Chemical hazards safety management in China

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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 enterprises for chemical hazards productions is larger. There into:

Guangdong province: 1495  Zhejiang province: 1424  
Jiangsu province: 4112  Sichuan province: 886  
Shandong 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)

The State Council Work Safety Committee

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

Revealed by statics from 2007/01/01 to 09/01, 173 workers in hazardous chemical factory were killed, but decreased by 35% compared 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.
• Safety first
• prevention prioritized
• integration administration
Thank you for your attention!
Welcome to China!
Welcome to Sichuan!