

Anew EHS Newsletter

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About Anew

ANEW is a professional firm that provides consulting services in environmental health and safety along with general services in energy conservation engineering. Our team is comprised of top scientists, engineers, and consultants. We are dedicated to cultivating international and local advanced technology and management practices. Through our expertise, we are able to provide the finest services to leading multinational corporations, governments, and international organizations in China and other regions.

Anew Global Consulting

National Headlines

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

[Full Text](#)

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

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 Department
3. **Changes of emergency response plan registration scope and level** :

Only following enterprises required for plan registration:

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

4. **Penalty changes:**

- Orders to make corrections within a required time frame and to impose penalties → Orders to make corrections within a required time frame, and punishes those who fail to make corrections within the required time frame
- The amount of fines increased from 10,000 - 30,000 yuan to 30,000 - 50,000 yuan.
- The targets for receiving fines have been extended. In addition to imposing fines on enterprises, the key persons responsible for violation shall be fined 10,000 - 20,000 yuan.

Measures for the Administration of Explosives Precursors

[Full Text](#)

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

1. **Explosive precursors:** chemical substances that are listed on the catalogue of explosive precursors 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. **Notes:**

- An entity engaging in explosives precursors shall establish its own information system for explosives precursors and make it connected with agency's system.
- 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 contact 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, which do not have the corresponding dangerous goods transportation licenses, for delivering.



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

[Full Text](#)

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?

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 existing production capacity of steel, coking, electrolytic aluminum, foundry, cement and flat glass; the renovation in industries such as steel, cement and flat glass should be strictly implemented; in principle, it is forbidden to build new fuel gas generators. (Except for the clean coal gasification centers in industrial park);
- In designated key region, the emissions from steel, cement, coking, petrochemical, chemical, and non-ferrous industries shall strictly follow the special limits for sulfur dioxide, nitrogen oxides, particulate matter and volatile organic compounds (VOCs);
- High-sulfur petroleum coke (sulfur content greater than 3%) is prohibited in designated 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 existing system upgrade in the designated key regions shall be 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 fiber industry shall not be higher than 400 mg/m³;
- Workshops or areas generating dusts must not have visible smoke or dust effusion;
- It is forbidden to reuse phenol-containing wastewater directly for gas sealing or cinder flushing.

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

[Full Text](#)

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

The main changes are as follows:

- Added the 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 for 7 substances;
- Integrated the exposure limits of nitric oxide and nitrogen dioxide to nitrogen oxides; **Clearly listed the information of adverse health effects when setting exposure limits**;
- Further improved the relevant requirements for sampling and analysis methods;
- Added the requirements for chemical occupational exposure control at workplaces;

Environmental Risk Assessment Guideline for Chemical Substances (Trial)

[Full Text](#)

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

- The guideline comprises of four sections, i.e. Scope of Application, Basic Points, Technical Requirements and Report Preparation;
- General requirements for the risk assessment are specified in the guideline, such as assessment steps, assessment conclusion, uncertainty assessment, data quality assessment, risk assessment for special chemicals, etc.
- The guideline is an important supporting document for regulations on *Environmental Risk Assessment and Control of Chemical Substances*.
- Four basic assessment steps:



Resource Tax Law of the People's Republic of China

[Full Text](#)

Standing Committee of the National People's Congress | Release Date 2019-08-26 | Effective Date 2019-09-01

● **This Law will be enforced on September 1, 2020. The Provisional Regulations on resource tax of the People's Republic of China, promulgated by the State Council in December 25, 1993, will be abolished when the new law come into force.**

● **Main changes are as following:**

1. Unified taxation

The Resource Tax Law regulates the tax items in a unified manner. All current taxable resource products are listed in the tax law. There are currently 164 tax items listed, covering all discovered minerals and salts.

2. Adjusted the permissions determined by the specific tax rate

A number of resource, such as crude oil and national gas etc., has a fixed tax rate across China, while other resources have variable tax rates in different areas of China.

