

Anew E&EHS Newsletter

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The latest national laws and regulations and the impacts on business compliance.

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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

Prevention and Control of COVID-19 Epidemic

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Prevention and Control Measures for Helping Businesses and Institutions Resume Work

Full Text

The State Council's Prevention and Control Mechanisms for the COVID-19 Pandemic | Release Date 2020-02-21 | Effective From 2020-02-21



- Establish employee health management system
- Ensure accurate employee health reporting



Entry and exit registration



Establish ventilation



Maintain hand-washing facilities



Regularly clean and disinfect



Reduce employee gatherings



Additional dining hygiene measures



Enhance medical services



Regulate garbage disposal

[Related: Guidelines on Work Resumption at Different Organizations during the COVID-19 Pandemic Period, Guangdong Province \(second Edition\) \(2020-3-1\)](#)

Operation and Management of HVAC System in Offices and Public Areas

Full Text

The State Council's Prevention and Control Mechanism for the COVID-19 Pandemic | Release Date 2020-02-12 | Effective From 2020-02-12

● Operational requirements:

HVAC Type: all-air system

- Close the air-return valve
- Turn on fresh air operation mode

HVAC Type: fan coil system with fresh air

- Ensure fresh air from outdoors
- Turn on all-day operation mode

HVAC Type: fan coil system without fresh air

- Open doors and windows to ensure fresh air flows in

● Management requirements:

Routine cleaning and disinfection of air-conditioning and ventilation systems should be in accordance with "Specifications for the Cleaning and Disinfection of Centralized Air-Conditioning and Ventilation Systems in Public Places" (WS / T 396-2012). If a place has confirmed COVID-19 cases, such systems cannot be used until they are disinfected, tested, and approved by the relevant hygiene authority.

Shenzhen

[Administrative Ordinance of Hazardous Chemicals Approving Process Under COVID-19 Pandemic Period, Shenzhen Emergency Management Bureau \(2020-3-10\)](#)

The validity of all hazardous chemical safety licenses will be automatically extended. Enterprises should apply for new permits once the pandemic is over.

National Headlines

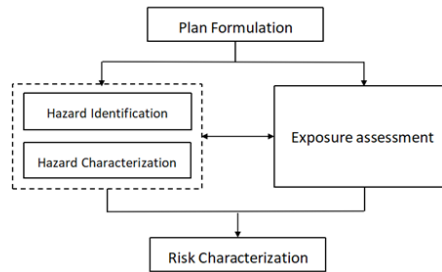
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Guidelines for Eco-Environmental Health Risk Assessment (HJ 1111-2020)

[Full Text](#)

Ministry of Ecology and Environment of the People's Republic of China | Release Date 2020-03-18 | Effective From 2020-03-18

1. This new standard establishes guidelines for assessing risks to ecology caused by substances in any work environment. It includes general procedures, methodologies and technical requirements for a variety of workplaces.
2. **Evaluation procedure:**



Management Systems for Occupational Health and Safety – Guidance (GB/T 45001-2020)

[Full Text](#)

State Administration of Market Supervision and Administration of China, Standardization Administration Committee | Release Date 2020-03-06 | Effective From 2020-03-06

This standard replaces GB/T 28001-2011 and GB/T 28002-2011.

1. Content changes within the updated standard:

- Increased emphasis on meeting the demands of organizations, workers, and other stakeholders
- Greater power and obligation given to leadership to implement health and safety standards
- Enforceable requirements for staff consultation and participation
- Refined requirements of hazard identification and risk assessment
- Comprehensive requirements for the supervision of operational, procurement, contractor, and outsourcing activities
- Stronger requirements for the management of organizational change
- Greater focus on measuring the key performance indicators of occupational health and safety



2. Structural changes: ISO45001 uses the high-level architecture of ISO Guide 83

3. Core content comparison:

- Besides the elimination of "preventive measures", the core principles of risk management remain unchanged
- The PDCA principle has been kept consistent, though some terms have been altered

Trial Guidelines for the Registration of Stationary Discharge Sources

[Full Text](#)

General Office of the Ministry of Ecology and Environment of the People's Republic of China | Release Date 2020-01-06 | Effective From 2020-01-06

1. Implementation scope and registration time limit

This standard will be implemented in accordance with the "Classified Administrative Inventory of Pollutant Discharge Permits for Stationary Discharge Sources (2019 Edition)".

