

ICS 13.100
CCS E09



**NATIONAL STANDARD OF THE
PEOPLE'S REPUBLIC OF CHINA**

GB 40554.2-2025

**Code of safety practice for offshore oil & gas exploration and
production - Part 2:Offshore**

海洋石油天然气开采安全规程 第2部分：海上部分

Issued on: May 30, 2025

Implemented on: December 1, 2025

**Issued by: State Administration for Market Regulation;
Standardization Administration of China**

Table of Contents

1 Scope	1
2 Normative references	1
3 Terms and Definitions	1
4 Basic Requirements	2
5 Offshore oil production facilities	2
5.1 Fixed offshore platforms	2
5.2 Subsea pipelines	4
5.3 Floating Production Storage and Offloading Units	5
5.4 Mobile production platform	7
6 Offshore oil operation facilities	8
6.1 Geophysical exploration ship (airgun seismic source ship)	8
6.2 Self-elevating drilling (repair) platform	8
6.3 Semi-submersible drilling platform	8
6.4 Crane Ship	8
6.5 Pipelay vessel	9
6.6 Marine life and operation support facilities	9
7 Job Management	9
7.1 Geophysical exploration	9
7.2 Drilling Operations	10
7.3 Mud logging operations	11
7.4 Well logging operations	11
7.5 Underground Operations	12
7.6 Offshore installation operations	12
13 Reference	15

Foreword

This document is in accordance with the provisions of GB/T 1.1-2020 "Guidelines for standardization work Part

1. Structure and drafting rules for standardization documents" Drafting. This document is Part 2 of GB 40554 "Safety Code for Offshore Oil and Gas Exploitation". GB 40554 has been issued as follows: part. --Part

1 Scope

GB 40554.2-2025 is the Chinese national standard on code of safety practice for offshore oil & gas exploration and production - part 2:offshore, in the field of environment and health protection, safety. It carries no /T suffix, which in the Chinese system means compliance is mandatory: a product or a practice within its scope has to meet it to be lawfully made, sold or carried out in China. It was issued on 30 May 2025 by the State Administration for Market Regulation; Standardization Administration of China, and has been in force since 1 December 2025. Classification: ICS 13.100, CCS E09. This page is published from the official record of the standard held by the Chinese standards administration: the identification, the dates, the classification and the issuing body are taken from there. The clause text, the tables and the numeric limits are in the document itself, which is delivered complete in English translation.

This document specifies the safety production requirements for offshore oil and gas extraction operations. This document applies to the safety management of offshore oil and gas exploitation in waters with a charted water depth exceeding 5 m.

2 Normative references

The contents of the following documents constitute the essential clauses of this document through normative references in this document. For referenced documents without a date, only the version corresponding to that date applies to this document; for referenced documents without a date, the latest version (including all amendments) applies to This document.

GB 40554.1 Safety regulations for offshore oil and gas production Part

3 Terms and definitions

The terms and definitions defined in GB 40554.1 and the following apply to this document.

3.1 Manned platform A platform with living facilities, staffed during daily production, and staffed for on-site operations.

3.2 unmanned platform Platforms without living facilities, unattended in daily production, and unmanned on-site operations (excluding platforms with manned platforms and trestle bridges) connected platforms).

3.3 mobile production platform mobile production platform With movable legs, the platform can be raised to a certain height above the sea surface and lowered back to the sea surface, and can be repeatedly placed, floated and moved. It is a platform capable of carrying out oil, gas and water separation and treatment at sea and is equipped with oil, gas and water treatment equipment.

3.4 Lifting The process of lifting and installing structures such as catheter racks and modules. [Source: GB/T 14090-2020, 2.5.5]

3.5 Offshore living and operation support facilities Providing living conditions, transfer, power supply, material storage, mud transport, etc. or only having some of these functions Vessel or platform supporting the operation. Note

1. Ships are divided into powered and unpowered ships. Note

2. Platforms are classified into bottom-sitting, jack-up and semi-submersible types according to their form.