

EHS Newsletter

National Headlines - China

Amendment: Measures for the Administration of Contingency Plans for Work Safety Accidents

Ministry of Emergency Management | Release Date 2019-07-11 | Effective Date 2019-09-01

Full Text

1. Changes in the scope of the emergency plan review : Removed “Building Construction Enterprise” and added “Hazardous Chemical Transportation Enterprise”

2. Changes of department name : Work Safety Supervision and Administration Department → Emergency Management Departments of the People's Government

3. Emergency plan filing scope and level changes :

Only following enterprises need to be filed:

- Production, operation, storage and transportation of dangerous goods such as inflammable and explosive materials and dangerous chemicals;
- Mining, metal smelting, urban rail transit operations and construction enterprise;
- Population Intensive business enterprises including hotels, shopping malls, entertainment venues, tourist attractions, etc.

4. Penalty changes :

- Orders to make corrections within a time limit and to impose penalties → Orders to make corrections within a time limit, and punishes those who fail to make corrections within the time limit
- The amount of fines increased from 10,000 - 30,000 yuan to 30,000 - 50,000 yuan.
- The scope of fines has been expanded. In addition to imposing fines on enterprises, the directly responsible persons in charge and other directly responsible persons shall be fined 10,000 - 20,000 yuan.

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The latest national EHS regulations and their impact on corporate compliance

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The latest EHS standards in nationwide and local administration level as well as different industrial sectors



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Measures for the Administration of Public Security of Explosives Precursors

Ministry of Public Security | Release Date 2019-07-06 | Effective Date 2019-08-10

[Full Text](#)

1. Explosive precursors: chemical substances that are listed on the catalogue of explosive precursors determined and released by the Ministry of Public Security and that can be used to make explosive products.

2. Entities engaging in explosives precursors: entities that manufacture, sell, store, use, transport and handle explosives precursors.



3. Note :

- An entity engaging in explosives precursors shall establish its own information system for explosives precursors and support interconnection with the information system of the public security organ.
- A manufacturer or a business operator of hazardous chemicals that sells explosives precursors shall record the name and address of the buyer; the name and ID number of the responsible person; and the types, quantity and usage of explosives precursors purchased.
- Do not deliver explosives precursors or carry them in mail or courier. Do not conceal or falsely report explosive precursors as ordinary goods when delivering. Do not hand over the explosive precursors to the enterprises that do not have the corresponding dangerous goods transportation licenses for delivering.

China Issues Guidance Framework for Environmental Risk Assessment of Chemicals (Trial)

Ministry of Ecology and Environment | Release Date 2019-08-26 | Effective Date 2019-09-03

- The guide is divided into four parts namely, Scope of Application, Basic Points, Technical Requirements and Report Preparation;
- General requirements for the risk assessment of chemical substances are specified in the guide, such as assessment steps, assessment conclusion, uncertainty assessment, data quality assessment, risk assessment for special chemicals, etc.
- An important supporting document for *Environmental Risk Assessment and Control Regulation for Chemical Substances*.

Taiwan Promulgates Revised Chemical Control Act Enforcement Rules

Taiwan Environmental Protection Agency | Release Date 2019-09-03 | Effective Date 2020-01-16

- Taiwan introduced the new *Toxic and Concerned Chemical Substances Control Act Enforcement Rules* to align with Taiwan TCCSCA (*Toxic and Concerned Chemical Substances Control Act*);
- The revised Enforcement Rules will come into effect on Jan 16th, 2020, the same implementation date as Taiwan TCCSCA;
- More than 30 subordinate regulations connected to the revised TCCSCA will be issued over the next few months.

Major changes include:

- Update the definition of the “suspension of handling” as “the interruption in manufacture, import, sale, use, or storage” and delete the time period of “for at least two years”.
- Add a provision defining “mail orders, online shopping” as “transactions made via radios, television broadcasts, telephones, facsimiles, catalogs, newspapers, magazines, the Internet, flyers, or any other similar channels.
- Add a provision that firefighting units shall be notified of the diagrams of the entire handling site and the interior layout of the site in written and electronic format.

Notice on Publishing the Comprehensive Action Plan for Air Pollution of Industrial Furnace and Kiln

Ministry of Ecology and Environment, National Development and Reform Commission, Ministry of Industry and Information Technology, Ministry of Finance | Release Date 2019-07-01 | Effective Date 2019-07-01

1. What is industrial furnace and kiln ?

[Full Text](#)

It refers to the thermal equipment that utilize heat converted from fuel combustion or electric energy and can be used for smelting, melting, baking (calcining), heating, retorting, gasification of materials or workpieces, etc. It includes smelting furnace, melting furnace, baking (calcining) furnace (kiln), heating furnace, heat treatment furnace, drying furnace (kiln), coke oven, gas generator, etc.