Existing organizations must complete the pollutant discharge registration form within the time limit prescribed by the Ministry. Newly established organizations shall fill in a pollutant discharge registration form before production or pollutant discharge.

2. Registration method

Registration must be completed online using the pollutant discharge information platform

(<http://permit.mee.gov.cn/permitExt>). After completing the pollutant discharge registration form, each organization automatically receives a registration number and receipt from the system.

3. Content of the registration form

Amongst other questions, the pollutant discharge registration form collects each organization's name; registered address; legal representative or person in charge; contact information; address of production and business operations; industrial category; unified social credit code or organization code; major products and production capacity; and, other basic information regarding pollutant sources and applicable pollutant discharge limits.

Opinions on Further Strengthening the Control of Plastic Pollution

[Full Text](#)

National Development and Reform Commission, Ministry of Ecology and Environmental of the People's Republic of China | Release Date 2020-01-16 | Effective From 2020-01-16

1. Prohibit and restrict the production, sale and use of plastic products

The memorandum forbids the production and sale of plastic shopping bags thinner than 0.025 millimeters and of polyethylene film thinner than 0.01 millimeters; forbids the use of medical waste as raw material to manufacture plastic products; and, prohibits importing waste plastics. The production and sale of disposable plastic tableware and disposable plastic cotton swabs will be forbidden from the end of 2020 and the sale of household chemicals containing plastic beads will be prohibited from the end of 2022. Further requirements of the memorandum are detailed below.



Plastic Product Prohibitions and Restrictions, 2020-2025

Plastic Product	From the End of 2020	From the End of 2022	From the End of 2025
Non-biodegradable plastic bags	Applicable to municipal cities, provincial capital cities, and other specially listed cities. Specific locations prohibited from usage include shopping malls, supermarkets, drugstores, bookstores, and takeaway food services. Bazaars are permitted restricted usage only.	Extended to all cities and coastal counties.	Non-biodegradable plastic bags are prohibited in bazaars of all cities and coastal area counties. Other areas will be encouraged to stop using where possible.
Disposable plastic tableware	The use of non-biodegradable disposable plastic straws will be prohibited in the catering service nationwide. The use of non-biodegradable disposable plastic tableware will be prohibited in catering services and tourist attractions in all major cities.	Catering services and tourist attractions in all counties will be prohibited from using non-biodegradable disposable plastic tableware.	The use of non-biodegradable disposable plastic tableware for takeaway food in major cities will be decreased by 30%.
Disposable plastic products for hotels	Luxury hotels and restaurants across the country will not automatically provide disposable plastic products.	--	Extended to all hotels and restaurants nationwide.
Plastic packaging for postal services	Express postal services in Beijing, Shanghai, Jiangsu, Zhejiang, Fujian, Guangdong, and other provinces and cities will be prohibited from using non-biodegradable plastic packaging and disposable woven plastic bags. Restricted usage of non-biodegradable plastic tape will be permitted.	--	Non-biodegradable plastic packaging, plastic tape, disposable woven plastic bags, etc. will be prohibited in all express postal services nationwide.

2. Promote environmentally friendly products and business models

- Promote the production and adoption of environmentally friendly products
- Cultivate and optimize new models for sustainable business management

3. Standardize the recycling and disposal of plastic waste

Approval and Release of Seven National Standards

[Full Text](#)

National Administration of Market Supervision, National Standardization Management Committee | Release Date 2020-03-04 | Effective From 2020-12-01/2021-04-01

GB 38507-2020 will be implemented from April 1, 2021, while the other six standards will be enforced from December 1, 2020.

