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National Standard of the People's Republic of China

GB/T 20801.6-2006

压力管道规范 工业管道

第 6 部分：安全防护

Pressure piping code – Industrial piping – Part 6: Safeguarding

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Foreword

This Standard corresponding to ISO 15649: 2001 *Petroleum and natural gas industries – Piping*, which is not equivalent to ISO 15649: 2001.

GB/T 20801 *Pressure piping code – Industrial piping* will be divided into six parts as follows:

- Part 1: General;
- Part 2: Material;
- Part 3: Design and calculation networks;
- Part 4: Fabrication and assembly;
- Part 5: Inspection and testing;
- Part 6: Safeguarding

This Standard is part six of GB/T 20801.

The Annex A of this part is Normative.

This Standard is proposed by Subcommittee 3 on Pressure Pipeline of National Technical Committee 262 on Boilers and Pressure Vessels of Standardization Administration of China.

This Standard is governed by National Technical Committee 262 on Boilers and Pressure Vessels of Standardization Administration of China.

Draft units of this Standard: National Technology Center of Process Equipment, SINOPEC Shanghai Engineering Company Limited (SSEC), Shanghai Chem Engineering Incorporation, General Administration of Quality Supervision, Inspection and Quarantine of the People's Republic of China, CNPC Research Institute of Economics and Technology, CNPC Research Institute of Engineering and Liaoning Provincial Institute of Safety Science.

Main drafters of this Standard: Yu Qingsheng, Ying Daoyan, Xie Dekai, Gao Jixuan, Xiu Changzheng, Wang Zhenan, Ye Wenbang, Shou Binan, Wang Weiguo, Huang Zhenglin, Zhou Jiexiang, Tang Yongjin, Zhang Baojiang, Yu Puyi and Liu Jinshan.

Pressure piping code – Industrial piping –Part 6: Safeguarding

1 Scope

This Part specifies the basic requirements for the safety protection devices (safety relief device and flame arrester) and safety protection of the pressure piping within the range of GB/T 20801.1. Other requirements on safety protection not specified in this Part shall comply with the requirements of GB/T 20801-2006 and the current relevant standards and regulation.

2 Normative References

The articles contained in the following documents have become this standard when they are quoted herein. For the dated documents so quoted, all the modifications (excluding corrections) or revisions made thereafter shall not be applicable to this Standard. For the undated documents so quoted, the latest editions shall be applicable to this Standard.

- GB 150 Steel Pressure Vessels
- GB 567-1999 Bursting Discs and Bursting Disc Devices
- GB 3836.12-1991 Electrical Apparatus for Explosive Atmospheres-Classification of Gases or Vapors with Air According to Their Maximum Experimental Safe Gaps and Minimum Igniting Currents (eqv IEC 60079-12: 1978)
- GB/T 3840 Technical Methods for Making Local Emission Standards of Air Pollutants
- GB 5908 Flame Arresters for Petroleum Tanks
- GB 12158 General Guideline for Preventing Electrostatic Accidents
- GB/T 12241-2005 Safety Valves--General Requirements (ISO 4126-1: 1991, MOD)
- GB/T 12242-2005 Performance Test Code--Pressure Relief Devices
- GB/T 12243-2005 Spring Loaded Safety Valves
- GB 13347-1992 The Quenching Ability of Flame Arrester and Its Test Method for Petroleum Gas Piping Systems
- GB/T 20801.1-2006 Pressure Piping Code-Industrial Piping-Part 1: General
- GB/T 20801.3-2006 Pressure Piping Code-Industrial Piping-Part 3: Design and Calculation
- GB 50016-2006 Code for Design of Building Fire Protection
- GB 50160 Fire Prevention Code of Petrochemical Enterprise Design
- GB 50187 Code for Design of General Plan of Industrial Enterprises
- HG/T 20570.2-1995 Installation and Selection of Safety Valves
- SH/T 3413-1999 Specification for Selection Inspection and Acceptance of Pipeline Flame Arresters for Petroleum Gas in Petrochemical Industry
- SY/T 10043-2002 Guide for Pressure-relieving and Depressuring Systems
- SY/T 10044-2002 Sizing Selection and Installation of Pressure-relieving Devices in Refineries

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