

# Anew E&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

# Advice for Return-to-work during 2019 Novel Coronavirus Outbreak Season

## 1. Staffs Physical Condition Confirmation

- 1) Keep employees' travel history of last 14 days, identify those with close contact to confirmed or suspected case of coronavirus pneumonia.
- 2) Measure everyone's body temperature before he/she enters the office, making sure only those with temperature below 37.3 degree can enter.

## 3. Office Site Advice

- 1) Keep office area clean
  - Good ventilation with enough fresh air.
  - Disinfect offices at least once a day by 100mg/L Chlorine disinfectant or 500mg/L Chlorine dioxide disinfectant is recommended.
- 2) Advise staffs to keep wearing face masks in office area.
- 3) Replace face-to-face meeting by teleconference when possible.
- 4) Arrange staffs with different meal time and separated dining spots.
- 5) Encourage staffs to bring their own lunch boxes.
- 6) Prepare necessary materials:
  - Thermometer
  - Chlorinated disinfectants
  - Disposable medical mask
  - Garbage bins for discarded mask
  - Isolation room for suspected case

## 2. Travel Advice

- 1) Avoid travel in countries or areas with ongoing transmission of the 2019-nCoV.
- 2) Avoid travel if you have a fever or cough.
- 3) Keep wearing a mask in public area, and make sure to cover mouth and nose. Do not touch mask once it's on.
- 4) Avoid close contact with people suffering from fever or cough.
- 5) Eat only well-cooked food.



## 4. Protect Yourself and Others

### 1) Wash you hands frequently

Washing your hand with soap and water or using alcohol-based hand rub can eliminate the virus.

### 2) Respiratory hygiene practice

When coughing and sneezing, cover your mouth and nose with elbow or tissue (discard tissue immediately into a closed bin and clean your hands).

### 3) Maintain distance with other people

Maintain at least 1 meter distance with other people, particularly those who are coughing, sneezing and having a fever.

### 4) Prevent your hands from touching eyes, nostrils or mouth

5) If you have fever, cough and/or difficulty in breathing, consult with medical care immediately.

6) Avoid consumption of raw or undercooked animal products.

Reference: World Health Organization website & China <2019 Novel Coronavirus Pneumonia Training Manual>: <https://www.who.int/emergencies/diseases/novel-coronavirus-2019>

# National Headlines

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## Issuance: Guide to the Investigation, Risk Assessment, Risk Management and Control, and Remediation Effect Evaluation Report Review of Soil Pollution on Industrial Land

[Full Text](#)

General Office of the Ministry of Ecology and Environment, General Office of the Ministry of Natural Resources | Release Date 2019-12-17 | Effective Date 2019-12-17

- 1. Scope of application:** The industrial lands with soil pollution risks, based on investigation or survey, and the industrial lands planned to changed its usage to residential or commercial purpose shall undertake expert panel review of their soil pollution investigation reports, human health based risk assessment reports, and remediation effect assessment reports etc.
- 2. Review agencies:**
  - Provincial eco-environmental agencies will review the risk assessment reports, risk management and control effect assessment reports and remediation effect assessment reports, in conjunction with natural resource agencies and other agencies ;
  - Local eco-environmental agencies will review the soil contamination investigation report, in conjunction with natural resource agencies.
- 3. Review process:** Submit the Application → Authority Pre-review → Expert Review

## Management Measures on the Road Transport Safety of Dangerous Goods

[Full Text](#)

Ministry of Transport of the People's Republic of China | Release Date 2019-11-10 | Effective Date 2020-01-01

### 1. Strengthen the management of consignment, transportation, loading and unloading

- The dangerous goods consignment list shall include: shipper; carrier; consignee; loading worker; departure location; destination; the category, item, product name, quantity, packaging and specifications of dangerous goods; emergency contact number and other information; as well as information on the dangerous characteristics of dangerous goods, transportation precautions, first aid measures, fire protection measures, emergency response measures for leakage, and measures for secondary environmental pollution treatment.
- The shipper consigns highly toxic chemicals, or radioactive materials, etc., shall accordingly provide the carrier with the road transport permit for highly toxic chemicals, radioactive materials issued by the public security organization.

