ABSTRACT

An ammonia gas leakage suppression method of the invention includes supplying, into a storage tank that stores liquefied ammonia, a low-temperature liquid having a temperature lower than stored liquefied ammonia stored in the storage tank in a state where the storage tank is opened, to suppress leakage of an ammonia gas to the outside of the storage tank. The low-temperature liquid is preferably liquid nitrogen or liquefied ammonia in a subcooled state. According to the invention, it is possible to provide an ammonia gas leakage suppression method capable of suppressing leakage of an ammonia gas to the outside of a storage tank that stores liquefied ammonia in a state where the storage tank is opened, and a liquefied ammonia storage apparatus capable of suppressing leakage of an ammonia gas to the outside of a storage tank that stores stored liquefied ammonia in a state where the storage tank is opened.

[FIG. 3]