

Chemical hazards safety
management in China

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(China Sichuan)

Contents

- **Administration of Chemical Hazards in China**
- **Work Safety Related Laws and Regulations for Chemical Hazards**
- **Action Plan**

The People's Republic of China

the world's largest developing country, which is undergoing industrialization!

- Studies on developed countries show that when a country's GDP per capita grows from \$1000 to \$3000, a process which usually takes about 20-30 years, it is most likely to face acute challenges in social and economic development.



- China: currently the third largest chemical producer and the fastest growing chemical consumer in the world.
- Number of enterprise for Chemical hazards productions is larger. There into:

Guangdong province :1495 Zhejiang province :1424

Jiangshu province :4112 Sichuang province :886

Sandong province: 2598 Hebei province: 1373





- **The State Administration of Work Safety (SAWS) founded**
- **A ministry-level since Feb. 23, 2005**
- **Guidance to and supervision of on work safety–relevant central government ministries–provincial governments–autonomous regions, –municipalities directly under the central government**
- **Direct inspection on coal mine safety, hazards chemicals, civil explosives, and fireworks**

The State Council
(China's central government)



Premier
Wen Jiabao

The State Council Work Safety Committee



Vice Premier

Ministry of Health
(MOH)

The State Administration
of Work Safety
(SAWS)

The State Administration
of Coal Mine Safety
(SACMS)

The ministries in charge of
transportation, railways,
civil aviation, water resources,
electrical power, construction,
agriculture, postal service,
telecommunications, tourism,
special equipment, fire control,
nuclear safety, etc.

SAWS

SACMS

General Office
(Dept of International
Cooperation,
Dept of Finance)

Dept of Planning,
Science & Technology

Office of
Emergency Rescue

Dept 2 of Work
Safety Supervision

Dept of Chemical
Safety

Dept of
Policy and Legislation

Dept of Coordination
(Office of National Work
Safety Supervisors,
Dept of Occupational
Safety Supervision)

Dept 1 of Work
Safety Supervision
(Office of Offshore
Oil Operation Safety)

Dept of Personnel
& Training

Dept of General
Affairs (Dept of
Technology
and Equipment)

Dept of Safety
Inspection

Dept of Accident
Investigation

safer condition for production ; killed worker in production is still major compared with developed country, but down trend exsited

Revealed by statics from 2007/01/01 to 09/01, 173 workers in hazardous chemical factory were killed , but decreased by 35% campared with same period last year.





Laws and regulations

- 《Production Safety Law of the People's Republic of China》
- 《 Fire Control Law of the People's Republic of China 》
- 《Law of the People's Republic of China on Prevention and Control of Occupational Diseases》
- 《Regulation on Safety Management of Dangerous Chemicals 》
- 《 Regulation on Work Safety Licenses 》
- 《 Regulation on Employment Injury Insurance 》
- 《 Regulation on Special Equipment Safety Inspection 》



Laws and regulations

- 《 Fire prevention code of petro chemical enterprise design 》
- 《Code for fire protection design of buildings 》
-

《Production Safety Law of the People's Republic of China》

(promulgated for implementation as of November 1, 2002.)

- Contents :

Chapter I General Principles

Chapter II Guarantee of Safety by Production and Business Operation Entities

Chapter III Rights and Obligations of Employees

Chapter IV Supervision and Administration of Production Safety

Chapter V Emergency Rescue, Investigation and Handling of Production Safety Accidents

Chapter VI Legal Liabilities

Chapter VII Supplementary Provisions

Action Plan

- **The standardized specification of work safety for chemical enterprise**
- **Work Safety Licenses for using chemical hazards**
- **Supervisions and controls of major hazard installations depending on tech.**
- **Others more**

The standardized specification of work safety for chemical enterprise (SSWSC)

- Similar to ISO18000 , the internal occupational health and safety management system specification, encompassing 10 level A elements and 53 level B elements . It aims to control the potential hazards within an organisation by specifying management of enterprise and building up safety prevention and control establishments
- According to schema, all chemical hazards enterprise in china must reach standardized specification ahead of 2010 year.

Supervisions and controls of major hazard installations depending on tech.

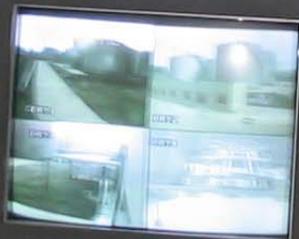
- Production and business operation entities shall have archivist files for substantial hazardous sources, make regular checks, appraisals, supervisions and controls, make emergency plans, and inform the employees and other relevant people of the emergency measures that should be taken under emergent circumstances.

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淄博市安全生产监督管理局 热烈欢迎各位领导莅临指导工作



各位领导莅临指导工作



- Safety first
- prevention prioritized
- integration administration



**Thank you for
your attention!
Welcome to China!
Welcome to Sichuan!**