2. What are the key tasks ?

- It is strictly forbidden to increase the production capacity of steel, coking, electrolytic aluminum, foundry, cement and flat glass; the implementation of capacity replacement in industries such as steel, cement and flat glass should be strictly implemented; in principle, it is forbidden to newly build fuel gas generators (Except for clean coal gasification centers uniformly built by existing enterprises in the industrial park);
- The special emission limits for atmospheric pollutants of sulfur dioxide, nitrogen oxides, particulate matter and volatile organic compounds (VOCs) should be fully implemented in the steel, cement, coking, petrochemical, chemical, and non-ferrous industries in key regions;
- High-sulfur petroleum coke (sulfur content greater than 3%) is prohibited in key regions. The glass industry is completely prohibited from blending high-sulfur petroleum coke;
- The pollution control of industrial sintering and blast furnace processes shall be carried out in accordance with the relevant standards of the steel industry; the key regions shall be upgraded according to the emission limits of particulate matter, sulfur dioxide and nitrogen oxides not higher than 30 mg/m³, 200 mg/m³, 300 mg/m³ respectively. The emission limit of NO_x in glass and glass wool industry is not higher than 400 mg/m³;
- Dust-producing sources and workshops must not have visible smoke and dust effusion;
- It is forbidden to use phenol-containing wastewater directly for sealing of the gas and flushing of the cinder.

Occupational Exposure Limits for Hazardous Agents in the Workplace – Part 1: Chemical Hazardous Agents GBZ2.1-2019

National Health Commission | Release Date 2019-08-27 | Effective Date 2020-04-01

The main changes are as follows:

[Full Text](#)

- Added concepts and definitions of adverse health effects, critical adverse health effects, occupational exposure limits, and action levels; the peak exposures replaced the excursion limits;
- Added sensitization markers for 16 substances, skin markers for 4 substances, carcinogenic markers for 14 substances, and adjusted the carcinogenic markers of 7 substances;
- Integrated exposure limits of nitric oxide and nitrogen dioxide into nitrogen oxides; **Clearly listed the basis for adverse health effects when setting exposure limits**;
- Further improved the relevant requirements for monitoring and testing methods; for dusts with PC-TWA of total dust and respirable dust, PC-TWA of respirable dust could be monitored only;
- Added the principles and requirements for chemical occupational exposure control at workplaces;

Local Information

Shanghai

Shanghai Administrative Measures on Imposing Domestic Waste Disposal Fees from Enterprises (2019-07-01)

[link](#)

- **Scope of application:** Imposing domestic waste disposal fees and related supervision and management activities in the administrative districts of Shanghai Municipality.
- **Targets :** All state organizations, enterprises, public institutions, social organizations and individual operators that generate domestic waste in Shanghai Municipality shall pay domestic waste disposal fee.
- **Methods and standards:** The enterprise domestic waste disposal fee is based on the volumetric fee and the base management fee. Differentiated charges can be implemented according to the segregation quality in three categories: residual waste, household food waste, and hazardous waste. The charging standard is formulated in accordance with the principle of promoting waste segregation and reduction.
- **Base amount verification:** The base amount of enterprise domestic waste disposal is approved once a year.

Shanghai

Shanghai Administrative Measures on Information Disclosure System for the Emergency Alarm (2019-07-15)

[link](#)

- **Definition of emergency alarm information:** The term "emergency alarm information" as mentioned in these Measures refers to information on natural disasters, accident disasters and public health incidents that occur or may occur and cause or may cause serious social hazards.
- **Emergency alarm information level:** Generally, according to the emergency degree, development trend and possible harm degree of emergencies, they are classified as first, second, third and fourth levels, marked with red, orange, yellow and blue respectively, and the first level is the highest level.

Tianjin

Tianjin Regulations on Water Conservation (Amendment 2019) (2019-07-31)

[link](#)

- The charging system of metering and tiered pricing is adopted for domestic water user.
- The charging system of planned water use and tiered pricing for over-planned water use charge is adopted for non-domestic water user.
- It is stipulated that non-domestic water users should strengthen water use management and improve water use efficiency.
- Encourage the utilization of recycled water.
- The groundwater exploitation should be strictly controlled.

Shanxi

Shanxi Regulations on Prevention and Control of Water Pollution (2019-10-01)

[link](#)

- For the three main parameters of urban domestic sewage and industrial wastewater, such as chemical oxygen demand, ammonia nitrogen and total phosphorus, the local standards for comprehensive discharge of water pollutants are formulated according to the standards of surface water environmental quality category V and above.
- The discharge of water pollutants by industrial enterprises shall meet the local standards for the comprehensive discharge of water pollutants.
- Achieve full collection and full treatment of urban domestic sewage.

