

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 consulting firm providing full service solutions in the fields of environmental, health and safety, water and energy conservation and global supply chain sustainability management. 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 provide the finest services to leading multinational corporations, governments, and international organizations in China and other regions.

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National Headlines

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People's Republic of China Law on the Prevention and Control of Environmental Pollution from Solid Waste (Revised in 2020)

Ministry of Ecology and Environment of the People's Republic of China | Release Date 2020-04-18 | Effective Date 2020-09-01

1. Key Revision:

- Project developers are responsible for inspection and acceptance of the solid waste pollution control facilities
- Promoting the minimization of municipal/food waste from entering landfills or incineration
- Standardizing medical waste treatments and their emergency response mechanisms
- Imposing the most stringent legal liability on solid waste polluters

2. Industrial solid waste generators shall establish and improve **the roles and responsibilities (R&R) system for waste pollution prevention**, starting from waste generation, collection, storage, transportation, utilization and to final disposal.

3. Main requirements:

Inspection and Acceptance

Project developers shall conduct inspections and acceptance of the solid waste pollution prevention facilities and disclose the inspection and acceptance report to the public.



Waste Generation Permit

Industrial solid waste generators shall obtain pollutant discharge permits (PDP) in accordance with relevant state regulations. If the industrial solid waste generator has a comprehensive PDP which permits hazardous waste generation, it shall implement the hazardous waste management system in accordance with the comprehensive PDP.



Waste Recording System

Industrial solid waste generators shall establish an industrial solid waste management recording system to record the waste categories, quantities, transport destinations, storages, reuses, and final disposal



Recording Waste Transfers and Reuse

Enterprises shall record solid waste information with the provincial level EPBs where the solid waste is generated prior to transferring the waste to another provinces, autonomous regions or municipalities for reuse.



Downstream Waste Control

Enterprises shall validate the qualifications of solid waste vendors and have legal contracts with the vendors. Solid waste pollution control requirements shall be clearly described in the contract. Solid waste generators and solid waste vendor are jointly liable for the pollution and ecological damages caused by mishandling or improper treatment of solid waste.



Information Disclosure

Entities that generate, collect, store, transport, utilize, and dispose solid wastes shall promptly disclose information on the solid waste generation and control as required by law and shall accept supervision by the public.



Municipal Waste Classification

Municipal waste generators has the obligation to reduce waste at source and properly sort the waste in accordance with the law. All entities shall have the municipal waste sorted at designated locations. It is illegal to dump, spread, or burn municipal waste at random.



Food Waste Treatment

Food waste generators or collectors shall commission qualified food waste vendors for proper waste treatment.



Environmental Management and Registration of New Chemical Substances Full Text

Ministry of Ecology and Environment of the People's Republic of China | Release Date 2020-04-29 | Effective Date 2021-01-01

The 2010 Environmental Management of New Chemical Substances (Ministry of Environmental Protection Order No. 7) has been repealed.

1. Applicability

The regulation applies to new chemicals used for research, production, import and processing within China. Imported new chemical substances temporarily stored within the special custom supervision zones in China with no alteration are exempt.

2. Types of Registration

- **Routine registration:** annual production or import volume of the new chemical substances is over 10 tons;
- **Simple registration:** annual production volume or import volume of new chemical substances is over 1 ton but less than 10 tons;
- **Filing:** annual production or import volume of new chemical substances is less than 1 ton; or the polymer with new chemical monomers or reactant content not exceeding 2%; or the polymer of low concern.



3. Material information confidentiality: applicants can apply for intellectual protection (IP) protection; the IP protection period shall not exceed 5 years from the date of initial registration or filing.

4. Registrars: business entities registered in China that are involved in the production, import and/or sales of new chemical substances.

5.Re-registration: the new chemical substances that have been registered but are under any of the following scenarios shall go through re-registration procedure:

- The production or import quantity exceed the application registration quantity;
- The new chemical substances will be changed from import to production;
- The organizations intending to change the application method of chemical substances;

Other circumstances that may increase environmental risks.

6. Registration Changes:

- Organization shall apply registration change for those that have been registered but have information change, unless the organizations are subject to the re-registration scenario as listed on the Article 6.

