

Liquefied hydrogen loading/unloading terminal (~ 10,000 m³ storage tank)

Advanced thermal insulation technology achieves the world's lowest boil off gas rate

The boil off gas rate is significantly reduced in the liquefied hydrogen tank, which is the main component of the terminal. In addition to the liquefied hydrogen tank, the components of terminal (loading system, transport piping, etc.) have a vacuum insulation structure to minimize the boil off gas of liquefied hydrogen.

Boil off gas rate of liquefied hydrogen tank

Item	Conventional tank	New tank
Boil off gas rate (% per day)	0.18 or less	0.1 or less

Largest liquefied hydrogen tank in Japan (2500m³)



