

LIQUEFIED NATURAL GAS STORAGE TANK AND INSULATING WALL SECURING DEVICE FOR LIQUEFIED NATURAL GAS STORAGE TANK

【ABSTRACT】

The present invention relates to: a liquefied natural gas (LNG) storage tank, which has insulating wall securing devices for the LNG storage tank installed at the optimum position, thus is stable with respect to thermal contraction, and may require a minimum number of insulating wall securing devices; and an insulating wall securing device for an LNG storage tank. One embodiment of the present invention provides a storage tank for storing LNG therein, comprising: a first sealing wall coming into contact with the LNG stored in the storage tank, for liquid-tight sealing the LNG; a first insulating wall disposed below the first sealing wall, for insulating the LNG; a second insulating wall disposed in the inner wall of the storage tank, for insulating the LNG; a plurality of first insulating wall securing devices for securing the first insulating wall and the second insulating wall, wherein the plurality of first insulating wall securing devices are provided at the vertex of the first insulating wall.

Fig. 10