

HVAC Temperature Control Units

Amended Guidance

Guidance for the Survey and Construction of Steel Ships Part R
Guidance for the Survey and Construction of Passenger Ships

Reason for Amendment

SOLAS regulation II-2/5 specifies that power ventilation is to be capable of being stopped from an easily accessible position outside the space being served in order to prevent the spread of fire. For this regulation, IACS developed UI SC148, which specifies that fan in a HVAC temperature control unit, etc., provided to circulate air within a cabin in passenger ships is not considered to be a ventilation fan subject to the above-mentioned regulation, if it is not capable of supplying outside air to the cabin. UI SC148 has already been incorporated into the ClassNK Rules.

As a result of more detailed discussions on the application of the UI, IACS adopted UI SC148(Rev.2) in September 2015, which specifies that fan in a HVAC temperature control unit, etc., and a circulation fan inside a cabinet and switchboard in cargo ship is, in the same manner as passenger ship, not considered to be a ventilation fan subject to SOLAS regulation II-2/5, if it is not capable of supplying outside air to the space.

Accordingly, relevant requirements were amended in accordance with UI SC148(Rev.2).

Outline of Amendment

Specified that, in cargo ships and passenger ships, fans which are intended for circulation of air within spaces or cabins and which are not capable of supplying outside air to said spaces or cabins need not be capable of being stopped from positions outside the spaces or cabins being served.