Other Guidance (Guidance for Composite Propellers)

- For external opinion inquiries - 2021. 01.



Machinery Rule Development Team

- Main Amendments -

- (1) Enter into force on 1 July 2021 (the date of application for certification of products)
 - To reflect Request for Establishment/Revision of Classification Technical Rules

Present	Amendment	reason
CHAPTER 1 ~ CHAPTER 2 <omitted></omitted>	CHAPTER 1 ~ CHAPTER 2 <same as="" guidance="" present="" the=""></same>	
CHAPTER 3 INDIVIDUAL PRODUCT	CHAPTER 3 INDIVIDUAL PRODUCT	
Section 2 ~ Section 3 <omitted> Section 3 Product Inspection 301. Testing and Inspection 1. ~ 3. <omitted></omitted></omitted>	Section 2 ~ Section 3 <same as="" guidance="" present="" the=""> Section 3 Product Inspection 301. Testing and Inspection</same>	
 4. The following approval test of product inspection in addition to those specified in Pt 5 Ch 3 Sec 3 307. of the Rules and Guidance for the Classification of Steel Ships, test item, test method and acceptance criteria are to be conducted with attendance of the surveyor under the following requirements. (1) Test of fiber volume fraction and glass transition temperature (A) The test is carried out by extracting samples from any area in the propeller blade or the mould of the product. (B) Test method and acceptance criteria are to be conducted in accordance with the requirements in Table 2.3. (C) <new></new> 	 4. The following approval test of product inspection in addition to those specified in Pt 5 Ch 3 Sec 3 307. of the Rules and Guidance for the Classification of Steel Ships, test item, test method and acceptance criteria are to be conducted with attendance of the surveyor under the following requirements. (1) Test of fiber volume fraction and glass transition temperature (A) The test is carried out by extracting samples from any 	Classification Technical Rules (MRD4800-2-2021) When manufacturing a composite material product at the manufacturer's request, it is confirmed that there is an error in the glass transition temperature between some areas of the mold and between products according to the product location and thickness in the mold. The requirements were revised by
<hereafter, omitted=""></hereafter,>	<hereafter, as="" guidance="" present="" same="" the=""></hereafter,>	