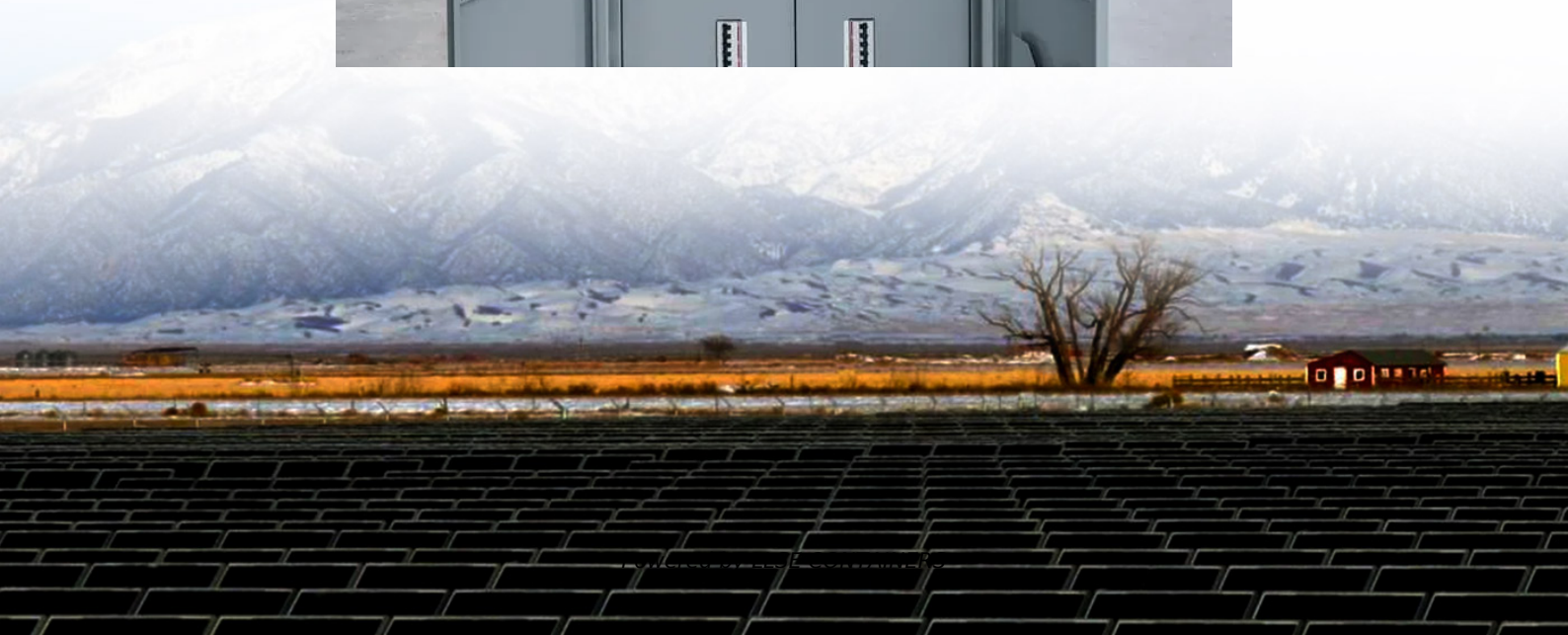


Low-pressure type folding containers for chemical plants





Overview

What are intermediate bulk containers used for?

Intermediate bulk containers are often used to store particularly dangerous chemicals, but they can also be used to house other pharmaceutical products like edible liquids and lubrication. As they can be reused and recycled relatively easily, they're one of the more environmentally-friendly packaging solutions for chemicals.

What are the different types of low pressure storage tanks?

Common types include cylindrical shell, hemispheroidal, spheroidal, and noded spheroidal tanks, with cylindrical-shell tanks being the most prevalent. How useful is this definition?

You might find these chapters and articles relevant to this topic. Some typical low pressure storage tanks are shown in Figure 22.3 (g)- (i).

What is flexible packaging?

Sometimes, flexible packaging is called for to meet specific storage and transportation needs or to accommodate chemicals in powdered or granulated form. There are many types of flexible intermediate container (FIBC) bags that can be used to store and ship chemicals and hazardous contents safely.

What is a high pressure hydrogen storage tank?

The state of the art for hydrogen storage tanks are CFRP-tanks (Carbon Fiber Reinforced Polymer) with a pressure level of 350 or 700 bar. The assembly of such a tank is explained in more detail below. One very important design aspect for such high-pressure storage tanks is to ensure that hydrogen cannot diffuse out of the tank over time.



Low-pressure type folding containers for chemical plants



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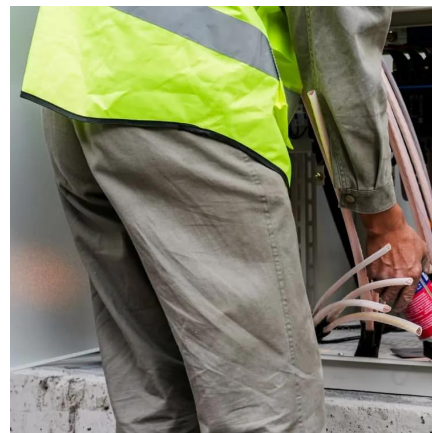
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