

# RULES

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

### PART X

#### BOILERS, HEAT EXCHANGERS AND PRESSURE VESSELS

ND No. 2-020201-024-E



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

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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 and the Rules for the Classification, Construction and Equipment of Mobile Offshore Drilling Units and Fixed Offshore Platforms.

**REVISION HISTORY**

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

For this version, there are no amendments to be included in the Revision History.

## **1 GENERAL**

**1.1** The scope of technical supervision, materials used, strength of structural elements, heat treatment and scope of testing of boilers, heat exchangers and pressure vessels shall comply with the requirements of Sections 1 and 2, Part X "Boilers, Heat Exchangers and Pressure Vessels" of the Rules for the Classification and Construction of Sea-Going Ships<sup>1</sup>.

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<sup>1</sup> Hereinafter referred to as "the Rules for the Classification".

## **2 BOILERS**

**2.1** Boilers, their oil burning equipment, control, regulation, protection and alarm systems shall comply with the requirements of Sections 3 to 5, Part X "Boilers, Heat Exchangers and Pressure Vessels" of the Rules for the Classification.

### **3 HEAT EXCHANGERS AND PRESSURE VESSELS**

**3.1** Heat exchangers and pressure vessels shall comply with the requirements of Section 6, Part X "Boilers, Heat Exchangers and Pressure Vessels" of the Rules for the Classification.

Russian Maritime Register of Shipping

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

**Part X**

**Boilers, Heat Exchangers and Pressure Vessels**

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