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**CERTIFICATION AND ACCREDITATION INDUSTRY STANDARD OF THE
PEOPLE'S REPUBLIC OF CHINA**

RB/T 092-2022

**Petroleum and chemical industry - Quality management system
requirements for oil and gas exploration enterprises
(English Translation)**

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Reference

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.

Please note that some contents of this document may refer to patents. The issuing agency of this document assumes no responsibility for identifying patents.

Introduction

The products of oil and gas exploration enterprises are oil and natural gas, which are resource-intensive, technology-intensive, highly related to industries, and economic aggregate it is an important part of my country's energy structure.

The purpose of formulating this document is to standardize the oil and gas exploration, development and production process management of oil and gas exploration enterprises, and to guide enterprises to establish a A systematic, scientific, reasonable and operable quality management system is established to improve performance and achieve quality goals.

This document is based on GB/T 19001-2016 "Quality Management System Requirements", combined with the principles of quality management of oil and gas exploration enterprises made according to the actual situation. The basic framework of this document is consistent with GB/T 19001-2016, which proposes Specific requirements for a quality management system.

Oil and gas exploration enterprises can combine energy, environment, occupational health and safety management systems when building quality management systems.

In combination, this document can also be used in conjunction with relevant standards.

Oil and gas exploration enterprises can seek third-party certification bodies to verify their quality according to GB/T 19001-2016 and the requirements of this document.

Management system certification, you can also refer to this document to carry out self-evaluation and self-declaration, and seek relevant parties to confirm its compliance.

Petroleum and chemical industry Oil and gas extraction Enterprise quality management system requirements

1 Scope

This document specifies the specific requirements for the quality management system of oil and gas extraction companies.

This document is applicable to oil and gas exploration enterprises in the process of oil and gas development, exploitation (production), etc., to establish, implement, maintain, and improve quality management system. This document can also be used as a basis for relevant parties to evaluate the organization's management system.

2 Normative references

The contents of the following documents constitute the essential provisions of this document through normative references in the text. Among them, dated references for documents, only the version corresponding to the date is applicable to this document; for undated reference documents, the latest version (including all amendments) is applicable to this document.

GB/T 19000-2016 Quality Management System Basis and Terminology GB/T 19001-2016 Quality Management System Requirements GB/T 19022 Measurement Management System Requirements for Measurement Process and Measurement Equipment

3 Terms and Definitions

The following terms and definitions defined in GB/T 19000-2016 apply to this document.

oil-gas production

The process of extracting crude oil and natural gas from the formation to the surface, and then producing or processing them.

[Source. GB/T 8423.1-2018, 2.3, modified] 3.2 Oil and gas development
Activities related to the evaluation, development and construction, and enhanced recovery of underground oil and gas resources.

[Source. GB/T 8423.1-2018, 2.2] 3.3 product the output that an organization would be able

to produce in the absence of any transactions between the organization and its customers.

Note 1: The products of oil and gas exploration enterprises are usually process materials, including intermediate products, finished products and by-products.

Note 2: The intermediate product refers to the product produced during the mining process and needs to be transferred to the next process for further processing. When necessary, it can be delivered to the external customers. Usually include oil well production fluid, natural gas condensate, wet gas, purified crude oil, purified natural gas, etc.

Note 3: Finished products refer to the target products of oil and gas exploration enterprises, which are delivered to customers after passing the inspection. Usually includes commodity crude oil, commodity natural gas, liquefied natural gas, liquefied petroleum gas, stable light hydrocarbons, etc.

Note 4: By-products refer to liquid petroleum products extracted from oil and natural gas (including associated gas in oil fields and natural gas in gas fields), with hydrocarbons as the main components.

[Source. GB/T 19000-2016, 3.7.6, modified]