● Renewal of 5 existing standards:

- Limits for Harmful Substances in Woodware Coatings (GB 18581-2020)
- Limits for Harmful Substances in Architectural Wall Coatings (GB 18582-2020)
- Limits for Harmful Substances in Vehicle Coatings (GB 24409-2020)
- Limits for Harmful Substances in Industrial Protective Coatings (GB 30981-2020)
- Limits for Volatile Organic Compounds in Adhesives (GB 33372-2020)

● Establishment of 2 new standards:

- Limits for Volatile Organic Compounds in Printing Ink (GB 38507-2020)
- Limits for Volatile Organic Compounds in Cleaning Agents (GB 38508-2020)

Local News

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Guang Dong **Interim Ordinance on Safe Production Management for Enterprises Resuming Production after Holidays (2020-3-17)**

- Before enterprises resume production, they must convene a special meeting on production safety; establish a production resumption plan and an emergency response plan; carry out a comprehensive safety inspection; and, provide safety training for all employees.
- Labor-intensive enterprises must inspect all areas of operation with potential safety risks, including those engaged in the manufacture of food, machinery, furniture, wood products, plastics, textiles, clothing, apparel, shoes, hats, leather, toys, handicrafts, etc.
- Specific labor-intensive enterprises must be fully inspected, including high-rise buildings; underground spaces; waste recycling and processing centers; fire-fighting facilities; and, emergency evacuation facilities.
- Relevant enterprises in key industries such as machinery manufacturing, ammonia-related refrigeration, etc. shall conduct production safety inspections after resuming work.

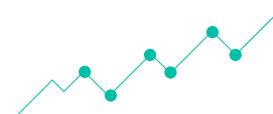
Shang Hai **Shanghai Air Pollution Prevention and Control Plan for 2020 (2020-3-26)**

● **Target:**

By the end of 2020, the city aims to reduce each district's annual average air concentration of PM2.5 to less than or at least equal to the level recorded in 2019; approximately 80% of the city's Air Quality Index (AQI) results will achieve the classification of "Good"; and, weather anomalies caused by heavy pollution will be eliminated.

● **Actions:**

1. Consolidate and deepen control of industrial sources of air pollution
 - Complete pollution control tasks at 20% of key VOCs-emitting enterprises by the end of 2020
 - Upgrade small and medium-sized oil-fired/gas-fired boilers by the end of September 2020
 - Introduce clean energy sources to 66 industrial furnaces, remove 17, and retrofit 24
 - Urge key enterprises to formulate and implement an annual air pollution prevention and control plan
2. Strengthen the monitoring and supervision of mobile sources of air pollution
3. Prevent and control fugitive air emission sources
4. Deepen cooperation with other provinces in the Yangtze River Delta to strengthen air pollution prevention and control plans



Jiang Su **Discharge Standard for Water Pollutants in Chemical Industries (DB 32 / 939-2020)**

- The standard specifies wastewater discharge limits for chemical industries in Jiangsu province.
- The new discharge limits will be enforced on all new chemical plants constructed after 1 March 2020 and applied to all existing chemical plants from 1 January 2022.

Guang Dong **Inventory of Key Pollutant Discharge Organizations in 2020 (2020-3-13)**

In accordance with the "Trial Administrative Regulation for the inventory of Key Pollutant Discharge Organizations", Shenzhen has recorded 2020 data on 842 organizations discharging wastewater, waste air, and other pollutants.

Related Links:

[Announcement of 16th Batch of Key Enterprises for Compulsory Clean Production Audit, Jiangsu Department of Ecology and Environment](#)

Latest Standard

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No.	Name	Release Date	Effective Date
National Standard			
GB 18581-2020	Limit of harmful substances of woodware coatings	2020-03-04	2020-12-01
GB 18582-2020	Limit of harmful substances of architectural wall coatings	2020-03-04	2020-12-01
GB 24409-2020	Limit of harmful substances of vehicle coatings	2020-03-04	2020-12-01
GB 30981-2020	Limit of harmful substances of industrial protective coatings	2020-03-04	2020-12-01
GB 33372-2020	Limit of volatile organic compounds content in adhesive	2020-03-04	2020-12-01
GB 38507-2020	Limits of volatile organic compounds (VOCs) in printing ink	2020-03-04	2021-04-01
GB 38508-2020	Limits for volatile organic compounds content in cleaning agents	2020-03-04	2020-12-01
GB/T 45001-2020	Occupational health and safety management systems—Requirements with guidance for use	2020-03-06	2020-03-06
GB/T 38538-2020	Index system and assessment method for greenization of the industrial park infrastructure	2020-03-06	2020-10-01
GB/T 38599-2020	Safety valves and bursting disc safety devices in combination	2020-03-31	2020-10-01
GB/T 26548.4-2020	Hand-held portable power tools—Test methods for evaluation of vibration emission—Part 4: Straight grinders	2020-03-31	2021-02-01
GB/T 18920-2020	The reuse of urban recycling water—Water quality standard for urban miscellaneous use	2020-03-31	2021-02-01
GB/T 17045-2020	Protection against electric shock—Common aspects for installations and equipment	2020-03-31	2020-10-01
Industry Standard			
HJ 1121-2020	Technical specification for application and issuance of pollutant permit on industrial furnace	2020-03-27	2020-03-27

