



CHINA ENGINEERING CONSTRUCTION STANDARD

中国工程建设标准化协会标准

CECS 229-2008

**Technical specification for light gauge stainless
steel pipeline engineering of automation
water-extinguishing systems**

自动水灭火系统薄壁

不锈钢管管道工程技术规程

China Plan Press

**Technical specification for light gauge stainless steel
pipeline engineering of automation
water-extinguishing systems**

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Foreword

This standard is formulated based on J.B.X.Z. No. 38 “Notice of Second Standardization and Revision Plan in 2005 by China Association for Engineering Construction Standardization” issued by China Association for Engineering Construction Standardization (2005).

Combined with the technical achievement on the connection of the light gauge stainless steel pipe and on the basis of special characteristics, this standard is formulated based on the relevant national technical regulations, and the collected opinions from the design, research, materials and construction agencies and the actual fire hazard test and the pilot engineering operation.

This standard is composed of 5 chapters and 4 appendixes. The contents cover general, terms, design, construction, pressure test, washing, acceptance and maintenance.

Upon the request of [1986] No. 1649 “Notice on the Recommendable Pilot Construction Project Organized by China Association for Engineering Construction Standardization”, it is hereby approved to recommend the CECS 229:2008 “Technical Specification for Light Gauge Stainless Steel Pipeline Engineering of Automation Water-extinguishing Systems” to the designer and constructor of construction project.

This standard is under the jurisdiction of CECS/TC 14 Committee on Fire and Explosion Protection, China Association for Engineering Construction Standardization. This standard is interpreted by Sichuan Fire Research under the Institute Ministry of Public Security (address: No. 266 Waibei Street, Dujiangyan City, Sichuan; Post Code: 611830). If you find that this standard or part of standard shall be rectified or supplemented during the application of this standard, please mail the opinions and relevant documents to us.

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1. General

1.0.1 This standard is formulated to guarantee the quality and functions of the light gauge stainless steel pipeline of automation water-extinguishing system (including automatic sprinkler, water spray, and water mist, etc) (hereinafter referred as the system) and to minimize fire hazard and protect the human and property safety.

1.0.2 This standard is applicable to the design, construction, acceptance and maintenance of the light gauge stainless steel pipeline used in the industrial and civil buildings.

1.0.3 The working pressure of light gauge stainless steel pipeline shall not be greater than 1.6Mpa.

1.0.4 In addition to this standard, the design, construction, acceptance and maintenance of the light gauge stainless steel pipeline of automation water-extinguishing systems shall also conform to the relevant national standards.

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