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SH

Industrial Standard of the People's Republic of China

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3006-1999

SH

石油化工控制室和自动分析器室
设计规范

**Code for the Design of Control Room
and Analyzer Room for Petrochemical Industry**

Issued on 09/22/1999

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Industrial Standard of the People's Republic of China

**Code for the Design of Control Room and Analyzer
Room for Petrochemical Industry**

SH 3006-1999

Chief editorial unit : Lanzhou Design Institute, China Petrochemical Group Corporation

Chief editorial department : China Petrochemical Group Corporation

Approved by : State Bureau of Petroleum & Chemical Industry

Beijing 1999

**Notice of the approval of 7 petrochemical industry standards
including the Code for the Design of Control Room and
Analyzer Room for Petrochemical Industry**

China Petrochemical Group Corporation:

The drafts of the 7 petrochemical industry standards, including the Code for the Design of Control Room and Analyzer Room for Petrochemical Industry, submitted by your Company have been approved by this Administration and are now issued. The titles and numbers of the standards are:

Mandatory standard

- 1 SH 3006-1999 Code for the Design of Control Room and Analyzer Room for Petrochemical Industry (replacing SHJ6-88)
- 2 SH 3005-1999 Code for the Selection and Design of Automatic Instruments for Petrochemical Industry (replacing SHJ5-88)
- 3 SH 3022-1999 Anticorrosion Specifications for the Coating for Petrochemical Equipment and Piping (replacing SH22-90)
- 4 SH 3024-1999 Construction Standard for Field Welding of Steel Columns and Vessels for Petrochemical Industry (replacing SH3524-92)
- 5 SH 3048-1999 Code for Anti-seismic Design of Steel Equipment for Petrochemical Industry (replacing SH3048-93)

Recommended standard

- 1 SH/T 3092-1999 Design Code for Distributed Control System for Petrochemical Industry
- 2 SH/T 3096-1999 Guidelines for Design and Selection of Major Equipment of Key Units for Processing High Sulphur Crude Oil

The above standards will go into effect from January 1, 2000.

State Bureau of Petroleum & Chemical Industry
September 22, 1999

Preface

This code is based on the revision of the original *Code for the Design of Control Room and Analyzer Room for Petrochemical Enterprises* made by this institute in accordance with the notice given in the (1995) Jian-biao-zi No.269 document of Sino Petrochemical Group.

The code is divided into four chapters. The major items of revision made this time include:

1. The central control room and regular instrument control room for the distributed control system are described in two respective chapters.
2. The analyzer room includes the analyzer cabin with metal structure.

During the course of modification, wide range investigations and studies were made on the problems of the original code, the practical experience in the design of the automatic control system for petrochemical industry in recent years were summarized and different opinions concerning design, construction, operation and manufacture were collected. The main issues were discussed for multiple times before the draft was reviewed and finalized.

If any modification or supplementation is found necessary during the implementation of this code, please submit relevant comments and documents to the Institute for reference when revision is made in the future.

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Forms of Verbs

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