No.	Name	Release Date	Effective Date
HJ 1122-2020	Technical specification for application and issuance of pollutant permit Rubber and plastic products industry	2020-03-27	2020-03-27
HJ 1123-2020	Technical specification for application and issuance of pollutant permit footwear manufacturing industry	2020-03-27	2020-03-27
HJ 1124-2020	Technical specification for application and issuance of pollutant permit—Railway, ship, aerospace and other transport equipment manufacturing industry	2020-03-27	2020-03-27
HJ 1125-2020	Technical specification for application and issuance of pollutant permit—Rare and rare earth metals smelting industry	2020-03-27	2020-03-27
HJ 1111-2020	Technical guidelines for eco-environmental health risk assessment—General principles	2020-03-18	2020-03-18
HJ 1120 -2020	Technical specification for application and issuance of pollutant permit General wastewater treating process	2020-03-13	2020-03-13
HJ 1115-2020	Technical specification for application and issuance of pollutant permit metal foundry industry	2020-03-04	2020-03-04
HJ 1116-2020	Technical specification for application and issuance of pollutant permit—Manufacture of paint, ink, pigments and allied products	2020-03-04	2020-03-04
HJ 1117-2020	Technical specification for application and issuance of pollutant permit Ferroalloy and electrolytic manganese industry	2020-03-04	2020-03-04
HJ 1118-2020	Technical specification for application and issuance of pollutant permit Bulk oil terminal and oil filling station	2020-03-04	2020-03-04
HJ 1119-2020	Technical specification for application and issuance of pollutant permit Graphite and nonmetallic mineral products industry	2020-03-04	2020-03-04
HJ 1101-2020	Technical specification for application and issuance of pollutant permit Coal processing-production of synthesis gas and liquid fuel	2020-02-28	2020-02-28
HJ 1102-2020	Technical specification for application and issuance of pollutant permit for chemical fibers manufacturing industry	2020-02-28	2020-02-28
HJ 1103-2020	Technical specification for application and issuance of pollutant permit Specialty Chemicals manufacturing industry	2020-02-28	2020-02-28
HJ 1104-2020	Technical specification for application and issuance of pollutant permit Daily chemical products manufacturing industry	2020-02-28	2020-02-28
HJ 1096-2020	Technical guidelines of accounting method for pollution source intensity ceramics products manufacturing	2020-01-17	2020-03-01
HJ 1097 -2020	Technical guidelines of accounting method for pollution source intensity automobile manufacturing industry	2020-01-17	2020-03-01
HJ 1091-2020	Technical guideline on pollution prevention and control for solid waste recycling	2020-01-13	2020-01-13

No.	Name	Release Date	Effective Date
HJ 1092-2020	Technical specifications for ceramic industry exhaust gas treatment	2020-01-13	2020-01-13
HJ 1093-2020	Technical specifications for industrial organic waste gas treatment by regenerative thermal oxidation	2020-01-13	2020-01-13
HJ 8.2 -2020	Specification for Management of ecological and environmental archives ecological and environmental monitoring	2020-01-10	2020-04-01
HJ 1083-2020	Self-monitoring technology guidelines for pollution sources —Wastewater treatment	2020-01-08	2020-04-01
HJ 1084-2020	Self-monitoring technology guidelines for pollution sources — Food manufacturing industry	2020-01-08	2020-04-01
HJ 1085-2020	Self-monitoring technology guidelines for pollution sources— Alcohol products and beverage manufacturing industry	2020-01-08	2020-04-01
HJ 1086-2020	Self-monitoring technology guidelines for pollution sources — Coating	2020-01-08	2020-04-01
HJ 1087-2020	Self-monitoring technology guidelines for pollution sources —Manufacture of paint and ink	2020-01-08	2020-04-01






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