### 2. Specify special management requirements for Excepted Quantities, Limited Quantities of dangerous goods, etc.

- **Excepted Quantities of dangerous goods:** The number of packages carried by the transport vehicle shall not exceed 1,000 (Specific requirements reference to Excepted Quantities and Packing Requirements of Dangerous Goods (GB28644.1-2012) ). Packaging, labelling, package testing and maximum quantity of every inner container and outer container shall be according to Regulations Concerning Road Transportation of Dangerous Goods (JT/T 617).
- **Limited Quantities of dangerous goods:** The total gross weight of the package shall not exceed 30kg (Specific requirements reference to Limited quantities and packing requirements of dangerous goods (GB 28644.2-2012) ). Packing, labelling, maximum quantity and total weight of every inner container shall be according to Regulations Concerning Road Transportation of Dangerous Goods (JT/T 617).

### 3. Strengthen the safety management of dangerous goods transportation equipment

## Announcement on the Release of 5 National Environmental Protection Standards

Ministry of Ecology and Environment of the People's Republic of China | Release Date 2019-12-05 | Effective Date 2019-12-05

Standards of *Technical Guidelines for Environmental Site Investigation* (HJ 25.1-2014), *Technical Guidelines for Environmental Site Monitoring* (HJ 25.2-2014), *Technical Guidelines for Risk Assessment of Contaminated Sites* (HJ 25.3 -2014), *Technical Guidelines for Site Soil Remediation* (HJ 25.4-2014) and *Terms of Contaminated Sites* (HJ 682-2014) are abolished.

### 1. Technical Guidelines for Investigation on Soil Contamination of Land for construction (HJ 25.1-2019)

**Compared with 2014 Edition:**

- Remove the starting conditions for the Phase III contaminated site investigation
- Update the requirement for sample analysis plan development, such as the modification of some analysis methods

### 2. Technical Guidelines for Monitoring during Risk Control and Remediation of Soil Contamination of Land for Construction (HJ 25.2-2019)

**Terms modification:** replace “remediation project acceptance” with “remediation effect assessment”

**Compared with the 2014 Edition:**

- Well flushing shall be conducted before groundwater sampling, and sampling shall be conducted with stable water quality and water level

### 3. Technical Guidelines for Risk Assessment of Soil Contamination of Land for Construction (HJ 25.3-2019)

**Compared with the 2014 Edition:** The toxicity, physicochemical parameters, recommended parameters and calculation formulas of some pollutants are revised.

**The following work contents and corresponding technical requirements are also revised :**

- **Hazard identification:** collect relevant data → identify pollutants of concern
- **Exposure assessment:** analyze exposure scenarios → determine exposure pathways → calculate soil and groundwater exposure for the Category I Land → calculate soil and groundwater exposure for the Category II Land
- **Toxicity assessment:** analyze the toxic effects of pollutants → determine related parameters of pollutants
- **Risk characterization:** general technical requirements → calculation of soil and groundwater pollution risks → uncertainty analysis
- **Calculation of soil and groundwater risk control values:** acceptable risk of carcinogenicity and hazards → calculate the control value of soil and groundwater risk of the plot → analyze and determine the control value of soil and groundwater risk.

### 4. Technical Guidelines for Soil Remediation of Land for Construction (HJ 25.4-2019)

**Compared with 2014 Edition:**

- **Set the goal of remediation**
- **Select remediation mode** - add "in principle, remediation work should not be carried out offsite, unless the transportation method and route, contaminated soil quantity, destination and final disposal measures are properly determined"

### 5. Terms of Risk Control and Remediation of Soil Contamination of Land for Construction (HJ 682-2019)

This standard specifies the terms and definitions for the risk management and remediation of soil contamination on construction land

## Measures for Supervision and Administration of the Compilation of Environmental Impact Reports (Forms) of Construction Projects

[Full Text](#)

Ministry of Ecology and Environment of the people's Republic of China | Release Date 2019-09-20 | Effective Date 2019-11-01

“Administration Measures for the Qualification of Environmental Impact Assessment of Construction Projects” and “Requirements for the Follow-up of Work Related to the Cancellation of Administrative Licensing for Environmental Impact Assessment of Construction Projects (Trail)” were abolished.

### 1. Consulting organization requirements:

- The project members shall be full-time staff in the organization responsible for EIA development
- The project director shall be a certified environmental impact assessment engineer.

### 2. EIA document preparation requirements:

- One environmental impact assessment report (form) shall be responsible by one organization with one of its staff designated as project director.
- The client shall sign a formal contract with the organization responsible for EIA document development.

All the detailed information, such as the rights, obligations and fees shall be included in the contract.



