corroded) steel roofs
- has a totally clear span

• can be used for new tanks

- requires no maintenance
- can be installed on existing external floating roof tanks
- does not need reinforcement of the tank shell or tank foundation

Installation can be performed in different ways: on the ground outside the tank, inside the tank on the tank floor, on the external floating roof inside the tank, or using the jacking method.

With Tarsco Bolted Tank's decades of experience providing state-of-the-art bolted tank solutions, the VaconoDome roof is one more component we offer customers to construct economical, high quality storage tanks. Contact us for more information.

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