

ABSTRACT

A liquefied gas storage tank according to the present invention is a storage tank for storing a liquefied gas and comprises: a primary barrier that is in contact with the liquefied gas and forms a storage space for the liquefied gas; an insulation wall that is installed on a support structure and provided on the outside of the primary barrier; and an inert gas treatment unit that injects an inert gas into the insulation wall or discharges the liquefied gas leaking into the insulation wall. The primary barrier has corrugations that protrude toward the inside of the storage space, and the corrugations on vertical and bottom portions of the storage space are perpendicular to each other. The inert gas treatment unit is independently installed in a corner portion between the vertical and bottom portions and includes a corner line that causes the inert gas to be conveyed from the vertical portion to the bottom portion.

FIG. 1