## Identification Standards for Hazardous Waste General Rules (GB 5085.7-2019)

[Full Text](#)

Ministry of Ecology and Environment of the People's Republic of China | Release Date 2019-11-07 | Effective Date 2020-01-01

Identification Standards for Hazardous Waste General Rules(GB 5085.7-2007) was abolished.

- 1. Scope of application:** This standard applies to the identification of the hazardous characteristics of solid wastes generated from production, living and other activities. This standard applies to the identification of liquid waste. This standard does not apply to the identification of radioactive waste.
- 2. Modified contents:**
  - Article 4.3: the wastes, which are not included in the *National Hazardous Wastes Inventory* but cannot exclude the hazards of corrosion, toxicity, flammability or reactivity, will be tested for identification in accordance with GB 5085.1, GB 5085.2, GB 5085.3, GB 5085.4, GB 5085.5 and GB 5085.6, and HJ 298.
  - The solid wastes generated from the recycling process of hazardous wastes (with toxicity hazard) can be categorized as general solid wastes if they are identified without hazardous characteristics after being tested according to related standards.

## Technical Specifications on Identification for Hazardous Waste (HJ 298-2019) Full Text

Ministry of Ecology and Environment of the People's Republic of China | Release Date 2019-11-12 | Effective Date 2020-01-01

*Technical Specification on Identification for Hazardous Waste (HJ / T 298-2007) was abolished.*

- 1. Scope of application:** This standard specifies the technical requirements for hazardous waste identification process, including the sample collection, sample analysis, and analysis result judgement etc.
- 2. Modified contents:**
  - **Extended the scope of application:** The hazardous waste identification process and technical requirements for environmental incidents are added.
  - **Optimized technical requirements:** Further refine and clarify the requirements in different scenarios, including identification objects, sample numbers, sample analysis, and analysis result judgment etc. The required sample quantities are modified; the required sample quantities for similar production lines (operated in parallel) are added; the required identification cost and timeline are expected to be decreased by diminishing sampling quantities.

## Fire Safety Management Rules for Large Commercial Complexes (Trial) Full Text

Fire Rescue Bureau | Release Date 2019-11-26 | Effective Date 2020-11-26

1. The rules are applicable to commercial complexes that have been built and put into use with a construction area of not less than 50,000 square meters
2. The property owner and users of the large-scale commercial complexes are the liability body.
3. The legal representative or key personnel in charge of the property owner and the user are responsible for the fire safety.
4. The fire safety manager shall be designated by the person in charge of fire safety, and be qualified as fire safety engineer or other middle/high level engineer.
5. The straight-line distance from any point in the business hall to the nearest emergency exit or evacuation door shall not exceed 37.5m, and the walking distance shall not exceed 45m





## Catalogue for Guiding Industry Restructuring(2019 Version)

[Full Text](#)

National Development and Reform Commission | Release Date 2019-10-30 | Effective Date 2020-01-01

The *Catalogue for Guiding Industry Restructuring (2011 Version) (Amendment)* has been repealed at the same time.

### 1. Revised contents:

	Encourage	Restrict	Eliminate
2011 Version	761 Items	223 Items	424 Items
2019 Version	821 Items	215 Items	441Items
Revised Contents	<ul style="list-style-type: none"> <li>Newly added 4 industries including "Human Resources and Human Capital Services", "Artificial Intelligence", "Elderly Care and Care Services", and "Housekeeping"</li> <li>Separated the previous version of "Education, Culture, Health, Sports Services" and set it up separately</li> </ul>	Delete the "fire control" industry	Newly added for "mining" industry

### 2. Highlights of the revision:

- Promote high-quality development of the manufacturing industry: There are more than 900 manufacturing-related items, accounting for more than 60% of the total items as listed on the catalogue.
- Accelerate the development of modern service industries: The newly added types of "human resources and human capital service industry", "elder and child care services", and "housekeeping" on incentive category all belong to service industries.
- Vigorously eliminate invalid supply: moderately increase restriction and elimination standards, and add or modify nearly 100 articles in restriction and elimination categories.
- Promote scientific and standardized levels: clearly indicate the varieties and parameters on the restriction and elimination categories; clear index and parameters are set for the areas with clear development direction as listed on the incentive category.