Standard No.	Name	Release Date	Effective Date
Latest National Standard			
GB/T 37547-2019	Technical Specifications for Recycling of Waste Plastics	2019-08-30	2019-12-01
GB/T 37547-2019	Classification and Code of Waste Plastics	2019-08-30	2019-12-01
GB/T 37940-2019	General Technical Specification for Mobil Laboratory of Atmospheric Environmental Monitoring	2019-08-30	2020-03-01
GB/T 37876-2019	Guideline of Conformity Assessment for Hazardous Substances in Electronic and Electrical Products	2019-08-30	2020-03-01
GB/T 17889.5-2019	Ladders—part 5: Telescopic Ladders	2019-08-30	2020-03-01
GB/T 37866-2019	Green Product Assessment—plastic Products	2019-08-30	2020-03-01
GB/T 37816-2019	Selection and Installation of Pressure Relief Devices on Pressure Equipment	2019-08-30	2020-03-01
GB/T 37819-2019	Bi-circulation Power Generation Unit for Low-temperature Waste Heat Recovery	2019-08-30	2020-03-01
GB/T 18916.45-2019	Norm of Water Intake—part 45 : recycled Polyester Production	2019-08-30	2019-12-01
GB/T 18916.44-2019	Norm of Water Intake—part 44 : Spandex Product	2019-08-30	2019-12-01
GB/T 37905-2019	Reclaimed Water Quality—determination of Chromium—voltammetry and Polarography	2019-08-30	2020-07-01
GB/T 37906-2019	Reclaimed Water Quality—determination of Mercury—mercury Analyzer Method	2019-08-30	2020-07-01
GB/T 37907-2019	Reclaimed Water Quality—determination of Sulfide and Cyanide—ion Chromatography	2019-08-30	2020-07-01
GBZ 2.1-2019	Occupational Exposure Limits for Hazardous Agents in The Workplace – Part 1: Chemical Hazardous Agents	2019-08-27	2020-04-01

Latest Industry Standard

HJ 1031-2019	Technical Specification for Application and Issuance of Pollutant Discharge Permit - Electronics Industry	2019-07-23	2019-07-23
HJ 1032-2019	Technical Specification for Application and Issuance of Pollutant Discharge Permit - Wood-based Panel Industry	2019-07-24	2019-07-24
HJ1033-2019	Technical Specification for Application and Issuance of Pollutant Discharge Permit - Industrial Solid Waste and Hazardous Waste Storage, Recycling, Treatment and Disposal	2019-08-13	2019-08-13
HJ1034-2019	Technical Specification for Application and Issuance of Pollutant Discharge Permit - Waste Resources Processing Industry	2019-08-13	2019-08-13
HJ1030.3-2019	Technical Specification for Application and Issuance of Pollutant Discharge Permit Food Manufacturing Industry - Convenience Food Manufacturing Industry, Food and Feed Additives Manufacturing Industry	2019-08-13	2019-08-13
HJ 1035-2019	Technical Specification for Application and Issuance of Pollutant Discharge Permit Inorganic Chemical Industry	2019-08-13	2019-08-13
HJ 1036-2019	Technical Specifications for Application and Issuance of Pollutant Discharge - Permit Polyvinylchloride (PVC) Industry	2019-08-13	2019-08-13
HJ 1038-2019	Technical Specification for Application and Issuance of Pollutant Discharge Permit - hazardous Waste Incineration	2019-08-27	2019-08-27
AQ/T 9011-2019	Guidelines for Enterprises to Assess Emergency Response Plan on Work Place Accidents	2019-08-12	2020-02-01
AQ/T 9007-2019	Fundamental Specification for Emergency Exercises of Work Safety Accidents	2019-08-12	2020-02-01
AQ/T 3057-2019	Guidelines for the Establishment of Safety Evaluation Report of Pipeline Construction of onshore Oil and Gas Pipeline	2019-08-12	2020-02-01
AQ/T 3056-2019	Guidelines for the Safety Acceptance Inspection Report of Oil and Gas Pipeline on Land Construction Project	2019-08-12	2020-02-01
AQ 9010-2019	Specifications for Accidents Prevention Technical Service on Work Safety Liability Insurance	2019-08-12	2020-02-01
AQ 4129-2019	Safety Rule of Chemical Raw Material Application for Firework	2019-08-12	2020-02-01
WS/T 666—2019	Technical Specifications for Health Risk Assessment of Ambient Air Pollution	2019-07-22	2020-01-01
AQ/T 2071-2019	Technical Code on Safety Production and Emergency Lifesaving Supplies for Geological Exploration	2019-08-12	2020-02-01

SIET Company limited (SIET)

About Us

SIET Company limited (SIET) is a privately-owned energy and environment consultancy with the core business in technology development, engineering design and implementation, and sustainability management. Our clientele includes multinational companies, international financial institutes (IFIs) and governments throughout China and across Asia.

Our Service:



Energy Consulting

- Energy Audit
- Feasibility Study
- Corporate Energy Strategy



Implementation Management

- Procurement Management
- Contract Management
- Implementation Supervision



Project Financing

- Sector Analysis
- Financial Appraisal
- Economic Assessment



Sustainability Consulting

- Environmental, Health and Safety (EHS) Management
- Source Water Vulnerability Assessment
- Solid Waste Management
- Water/Soil Pollution Control and Remediation



Technology Development Division

- Renewable Energy Research
- Industrial System Development
- Financial Brokerage for Renewable

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