

The use of FRP that have Electrostatic Properties

Amended Guidance

Guidance for the Survey and Construction of Steel Ships Part C

Reason for Amendment

It is specified in 1.2.1-2 of Annex C1.1.7-5 “Guidance for the Use of Fiber Reinforced Plastic (FRP)” of the Guidance for Part C of the Rules that all FRP products which have electrostatic properties are not to be used in hazardous areas. However, it is considered that the use of FRP products which have electrostatic is secure in follow cases where there are no materials nearby that have static or magnetic forces, the possibility of FRP products have electrostatic is small, and even if such FRP products take charge, there is no risk of explosion.

Accordingly, all relevant requirements have been amended in order to approve the use of FPR products which have electrostatic properties in limited locations provided that safety is not undermined by their use.

Outline of Amendment

It has been specified that the use of FRP products which have electrostatic properties may be permitted depending upon the location in which they are used.