Related Links: [Announcement on Supplementing the Inventory of Existing Chemical Substances in China](#)

Interim Regulation on Fire Protection Design Review and Acceptance of Construction Projects

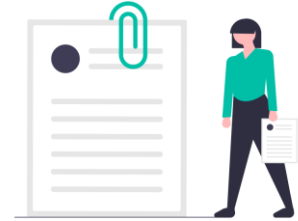
[Full Text](#)

Ministry of Housing and Urban-Rural Development of the People's Republic of China | Release Date 2020-04-01 | Effective Date 2020-06-01

1. Applicability

- **Special construction projects** (production, storage, loading and unloading of explosive and dangerous products, factories, warehouses, etc): review and acceptance of fire protection designs
 - **Other construction projects:** fire protection plan filing and spot checks
- 2. Agency for review and acceptance of fire protection designs** - [Housing and Urban-Rural Construction Bureau](#)
 - 3. Documents required for fire protection design review :** ① Fire protection design review application form; ② Fire protection design documents; ③ Construction project planning permit, if necessary; ④ Approval documents for temporary buildings if the project involves temporary buildings
 - 4. Documents required for fire protection acceptance:** ① Acceptance application form; ② Acceptance report of project completion; ③ As-built drawings for fire protection.
 - 5. Fire protection designs that have been approved under the existing regulation are valid till the new regulation takes effect on June 1, 2020.**

6. Filing management: The developer for construction project subject to filing management shall file the required documents at fire protection design agency within five working days following the fire protection completion acceptance.



Relevant Links: [Decision on the repeal of the Regulations on Fire Protection Supervision and Management of Construction Projects\(2020-06-01\)](#) [Opinions on Strengthening Fire Law Enforcement Reform](#)

Notice on Mitigation Time Limits for Non-compliance Violations at Facilities with Stationary Pollutant Discharge Sources [Full Text](#)

Ministry of Ecology and Environment | Release Date April 4, 2020 | Effective Date April 4, 2020

1. The environmental protection agency will NOT issue nor renew PDP to those entities who can not meet PDP discharge limits, have insufficient information or other non-compliance violations.

Mitigation Timeline:

- Mandatory mitigation timeline varies from 3 months to 1 year.
- Difficult or complicated non-compliance issues may be granted a longer mitigation timeline but not exceeding 1 year.
- Entities with violations must submit practical mitigation plans
- Entities shall submit mitigation completion reports in order to apply for PDP or PDP renewal.



Regulations for Supervision and Inspection of Major Repair and Rectification of Lifting Machinery Full Text

State Administration of Market Supervision and Administration | Release Date 2020-05-15 | Effective Date 2020-06-01

Article 4 : General gantry cranes and bridge cranes shall be inspected and approved by agency after they are newly imported from producer and installed onsite. These cranes are not required for inspection and approval when they are uninstalled and then re-installed, but they shall be periodically tested and inspected by certificated vendor in accordance with the requirements of the [“Regulations for Periodic Inspection of Lifting Machinery” \(TSG Q7015\)](#).

General principle of energy audits (GB/T 17166-2019) Full Text

Release Date 2019-10-18 | Effective Date 2020-05-01

Key points

Compared with the old standard, the new version requires to install measuring instruments to carry out energy efficiency testing for on-site auditing. It shows that energy auditing focus on-site measurement and it uses data as the basis for potential calculation and analysis. The revision greatly improved the depth of the report, indicated that the development direction for the energy audit business.

Guiding Opinions of the Ministry of Housing and Urban-Rural Development on Promoting Construction Waste Reduction Full Text

Ministry of Housing and Urban-Rural Development | Release Date 2020-05-08 | Effective Date 2020-05-08

1. Goals

- By the end of 2020, regional governments will establish mechanisms for reducing construction wastes.
- By the end of 2025, regional governments will promote the mechanisms for reducing construction wastes, including no more than 300 tons (200 tons) of construction wastes, excluding engineering muck and engineering mud, for every 10,000 square meters of new construction (prefabricated construction).

2. Corporate Responsibility

The project developers shall incorporate the construction waste reduction targets and measures into the bidding documents and contracts, and the construction waste reduction measure fees

into the project budgets. The project developer shall also monitor the actual implementation.

Relevant Links: [List of enterprises that meet the Code for Industry Standardization of Construction Waste Resources\(the third batch\)](#)



Guangdong

Notice on Issuing Volatile Organic Compounds (VOCs) Recording Systems for Priority Enterprises (2020-5-8)

