

Standards Applicable to Explosion-protected Electrical Equipment, etc.

Amended Guidance

Guidance for the Survey and Construction of Steel Ships Part H

Reason for Amendment

The ClassNK Rules currently specifies that electrical apparatuses intended to be used in explosive gas atmospheres are to comply with IEC 60079, relevant JIS standards or the recommended practices issued by National Institute of Occupational Safety and Health in Japan (JNIOOSH) related to explosion-protected electrical equipment.

IEC 60079, however, was recently revised and the relevant JIS standards and JNIOOSH recommended practices were subsequently revised in response. Accordingly, relevant requirements were amended based upon these recent revisions to ensure they are consistent with these standards and recommended practices.

Outline of Amendment

- (1) Amended requirements regarding the recommended practices for explosion-protected electrical equipment issued by the JNIOOSH to reference the 2018 version of these practices.
- (2) Amended requirements regarding IEC standards for explosion-protected electrical equipment which can be installed in the zone 2 hazardous areas of tankers, etc. to reference the latest edition of said standards.

Amended Requirements

Guidance for the Survey and Construction of Steel Ships
Part H: H2.16.1, H4.2.4