## Administration Inventory of Pollutant Discharge Permit for Stationary Pollution Source (2019 Edition)

[Full Text](#)

Ministry of Ecology and Environment of the People's Republic of China | Release Date 2019-12-20 | Effective Date 2019-12-20

1. Besides the key-point administration and simplified administration methods in the previous edition, the new inventory add the registration administration method for those enterprises that generate and emit limited pollutants and therefore pose tiny impact to environment. **Emission organizations that are under the category of registration administration method need not apply for PDP.**
2. **30 new industry categories are added to the new inventory, and there will not be deadline for PDP application or discharge information registration.**
3. **The enterprises with the following situation are under key-point administration category :**
  - The annual emission of smoke and dust is more than 500 tons (2017 version: 1000 tons);
  - The annual discharge of COD is more than 30 tons, or the annual discharge of total nitrogen is more than 10 tons, or the annual discharge of total phosphorus is more than 0.5 tons. (New added);

## the Catalogue of Prohibitions, Restrictions and Controls of the First Batch of Hazardous Chemicals in Guangzhou (Trial) (2019-12-12)

The "Catalogue" has come into force on January 1, 2020 and will be valid for three years.

- **Prohibition of varieties of hazardous chemicals:** Unless those are exempted by the State, the hazardous chemicals listed in the 'Prohibited Part' in *Annex 1* of the "Catalogue" are forbidden to be produced, stored, operated, transported, or used throughout the whole city.
- **Restriction and control of varieties of hazardous chemicals**(Such as ammonia, benzene, phenol, acetone, etc.):
  - The hazardous chemicals listed in the "restricted and controlled part" in Annex 2 of the catalogue are allowed to be only used, transported or wholesale operated in Yuexiu, Liwan, Haizhu and Tianhe District; and produced, stored, used, transported or operated in other areas.
  - Unless those are important to national stability and people's livelihood, the dangerous chemicals (except for the prohibited part of dangerous chemicals) not listed in Annex 1 or the "restricted and controlled part" of Annex 2 can only be applied in the city in the form of reagents meeting national standards in the city.
- **Quantity restriction and control of hazardous chemicals:** the organization involving hazardous chemical produce, use, storage and/or transport shall strictly control and limit their storage and use, gradually reduce the number of Category I major hazard sources. Organizations are encouraged to reduce the storage and use of existing dangerous chemicals through technological innovation, using non-dangerous chemicals instead of hazardous chemicals and low-risk hazardous chemicals instead of high-risk ones.

## Soil and Groundwater Pollution Prevention Guideline for Key Soil Pollution Supervision Organization in Shanghai (Trial) (2019-12-31)

### Basic requirements:

1. Leakproof requirements for equipment and facilities
  2. Establish and improve a routine supervision system
  3. Establish and improve a pollution inspection system
  4. Classification of potential soil and groundwater contamination
  5. Clarify the method and frequency of pollution inspection
  6. Carry out pollution inspection
  7. Properly keep the inspection records/reports – the documents should be kept for no less than 10 years
- Comprehensive inspection - no less than once a year
  - Routine inspection – no less than once a month

## Guidelines for the Classification of Safety Risks of Chemical Enterprises in Jiangsu Province (Trial) (2019-10-24)

- Every chemical plant shall conduct at least one safety risk assessment every year to identify the risk levels of different areas within the plant. In the event of changes in production processes, equipment and facilities, operating environment, personnel and management systems, or accidents in the enterprise, the safety risk assessment should be carried out again.

## Notice of Publishing the 2019 Organization List of Key Soil Pollution Supervision in Guangzhou (2019-11-07)

43 enterprises are categorized as key supervisory organizations of soil pollution. The listed enterprises shall regularly conduct soil contamination monitoring, submit the data to designated website and disclose the monitoring information.

### Related Link:

[Notice on Updating and Publishing the Organization List of Key Soil Pollution Supervision in Dongguan](#)



