

RULES

FOR THE CLASSIFICATION AND CONSTRUCTION OF FLOATING OFFSHORE OIL-AND-GAS PRODUCT UNITS

PART IX MACHINERY

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**St. Petersburg
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RULES FOR THE CLASSIFICATION AND CONSTRUCTION OF FLOATING OFFSHORE OIL-AND-GAS PRODUCT UNITS

Rules for the Classification and Construction of Floating Offshore Oil-and-Gas Product Units (FPU) of Russian Maritime Register of Shipping (RS, the Register) have been approved in accordance with the established approval procedure and come into force on 1 January 2023.

The Rules are published in the following parts:

Part I "Classification";

Part II "Hull";

Part III "Equipment, Arrangements and Outfit";

Part IV "Stability";

Part V "Subdivision";

Part VI "Fire and Explosion Protection";

Part VII "Machinery Installations";

Part VIII "Systems and Piping";

Part IX "Machinery";

Part X "Boilers, Heat Exchangers and Pressure Vessels";

Part XI "Electrical Equipment";

Part XII "Refrigerating Plants";

Part XIII "Materials";

Part XIV "Welding";

Part XV "Automation";

Part XVI "General Requirements and Safety Principles".

The Rules supplement the Rules for the Classification and Construction of Sea-Going Ships, the Rules for the Classification and Construction of Mobile Offshore Drilling Units and the Rules for the Classification and Construction of Fixed Offshore Platforms.

REVISION HISTORY

(purely editorial amendments are not included in the Revision History)

Amended paras/chapters/ sections	Information on amendments	Number and date of the Circular Letter	Entry-into-force date
Annotation	Editorial amendment: references to the applicable requirements of the RS rules have been specified	—	01.09.2023
Paras 1.2, 2.1 — 2.3 and 3.2	Editorial amendment: references to the applicable requirements of the RS rules have been specified	—	01.09.2023

1 GENERAL

1.1 The requirements of this Part of the Rules for the Classification and Construction of Floating Offshore Oil and Gas Product Units¹ apply to the to machinery and equipment intended to provide operation of the floating offshore structure (FPU) and to ensure fulfillment of safety requirements.

1.2 The above machinery and equipment are subject to the applicable requirements of Part IX "Machinery" of the Rules for the Classification and Construction of Sea-Going Ships² and Part VII "Machinery Installations and Machinery" of the Rules for the Classification and Construction of Mobile Offshore Drilling Units³ and the Rules for the Classification and Construction of Fixed Offshore Platforms⁴.

¹ Hereinafter referred to as "the FPU Rules".

² Hereinafter referred to as "the RS Rules/C".

³ Hereinafter referred to as "the MODU Rules".

⁴ Hereinafter referred to as "the FOP Rules".

2 GENERAL REQUIREMENTS

2.1 POWER OF MAIN MACHINERY

2.1 Internal combustion engines intended to operate on FPU shall meet the requirements specified in Sections 2 and 9, Part IX "Machinery" of the RS Rules/C.

2.2 Auxiliary machinery shall meet the requirements specified in Section 5, Part IX "Machinery" of the RS Rules/C.

2.3 Deck machinery shall meet the requirements specified in Section 6, Part IX "Machinery" of the RS Rules/C.

2.4 All the external rotating parts of machinery shall be protected with casings.

2.5 Where the equipment with high noise level is used measures shall be taken to protect personnel from the noise.

2.6 Machinery, equipment and pipelines with surface temperatures exceeding 220 °C shall be insulated.

3 ARRANGEMENT OF MACHINERY AND EQUIPMENT

- 3.1** Installation of internal combustion engines in hazardous spaces is not allowed.
- 3.2** Arrangement of machinery and equipment shall comply with the requirements specified in Section 4, Part VII "Machinery Installations" of the FPU Rules.

Russian Maritime Register of Shipping

**Rules for the Classification and Construction of Floating
Offshore Oil-And-Gas Product Units
Part IX
Machinery**

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