



Methane gas storage tank

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Replacing an atmospheric pressure storage tank with a pressurized storage tank and ...

(Barry Byers)

Because it's virtually identical to natural gas, methane's role in our world's economy is becoming increasingly necessary and important. Methane can actually replace natural gas. It can be used to run generators or in heating facilities.

Where/How do we get methane we so sorely need? Many processes across the world generate methane. But currently, most methane comes from sewage treatment plants. They produce it, then store it in specially designed methane storages.

Monolithic has been building methane storages for city sewage treatment plants, in various locations, for more than 25 years. See a sample of Monolithic's Dystor methane storage projects.

Our world today demands the use of more methane and more methane use demands more methane storage. The cattle industry produces huge amounts of methane, that, in the past, was simply released into the atmosphere. Now companies are building digesters to digest cattle waste. Methane is first stored and then burned in big generators, and the leftover waste is then used as fertilizer. This is far more beneficial to our world than just allowing the methane to drift into the sky. Methane is considered far more harmful to our environment than carbon dioxide.

Huge composting sites that cover hundreds of acres are also producing methane. The waste from our civilization is composted and, where possible, methane is captured and stored for use in generators and/or heating.

Today we have companies that can take waste tires and sublimate them. In one step, they actually convert the tire from a solid to a gas. Obviously tire parts, such as the steel cording, don't get turned into methane, but the biggest part of the tire is transformed into methane that can then be utilized for power. This same thing happens with virtually every other organic waste product.

We are beginning to see more such projects, along with methane storages, used at many locations, and many more on the drawing boards.

Monolithic designs and builds methane storages. They are shaped as three-fourths of a sphere with a flat bottom attached to a flat concrete pad.

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They consist of two Monolithic Airforms. The outer Airform is kept inflated at all times. It protects the inner Airform and provides the space that the inner Airform needs in order to operate.

Monolithic's 25 years of experience in designing and building a methane storage that meets the needs of a specific project is an immense advantage to the customer.

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