## Latest Standard

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No.	Name	Release Date	Effective Date
<b>National Standard</b>			
GB 5135.1-2019	Automatic Sprinkler System—Part 1: Sprinklers	2019-12-17	2020-07-01
GB 5135.22-2019	Automatic Sprinkler System—part 22: Specific Application Sprinklers	2019-12-17	2020-07-01
GB 12663-2019	Intrusion and Hold-up Systems— Control and Indicating Equipment	2019-10-14	2020-11-01
GB 15322.4-2019	Combustible Gas Detectors— Part 4: Line-Type Optical Beam Combustible Gas Detectors for Industrial and Commercial Use	2019-10-14	2020-11-01
GB 15322.3-2019	Combustible Gas Detectors—Part 3: Portable Combustible Gas Detectors for Industrial and Commercial Use	2019-10-14	2020-11-01
GB 15322.2-2019	Combustible Gas Detectors — Part 2: household Combustible Gas Detectors	2019-10-14	2020-11-01
GB 15322.1-2019	Combustible Gas Detectors—Part 1: Point-type Combustible Gas Detectors for Industrial and Commercial Use	2019-10-14	2020-11-01
GB/T 9978.2-2019	Fire Resistance Tests—Elements of Building Construction—Part 2: Guidance on Measuring Uniformity of Furnace Exposure on Test Samples	2019-12-10	2020-07-01
GB/T 14561-2019	Fire Hydrant Cabinet	2019-12-10	2020-04-01
GB/T 24034-2019	Environmental Management— Environmental Technology Verification	2019-12-10	2019-12-10
GB/T 38144.1-2019	Eye and Face Protection—Emergency Shower and Eyewash Equipment—Part 1: Technical Requirements	2019-12-10	2020-07-01
GB/T 38144.2-2019	Eye and Face Protection—Emergency Shower and Eyewash Equipment—Part 2 : Guidance for Use	2019-12-10	2020-07-01
GB/T 38254-2019	Automatic Control Device for Fire Alarm Receiving and Dispatching System	2019-12-10	2020-07-01
GB/T 38272-2019	Safety of Machinery—Guidelines for Safety Upgrading of Machinery	2019-12-10	2020-07-01
GB/T 38315-2019	Guidelines for Preparation and Implementation of Fire Fighting and Emergency Evacuation Plans for Workplaces	2019-12-10	2020-04-01

No.	Name	Release Date	Effective Date
GB/T 19095-2019	Signs for Classification of Municipal Solid Waste	2019-10-18	2019-12-01
GB/T 38066-2019	Treatment and Disposal for Electroplating Sludge—Classification	2019-10-18	2020-09-01
GB/T 38080-2019	Technical Requirements for Safety Environment and Occupational Health in Mobile Laboratory	2019-10-18	2020-05-01
GB/T 38101-2019	Treatment and Disposal Method for Copper-containing Sludge	2019-10-18	2020-09-01
GB/T 38103-2019	Treatment and Disposal Method for Lithium-containing Waste Materials	2019-10-18	2020-09-01
GB/T 38109-2019	Application Guidance for Safety Accessories and Instruments on Pressure Equipment	2019-10-18	2020-05-01
GB/T 38221-2019	Technical Requirements of the Services Assessment for the Operation Organization of Environmental Protection Facilities	2019-10-18	2020-02-01
GB/T 38224.1-2019	Evaluation on Heavy Metal Wastewater Treatment and Reuse Technology—Part 1: Procedure and Approach	2019-10-18	2020-02-01
GB/T 38224.2-2019	Evaluation on Heavy Metal Wastewater Treatment and Reuse Technology—Part 2: Indicator System	2019-10-18	2020-02-01
GB/T 39001-2019	Road Traffic Safety (RTS) Management Systems—Requirements with Guidance for Use	2019-10-18	2020-05-01
<b>Industry Standard</b>			
HJ 298-2019	Technical Specifications on Identification for Hazardous Waste	2019-11-12	2020-01-01
HJ 91.1-2019	Technical Specifications for Wastewater Monitoring	2019-12-24	2020-03-24
HJ 130-2019	Technical Guidelines for Environmental Impact Assessment General Principle	2019-12-13	2020-03-01
HJ 1066-2019	Technical Specification for Application and Issuance of Pollutant Permit Printing Industry	2019-12-10	2019-12-10
HJ 682-2019	Terms of Risk Control and Remediation of Soil Contamination of Land for Construction	2019-12-05	2019-12-05
HJ 25.4-2019	Technical Guidelines for Soil Remediation of Land for Construction	2019-12-05	2019-12-05
HJ 25.3-2019	Technical Guidelines for Risk Assessment of Soil Contamination of Land for Construction	2019-12-05	2019-12-05

No.	Name	Release Date	Effective Date
HJ 25.2-2019	Technical Guidelines for Monitoring During Risk Control and Remediation of Soil Contamination of Land for Construction	2019-11-12	2020-01-01
HJ 25.1-2019	Technical Guidelines for Investigation on Soil Contamination of Land for Construction	2019-11-12	2020-01-01
HJ 1039-2019	Technical Specification for Application and Issuance of Pollutant Permit—Municipal Solid Waste Incineration	2019-11-12	2020-01-01






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