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CCS E09

SY

INDUSTRY STANDARD OF THE PEOPLE'S REPUBLIC OF CHINA

SY/T 10043-2002

Guide for pressure. relieving and depressuring systems

泄压和减压系统指南

(English Translation)

Issued on: May 28, 2002 **Implemented on: August 1, 2002**

Issued by: National Energy Administration

Preview: page 1 of 4 shown, 70 in the full document. Complete English PDF, instant download:
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Table of Contents

[Preview only]
1 Scope
2 Normative References
3 Terms and Definitions
4 General Principles and Requirements
4.1 General requirements
5 Design Conditions
5.1 Environmental Conditions
5.2 Design Cases
5.3 Vessel Parameters
6 Design Criteria
6.2 Design Life
6.3 SPM Location and Spatial Requirements
7 Design Requirements
7.1 Turret System
7.2 Mooring System
7.3 Mooring Foundation
7.4 Dynamic Risers and Umbilicals
8 Construction and Inspection
8.2 Construction Materials
8.3 Welding
8.4 Quality Control and Inspection
9 Offshore Installation
9.2 Installation of Mooring Foundation
9.3 Laying of Mooring Lines
9.4 Hook-up of Mooring Lines

1 Foreword

SY/T 10043-2002 was issued by National Energy Administration on 28 May 2002 and has been in force since 1 August 2002.

The SY/T prefix marks a recommended standard. It is not law in itself: it becomes binding

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when a contract names it, when a regulation or a mandatory standard refers to it, or when a producer declares conformity with it.

The document runs to 70 pages in English translation.

2 Scope Preview

This standard applies to pressure relief and steam pressure systems. Information provided is used to help choose in the event of a dangerous situation and the pressure relief system is ideal for a variety of devices. This standard is intended to supplement API RP 520 I refinery pressure relief device to determine the size, selection and installation of the first part of the sizing and selection (fifth edition) prescribed practices, in order to establish a design basis. This standard is the main reason for the analysis of overpressure, as well as to determine the selection and design of a single release, such as containers, including flare and vent tower processing system provides a guide. Proposed pipeline-related data and pressure relief system in the standard 5. 4. 1. However, the actual lines should be designed in accordance with ASME (American Society of Mechanical Engineers) B31. 3 or other applicable specifications. Health hazards associated with the operation of pressure relief devices may be relevant. Discussion of specific risks beyond the scope of this standard.

SY/T 10043-2002 is filed under Chinese Standard Classification E09, in the field of petroleum.

This catalogue holds 3,344 other SY/T standards without an ICS number.

In this catalogue, SY/T standards carry edition years from 1973 to 2025.

3 About this standard

Sector: Oil & Gas Industry Standard (Recommended)

Issued by: National Energy Administration

English translation: about 70 pages (approximate)

Chinese original: about 105,164 characters

4 Related standards

Standards on related subjects:

SY/T 6430-2017 - Safety regulation for petroleum crane vessel hoisting operations in shallow sea

AQ/T 3034-2010 - Guidelines for process safety management of chemical corporations

AQ/T 3012-2008 - Guideline of safety management system implementation for

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petrochemical corporation

SY/T 6203-2024 - Rescue measures for oil and gas well blowout and fire

SY/T 6137-2024 - Safety specification for natural gas collection and processing in hydrogen sulfide environments

SY/T 5087-2024 - Safety specification for drilling operations in hydrogen sulfide environments

5 Classification and status

Chinese Standard Classification (CCS): E 09

Prefix SY/T: recommended standard.

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