

HEAT-INSULATING STRUCTURE AND HEAT-INSULATING TANK

ABSTRACT

Provided are a heat-insulating structure and a heat-insulating tank that enable damage to a thermal insulation panel and a support member thereof to be suppressed even when the thermal insulation panel is applied to the side surface of the tank.

A heat-insulating tank 1 according to a first embodiment of the present invention is a heat-insulating tank over the whole surface of which a heat-insulating structure 2 is formed, the heat-insulating structure 2 being installed on a side surface 1s of the heat-insulating tank 1 on the surface of which a support member 11 is disposed, the heat-insulating tank 1 including: a thermal insulation panel 3 that has, in a center section thereof, a fixed section 31 which is fixed to the support member 11; a first pad 4 that is disposed between the fixed section 31 and the side surface 1s of the heat-insulating tank 1; and a second pad 5 that is disposed in a position below the first pad 4 and between the side surface of the heat-insulating tank 1 and the thermal insulation panel 3.

Figure 4 (A) (B)