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

GB/T 20660-2020

Replacing GB/T 20660-2006

**Petroleum and natural gas industries. Control and mitigation of
fires and explosions on offshore production installations.
Requirements and guidelines**

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Foreword

This standard was drafted in accordance with the rules given in GB/T 1:1-2009:

This standard replaces GB/T 20660-2006 "Fire, explosion control and reduction measures for offshore production facilities in the oil and gas industry

Requirements and Guidelines", compared with GB/T 20660-2006, in addition to editorial changes, there have been many changes in technology: Appendix NA gives the relevant

A list of technical changes:

This standard adopts the translation method equivalent to adopting ISO 13702:2015 "Fire and explosion control,

Requirements and Guidelines for Reduction Measures:

This standard has made editorial changes to correct the errors in ISO 13702:2015, as follows:

---3:2 "WH wellhead area" is changed to "WH wellhead area and drilling area";

---3:2 Deleted "BA respirator";

---3:2 Deleted "TEMPSC fully enclosed power life raft";

---B:9:3 Modified the column item number, b) after d) was changed to e), and then adjusted in turn;

---B:13:2 deleted the column item symbol:

Please note that certain contents of this document may involve patents: The issuing agency of this document is not responsible for identifying these patents:

This standard was proposed and managed by the National Petroleum and Natural Gas Standardization Technical Committee (SAC/TC355):

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1 Scope

This standard specifies the objectives and functional requirements of fire and explosion control and reduction measures for offshore production facilities:

This standard applies to fixed offshore structures in the oil and gas industry and floating production, storage and unloading systems:

This standard does not apply to the mobile offshore installations and underwater installations defined in this standard, but certain principles contained in this standard can be used for

Used as a guide:

This standard is based on the risk assessment of offshore installations to select fire and explosion control and reduction measures: Used in such assessments

The methods used and related recommended practices depend on the complexity of the production process and facilities, the type of facility (open or closed), staffing and operation

The relevant environmental conditions in the region vary:

Note: For related offshore installations, not only need to meet the requirements of this standard, but also need to meet the requirements of laws, regulations and rules related to offshore installations:

2 Normative references

The following documents are indispensable for the application of this document: For dated reference documents, only the dated version applies to this article

Pieces: For undated references, the latest version (including all amendments) applies to this document:

ISO /IEC Guide73 Risk Management Terminology (Riskmanagement-Vocabulary)