3. Standardized tax reduction and exemption policy

- ◆ **Exemption of resource tax:** self-used resources during oil and gas exploration and transportation, and the extracted coalbed methane for safe production purpose;
- ◆ **Resource tax reduction:** low abundance oil and gas fields, high sulfur gas fields, tertiary oil recovery, deep water oil and gas fields, heavy oil, high pour point oil, mines in depletion stage;
- ◆ **Reducing and exempting resource taxes:** tax reduction can be applicable for the benefit of resource conservation and intensive use, environmental protection, etc.;
- ◆ Local government to determine the actual tax reduction rate or exemption measures for the applicable situations, including associated mines, low grade mines, tailings, and the mines encountering significant losses due to natural disasters.

Two Guidelines on Safety Risk Management of Chemical Parks and Hazardous Chemical Enterprises

[Full Text](#)

Ministry of Emergency Management | Release Date 2019-08-12 | Effective Date 2019-08-12

1. Safety risk hazard inspection form :

Daily inspections, comprehensive inspections, professional inspections, seasonal inspections, key time periods and pre-holiday inspections, inspections before restart production, inspections by third party professionals.

2. The frequency of safety risk inspection:

- The interval between on-site inspections of equipment operators shall not exceed 2 hours; The interval between on-site inspections of production, storage devices and parts with high safety risk shall not exceed 1 hour.
- The personnel directly responsible for the system management and maintenance, such as technicians, engineers, electricians, shall conduct professional check at least twice a day.
- One safety inspection shall be conducted in each workshop at least once every week; one safety inspection shall be conducted in each factory at least once every month;
- One safety inspection shall be conducted in the whole plant at least once every quarter; safety inspection must be done before any important holidays and events.
- Enterprises shall organize a safety inspection at least once every six months;
- When similar enterprises have safety accidents, enterprise should have safety inspection at its own plant to prevent the similar accident from occurring.

Local Information

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Shanghai

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

- **Scope of application:** Imposing domestic waste disposal fees and related supervision and management activities in the Shanghai Municipality.
- **Targets:** All the organizations that generate domestic waste in Shanghai Municipality shall pay domestic waste disposal fee.
- **Methods and standards:** Differentiated charges will be imposed depends on different waste categories, i.e. residual waste, household food waste, and hazardous waste. The charging standard is formulated in accordance with the principle of promoting waste segregation and reduction.

Shanghai

Shanghai Administrative Measures on Alert Dissemination for Emergency Incident (2019-07-15)

- **Definition of alert dissemination for emergency incident:** The term “early warning information for emergency incident”, as mentioned in these Measures, refers to the alert on natural disasters, accident disasters and public health incidents that may occur and cause serious social hazards.
- **Alert level:** Generally, emergency incidents can be categorized into four levels, i.e. Level 1 (red), Level 2 (orange), Level 3 (yellow) and Level 4 (blue), based on the occurrence likelihood and the damage consequence of incidents.

Related link:

[Shanghai MEM emergency drill plan work specification \(trial\)](#)

Tianjin

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

- A tiered pricing system is applicable for domestic water user.
- A surface charge will be imposed to industrial water user if their water use quantity exceeding the planned quota.
- Encourage the utilization of reclaimed water.
- The groundwater exploitation shall be strictly controlled.

Shanxi

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

- The discharge limits of chemical oxygen demand, ammonia nitrogen and total phosphorus for municipal wastewater or industrial wastewater shall be stipulated with reference to the Class V of surface water quality, or the stricter.
- The industrial wastewater discharge shall meet the local wastewater discharge standards.
- Achieve full collection and treatment of urban domestic sewage.

Latest Standard

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No.	Name	Release Date	Effective Date
National Standard			
GB/T 37813-2019	Technical Specifications for Recycling of Waste Plastics	2019-08-30	2019-12-01
GB/T 37821-2019	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

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	Safety Rule of Chemical Raw Material Application for Firework	2019-08-12	2020-02-01
AQ 4129-2019	Technical Specifications for Health Risk Assessment of Ambient Air Pollution	2019-08-12	2020-02-01
WS/T 666—2019	Technical Code on Safety Production and Emergency Lifesaving Supplies for Geological Exploration	2019-07-22	2020-01-01






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EHS Compliance
Audit

Due Diligence
Assessment

IPE Record Removal

Environment Site
Assessment and
Remediation

VOCs Treatment

Green Supply Chain

Energy Conservation
Advisory and Engineering

EHS Management

EHS Regulatory Service

Water Conservation and
Wastewater Treatment