- **VOC Content in Raw and Auxiliary Material**

1. Purchase orders
2. Delivery records
3. VOC material consumption and VOC content information table

4. VOC material test reports

5. VOC material safety datasheet (SDS)

- **VOC Emission Treatment Facilities**

6. Conceptual designs of the emission treatment facilities

7. VOC emission control and treatment contracts

8. Operational manuals for VOC treatment facilities

9. Routine inspection records

10. VOC monitoring reports

- **Hazardous wastes**

11. Hazardous waste disposal contracts

12. Hazardous waste transfer manifests

13. Qualifications for hazardous waste treatment vendor

- **Other materials**

14. "One plan for one enterprise " for priority enterprises

15. Implementation plans for "one plan for one enterprise "

16. Expert reviews on the "one plan for one enterprise "

17. Scorecards for on-site inspection of enterprises

18. Correction summary reports for "one plan for one enterprise " (or "Correction Details")

19. EIA reports / EIA report forms

20. EIA approvals

Provincial/city level priority enterprises shall archive documents listed above for a minimum of 3 years; Non priority enterprises shall archive documents #1, #2, #14-12, #18-19, for a minimum of 3 years.

Shanghai

Technical Guidances on VOC Controls for 1) the Auto manufacturing and 2) Auto Part Manufacturing (Coating) (Trial), by Shanghai Municipal Bureau of Ecology and Environment (2020-4-14)

- Technical guidance on VOC controls for the auto manufacturing industry

This guidance specifies feasible technologies for prevention and control of VOC pollution in the auto manufacturing industry, which is applicable to the technical requirements for emission control of VOCs in automobile coating process of M1, M2 and M3 vehicle manufacturers, as specified in GB / T 15089. It is not applicable to the air emission control in automobile modification, automobile maintenance and parts coating process.

- Technical guidance for VOC control in auto parts manufacturing (coating)

This guidance specifies the feasible technology of VOCs emission control in the coating process of automobile parts manufacturing industry (c366: automobile parts and accessories manufacturing, according to the national economic industry classification). It is not applicable to the air emission control of automobile manufacturing, automobile refitting and automobile maintenance coating process.

Shanghai

Circular for soil pollution prevention and control to promote the solution of outstanding soil pollution problems

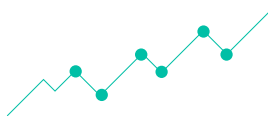
- Promote the soil pollution prevention and control in agricultural land
- Properly conduct risk-based control at polluted construction land
- Establish information sharing mechanism and strengthen the information sharing among different departments
- Strict enforcement

Zhejiang

Notice on publishing the 2020 inventory of key pollutant discharge units in Zhejiang Province (May 12, 2020)

In 2020, there are a total of 3,972 key pollutant discharge enterprises, including 2,362 for wastewater discharges, 1,045 for air emission, 1,664 for soil pollution and 407 for others.

Related link: [List of enterprises passing the mandatory cleaner production audit in 2019 and the list of enterprises planning for the mandatory cleaner production audit in 2020\(Zhejiang\)](#)



Latest Standards

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No.	Titles	Release Dates	Effective Dates
National Standards			
GB 38900-2020	Inspection Methodologies for Safety Features in Motor Vehicles	2020-05-26	2021-01-01
GB 18384-2020	Safety Requirements for Electric Vehicles	2020-05-12	2021-01-01
GB 38031-2020	Safety Requirements for Electric Vehicle Batteries	2020-05-12	2021-01-01
GB 38032-2020	Safety Requirements for Electric Buses	2020-05-12	2021-01-01
Industrial Standards			
HJ 1133-2020	Ambient Air and Waste Gas - Determination of Arsenic, Selenium, Bismuth, Antimony in Ambient Particle Matter - Atomic Fluorescence Spectrometry	2020-05-15	2020-08-15
HJ 1132-2020	Stationary Source Emission— Determination of Nitrogen Oxides — Portable Ultraviolet Absorption Method	2020-05-15	2020-08-15
HJ 1131-2020	Stationary Source Emission— Determination of Sulphur Dioxide — Portable Ultraviolet Absorption Method	2020-05-15	2020-08-15
HJ 945.3-2020	Technical Guideline for Developing Watershed Pollutant Discharge Standards	2020-05-20	2020-07-01
HJ 1130-2020	Technical Guideline for Numerical Forecasting of Ambient Air Quality	2020-05-15	2020-08-15
DB32/T 3794-2020	Guidelines for Industrial Parks to Evaluate Environmental Emergency	2020-05-25	2020-06-25
DB32/T 3795-2020	Guidelines for Enterprises & Industrial Parks on Environmental Emergency Response Plans	2020-05-25	2020-06-25






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EHS Audit

Due Diligence

IPE Finding
Mitigation

Environment
Assessment &
Remediation

VOC Assessment &
Treatment

Green Supply
Chain

Energy Conservation

EHS Management

Regulatory Service

Water Conservation and
Wastewater Treatment