

UDC

SH

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

中华人民共和国行业标准

P

SH 3024-1995

**Design specification for environmental protection
enterprises used in petrochemical industry**

石油化工企业环境保护设计规范

Issued on March 14, 1995

Implemented on July 01, 1995

Issued by China Petrochemical Corporation (SINOPEC)

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

**Design Code for Environmental Protection to Enterprises in
Petrochemical Industry**

SH 3024-95

Editor: Beijing Design Institute of SINOPEC,

Approved by: SINOPEC, China

1995, Beijing

Memorandum issued by SINOPEC HQ.

- Zhong Shi Hua [1995] jian Zi No. 111-

Ref: Distribution of “Design Specification for Environmental Protection to Enterprises in petrochemical Industry ”

To whom it may concern

The a.m. standard revised by SINOPEC Beijing Design Institute has been reviewed and finalized. Hereby we approve the this revision of No. SH3024-95 to be general standard for petrochemical industry . The original one of No. SHJ24-90 is to be expired from December 12, 1995.

Beijing Design Institute of SINOPEC will be responsible to the detailed explanation of this standard.

SINOPEC

March 14, 1995

Table of Contents

1	General outline	1
2	Requirements to the initial stage and separate design period	1
3	Selection of Plant Location and Design of Plot Plan	1
4	Pollution treatment	2
	4.1 general regulations	2
	4.2 treatment to waste water pollution	3
	4.3 Pollution treatment to waste gas and ash	5
	4.4 Pollution treatment to waste residues (liquids)	6
	4.5 Noise control	7
5	Management organization	8
6	Environmental monitor	8
7	Investment for environmental protection	12
	Appendix A Example for the major facilities all to be included into investment for environmental protection (Table A).....	14
	Appendix B Example for the major facilities partly to be calculated into investment for environmental protection (Table B).....	16
	Appendix C Definition to the wordings	17

1 General outline

- 1.0.1** This revised edition is issued according to the requests from “Management of Environmental Protection to Construction Projects “ and “Environmental Protection Stipulations to the Design of Construction Project”, with the purpose to follow up the “ Environmental Protection Law in P.R.China” when designing the petrochemical projects.
- 1.0.2** This design code is applied to the designing of petrochemical projects which to be newly built, extended or revamped.
- 1.0.3** The environmental projection design of petrochemical plants should be done as an overall plan to decrease the waste discharging, treat and separate pollutants accordingly, control by various stages, utilize comprehensively and treat efficiently. In this way the purpose of pollution treatment respectively environmental protection can be reached.
- 1.0.4** The environmental protection designing must be carried out same time with major project design. The production process without confirmed pollution treatments can not be taken into the design.
- 1.0.5** In addition to execute as per this code, The project design is also requested to meet the requirements from other relevant standards issued by petrochemical industry, central and local governments.

2 Requirements to the initial stage and separate design period

- 2.0.1** A brief description regarding to possible environmental influence should be stated in the project proposal with regards to the specified project nature, capacity, discharging substances and environmental status of construction area.
- 2.0.2** The chapter of environmental projection in the feasibility study report(FSR) should be edited in line with the “stipulations to the FSR of petrochemical project”.
- 2.0.3** The chapter of environmental protection in the preliminary design should be edited in line with “Stipulations to- the Content of Preliminary Design of Petrochemical Plants”. If the project is to be constructed in large scale, this chapter should be separated as an individual booklet.
- 2.0.4** Design of working draws should be carried out as per the approved chapter of “Environmental Protection Requirement for the Preliminary Design”.

3 Selection of Plant Location and Design of Plot Plan

- 3.0.1** The selection of plant location should consider the natural and social of this area, environmental background information and pollutants from this plant. A comprehensive analysis and evaluation should be made to compare the difference of various design schemes on the point of environmental protection.
- 3.0.2** The production area, plant management area, resident area, dumping area and waste water discharging outlet of enterprises should be selected at the same time which in the meantime should meet requirements by the local construction planning regulations.
- 3.0.3** It is strongly prohibited to choose plant location inside areas such as resident area, culture and education area, water source protection area, scenic spots and historic sites, hot spring, sanctum, natural protection area, and etc.
- 3.0.4** It is better to select the plant location with natural condition that can easily wipe off

完整版本请在线下单

或咨询：

TEL: 400-678-1309

QQ: 19315219

Email: info@lancarver.com

<http://www.lancarver.com>

线下付款方式：

1. 对公账户：

单位名称：北京文心雕语翻译有限公司

开户行：中国工商银行北京清河镇支行

账 号：0200 1486 0900 0006 131

2. 支付宝账户：info@lancarver.com

注：付款成功后，请预留电邮，完整版本将在一个工作日内通过电子 PDF 或 Word 形式发送至您的预留邮箱，如需索取发票，下单成功后的三个工作日内安排开具并寄出，预祝合作愉快！



银联特约商户