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

GB/T 8423.3-2018

**Petroleum and natural gas industries - Terminology - Part 3: Oil
and gas surface engineering**

石油天然气工业术语 第3部分：油气地面工程

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Foreword

GB/T 8423 "oil and gas industry terminology" is divided into six parts.

- Part 1. Exploration and development;
- Part 2. Engineering Technology;
- Part 3. Oil and gas ground engineering;
- Part 4. Oil and gas measurement and analysis;
- Part 5. Equipment and materials;
- Part 6. Safety, environmental protection and energy saving.

This part is the third part of GB/T 8423.

This part is drafted in accordance with the rules given in GB/T 1.1-2009.

This part is proposed and managed by the National Oil and Gas Standardization Technical Committee (SAC/TC355).

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Oil and gas industry terminology

1 Scope

This part of GB/T 8423 defines the onshore ground engineering, offshore petroleum engineering, and liquefied natural gas engineering in the oil and gas industry.

Basic terms and definitions.

This section applies to oil and gas industry in oil and gas ground engineering, offshore petroleum engineering, liquefied natural gas engineering, oil and gas

Other areas of industry can be referred to.

2.1.1 Oil and gas field ground engineering oilandgasfieldsurfaceengineering

Engineering of surface production facilities, auxiliary production facilities and ancillary facilities in oil and gas fields.

2.1.2 Pipeline engineering

The engineering of piping fluids generally includes. lines, stations (2.1.7), pipelines (cross), auxiliary production facilities and ancillary facilities.

2.1.3 Oil pipeline

Pipes for the transportation of crude oil, refined oil (2.1.8) and liquefied petroleum gas (2.1.16).

2.1.4 Gas pipeline gaspipeline; gastransmissionpipeline

Pipes for the transport of natural gas, coalbed methane and coal to natural gas.

2.1.5 Subseapipeline

Oil and gas pipelines laid on the seabed.

2.1.6 In-service pipeline in-servicepipeline

A pipeline that has been put into operation.

2.1.7 Station (factory) station

Gathering, purifying, liquefying, receiving, utilizing, supercharging, decompressing, storing, metering, heating, cooling or pigging (3.2.42), etc.

The site and facilities for operation.

2.1.8 Refined oilproducts

Crude oil from C5 and C5 produced by crude oil to commercial oil of heavy oil.