

RULES FOR APPROVAL OF MANUFACTURERS AND SERVICE SUPPLIERS

Rules for Approval of Manufacturers and Service Suppliers
2021 AMENDMENT NO.1

Rule No.28 30 June 2021
Resolved by Technical Committee on 27 January 2021

ClassNK
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AMENDMENT TO THE RULES FOR APPROVAL OF MANUFACTURERS AND SERVICE SUPPLIERS

“Rules for approval of manufacturers and service suppliers” has been partly amended as follows:

Part 3 REQUIREMENTS FOR APPROVAL OF SERVICE SUPPLIERS

Chapter 1 GENERAL

1.1 General

Paragraph 1.1.1 has been amended as follows.

1.1.1 Application

1 This part applies to service suppliers listed as follows:

- (1) Firms engaged in thickness measurements on ships or mobile offshore units
- (2) Firms carrying out an in-water survey on ships and mobile offshore units by diver or Remotely Operated Vehicle
- (3) Firms engaged in inspection and testing of radio communication equipment
- (4) Firms engaged in performance testing of Voyage Data Recorders (hereinafter referred to as “VDRs”) and Simplified Voyage Data Recorders (hereinafter referred to as “S-VDRs”)
- (5) Firms engaged in inspection and maintenance of fire fighting equipment and systems
- (6) Firms engaged in servicing of life-saving appliances
- (7) Firms engaged in tightness testing of closing appliances such as hatches, doors etc. with ultrasonic equipment
- (8) Firms engaged in testing of coating systems (including such cases where paint manufacturers perform their own cross over testing)
- (9) Firms engaged in maintenance, thorough examination, operational testing, overhaul and repair of lifeboats and rescue boats, launching appliances and release gear
- (10) Firms engaged in examination of the bow doors, stern doors, side doors and inner doors of ro-ro ships
- (11) Firms engaged in luminance measurements of low location lighting systems
- (12) Firms engaged in sound pressure level measurements of general alarm and public address systems on board ships
- (13) Firms engaged in measurements of noise level onboard ships
- (14) Firms engaged in tightness testing of primary and secondary barriers of gas carriers with membrane cargo containment systems for vessels in service
- (15) Firms engaged in survey using remote inspection techniques as an alternative means for close-up survey of the structure of ships and mobile offshore units
- (16) Firms engaged in cable penetration inspection on ships and mobile offshore units

~~(167)~~ Firms other than those listed in (1) to ~~(156)~~ above

2 Firms listed in ~~-1(1)~~ through ~~(156)~~ are to comply with the requirements in this Part as well as the requirements in **Part 1**.

3 Firms listed in ~~-1(167)~~ are to comply with the requirements deemed appropriate by the Society as well as the requirements in **Part 1**.

4 Several servicing stations are owned by firms listed in ~~-1(1)~~ through ~~(156)~~, each station is to be assessed and approved, except as specified in **1.2.5-6** to **-9**.

Chapter 17 has been added as follows.

Chapter 17 FIRMS ENGAGED IN CABLE PENETRATION INSPECTION ON SHIPS AND MOBILE OFFSHORE UNITS

17.1 General

17.1.1 Application

This chapter applies to firms engaged in the inspection of cable penetrations (including penetrating cable types, dimensions, fill ration and insulation details as applicable) on ships and mobile offshore units for compliance with the relevant approval certificates and product installation manuals made by manufacturers.

17.1.2 Approval

1 The procedures of this chapter apply equally to manufacturers or shipyards when they are acting as service suppliers.

2 Any service supplier engaged in the inspection of cable penetrations is to be qualified in such inspections for each make and type of equipment for which they provide said service, and provide manufacturers with documentary evidence that they have been so authorised or certified in accordance with an established system for training and authorisation.

3 In cases where an equipment manufacturer is no longer in business or no longer provides technical support, service suppliers may be authorised for the equipment on the basis of prior authorisation for the equipment as well as their long-term experience and demonstrated expertise as an authorised service provider.

17.2 Quality Systems

17.2.1 Qualifications and Education, etc. for Personnel

1 Certification of personnel

Personnel are to be trained and qualified in accordance with a recognised national, international or industry standard as applicable, or a manufacturer's established certification program. In either case, the certification program is to be based on the provisions of this chapter for each make and type of equipment for which service is to be provided.

2 Education and training of personnel

(1) The education for initial certification of personnel is to be documented and address, as a minimum, the following (a) to (d):

(a) procedures and instructions for the inspection of cable penetrations;

(b) common problems found with the initial installation and in-service inspections of cable penetrations;

(c) relevant rules and regulations, including international conventions; and

(d) procedures for reporting on initial installation and in-service inspections of cable penetrations in the watertight cable penetration register.

(2) Education and training for personnel are to include practical technical training on actual inspection using the cable penetrations for which the personnel are to be certified. The technical training is to include disassembly, reassembly and adjustment of the equipment. Classroom training is to be supplemented by field experience in the operations for which certification is necessary, under the supervision of an experienced senior certified person.

3 Initial certification and renewal of certification

At the time of initial certification and at each renewal of certification, the supplier is to

provide documentation to verify an individual's satisfactory completion of a competency assessment using the equipment for which the personnel are certified.

4 Training for renewal of certification

The service supplier is to require refresher training as appropriate to renew the certification.

17.2.2 Requirements for firms

1 The service supplier is to have access to the following (1) and (2):

(1) manufacturer servicing manuals, servicing bulletins, instructions and training manuals as appropriate; and

(2) type approval certificates showing any conditions that may be appropriate during the installation or maintenance of the cable penetration.

2 The service supplier is to have access to sufficient tools, in particular any specialized tools as needed, for work to be carried out on board ship.

17.3 Reporting

17.3.1 Reporting

On completion of inspection, the service supplier is to issue a report confirming the condition of the cable penetration. In addition, the service supplier is to record the results of the inspection in the watertight cable penetration register.

EFFECTIVE DATE AND APPLICATION

1. The effective date of the amendments is 1 July 2021.