

Emergency Shut down Valves and Cargo Sampling Connections for Liquefied Gas Carriers

Amended Rules and Guidance

Rules for the Survey and Construction of Steel Ships Part B
Rules for the Survey and Construction of Steel Ships Part N
Guidance for the Survey and Construction of Steel Ships Part N

Reason for Amendment

In the wake of cargo leakage accident which occurred in 2006 on the gas carrier “ENNERDALE” during cargo sampling operations, the MAIB recommended that IACS discuss the development of preventive measures for such accidents. In response to this, IACS reviewed the requirements related to the design and inspection of emergency shutdown devices and the arrangement of the gas sampling connections for gas carriers, and adopted IACS Recommendation No.114 concerning the safety of emergency shutdown valves and gas sampling connections in June 2010.

Accordingly, relevant requirements have been amended in reference to IACS Recommendation No.114.

Outline of Amendment

- (1) It has been stipulated that open-up examinations and leakage testing for emergency shutdown valves shall be carried out during Special Survey.
- (2) It has been stipulated that emergency shutdown valves are to be provided with indicators to clearly show whether they are open or closed.
- (3) The requirements of piping systems for gas sampling devices have been amended.