

Dolski Rejestr Statków

RULES FOR THE CLASSIFICATION AND CONSTRUCTION OF SEA-GOING SHIPS

AMENDMENTS NO. 5/2013

to

**PART VIII
ELECTRICAL INSTALLATIONS
AND CONTROL SYSTEMS**

2007



GDAŃSK

Amendments No. 5/2013 to Part VIII – Electrical Installations and Control Systems – 2007 of the *Rules for the Classification and Construction of Sea-Going Ships* were approved by the PRS Board on 29 July 2013 and enter into force on 31 July 2013.

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PRS/AW, 07/2013

The following amendments to Part VIII – Electrical Installations and Control Systems – 2007 have been introduced:

1. Paragraph **2.2.3** has been amended to read:

2.2.3 Usage of materials that contain asbestos in installations (e.g. thermal insulating materials, electrical cable materials, cable penetration sealing, brake linings, circuit breakers arc chutes), including spare parts, is prohibited for all ships according to SOLAS Regulation II-1/3-5, IACS UI SC 249 as well as MSC.1/Circ.1374 and MSC.1/Circ.1379.

2. In subchapter **2.4**, paragraphs **2.4.3.7** and **2.4.3.8** have been added:

2.4.3.7 Cargo tanks and their process plant, including piping systems, are to have relevant connection with hull of the ship. Resistance between them and hull of the ship is not to be greater than 1 MΩ. In the case of lack of stable connection with the hull, bonding straps are to be used.

2.4.3.8 In the case of application of bonding straps, they are to be:

- clearly visible (in order to immediate verification of their failures);
- designed and installed in such way that they are protected against possible mechanical failures and corrosive atmosphere/products;
- easy for installation and replacement.

3. In subchapter **3.1**, paragraph **3.1.10** has been added:

3.1.10 Relevant parameters of sources and consumers of electrical power are to be presented in order to make necessary calculations for preparation of *Ship Energy Efficiency Management Plan* (SEEMP).

