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Newsletter Content



National Headlines

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



Local News

The latest local regulations and the impacts on business compliance



Latest Standards

The latest industry standards

National Headlines

[Back to TOP](#)

Implementation of the conformity assessment procedures for the Restricted of Hazardous Substances in Electrical and Electronic Products

[Full Text](#)

General Administration of Market Supervision Ministry of Industry and Information Technology | Release Date 2019-05-16 | Effective Date 2019-05-16



Scope of Applicability: Products manufactured in China or imported to China after November 1st, 2019, and those listed in the "Management Inventory for Restriction of Hazardous Substances in Electrical and Electronic Products (First Batch)". The inventory lists 12 product categories: refrigerators, air conditioners, washing machines, electric water heaters, printers, copiers, faxes Machines, televisions, monitors, microcomputers, mobile communication handsets, and telephones.

Testing Standard: The limit and disassembly requirements shall be implemented in accordance with GB/T 26572; the test method shall follow the GB/T 26125 Standard.

Testing Parameters: Lead and its compounds, mercury and its compounds, cadmium and its compounds, hexavalent chromium compounds, polybrominated biphenyls (PBB), polybrominated diphenyl ethers (PBDE) and other hazardous substances regulated by government.

Key Requirements: The suppliers of products listed on the "Management Inventory for Restriction of Hazardous Substances in Electrical and Electronic Products" should conduct either the **National Voluntary Certification or Self-Declaration** in order to satisfy the conformity assessment requirement.

Conformity Assessment Method:

Conformity Assessment Method	Basis	Identification	Time	Information Sender	信息发布
National Voluntary Certification	Voluntary Certification Implementation rules (Certification Body to Issue Implementation Rules)		Product certification within 5 working days	Certification Authority	Public Service Platform for Restricting the Use of Hazardous I Substances in Electrical and Electronic Products
Self-Declaration	Supplier Declaration of Conformity		Within 30 days after the product is on the market	Suppliers (including producers, authorized representatives, etc.)	

Standard for Fugitive Emission of Volatile Organic Compounds (GB 37822-2019)

[Full Text](#)

Ministry of Ecology and Environment | Release Date 2019-05-24 | Effective Date 2019-07-01

1. Effective Date

Effective to new businesses on July 1, 2019, and to existing businesses on July 1, 2020.

2. Applicability—Six Major Areas

- Storage of VOC containing materials, especially storage tanks for VOC containing liquids
- Transportation of VOC containing materials, especially loading/unloading of VOC containing liquids
- Production, especially for chemical production of VOC containing materials and applications of VOC containing materials (such as dispensing, painting, printing, cleaning, etc.)
- Equipment and piping system conveying VOC containing materials, with stipulation on leak proof certification standards, leak detection frequencies, leak repair plans, etc.
- Containers with open liquid surface, especially for wastewater collection and transportation systems, wastewater storage and treatment facilities and cooling water systems
- Fugitive VOC Collection and treatment system, with requirements on the exhaust VOC emission collection and control system, etc.



3. Key fugitive VOC Management— Inventory and Record

Name	Content	Retention Time
Inventory and Record of VOC containing raw materials and products	Name, usage amount, reclamation amount, waste gas, whereabouts and VOCs content of the VOCs-containing materials	≥3years
Inventory and Record of VOCs leakage detection and repairment of the equipment and pipeline systems	Detection date & time, VOC test instrument readings, repair time, repair measures, test instrument readings after repairment, etc.	
Inventory and Record of VOC emission collection and treatment systems	System operation period, treatment capacity, operating temperature, retention time, adsorbent regeneration/replacement cycle and replacement quantity, catalyst replacement frequency and replacement quantity, pH of adsorbent solution, etc.	

4. Notes

- VOC monitoring at facility boundary and surrounding areas should continue to follow GB16297-1996 "the implementation of comprehensive emission standards for air pollutants" or other applicable industrial standards;
- If the initial NMHC emission rate is ≥ 3 kg/h from a facility workshop/production area, or ≥ 2 kg/h from a facility within key air quality administration areas, the business must have an onsite VOC treatment system with >80% treatment efficiency.

5. Relevant links

- [Emission standard of air pollutants for paint, ink and adhesive industry \(GB 37824 - 2019\)](#)
- [Emission standard of air pollutants for pharmaceutical industry \(GB 37823-2019\)](#)

Technical Guideline for Groundwater Remediation and Risk Control of Contaminated Sites (HJ 25.6-2019)

[Full Text](#)

Ministry of Ecological Environment | Release Date 2019-06-18 | Effective Date 2019-06-18

The standard specifies the principle, procedures and requirements for groundwater remediation and risk management of contaminated land.

Applicability: [Technical solution development](#), [engineering design and construction](#), [operation and monitoring](#), [performance evaluation](#) and [environmental supervision post remediation](#).

This standard is **not applicable** to groundwater remediation and risk management at the sites that are contaminated with radioactive and/or pathogens.

Groundwater remedy performance evaluation includes: evaluation scope, sampling node, sampling duration and frequency, sample quantity and location, monitoring parameters, on-site sampling and laboratory testing, assessment criteria and residual pollutant risk assessment.



Post Remediation Groundwater Monitoring Parameters: Target pollutants as specified in the groundwater remediation plan. The groundwater monitoring parameters after chemical oxidation, chemical reduction and microbial remediation shall include secondary pollutants.

Measures for the Administration of Green Product Labels

[Full Text](#)

State Market Supervision and Administration | 2019 No.20 | Release Date 2019-05-05 | Effective Date 2019-06-01

Three means of green product certification :

 <p>CHINA GREEN PRODUCT 中国绿色产品</p>	<p>Green product certification shall be in accordance with the green product evaluation standards and certification rules issued by the General Administration of Market Supervision.</p>
 <p>认证机构标志</p>	<p>The General Administration of Market Supervision and the relevant departments at the State Council jointly promote a unified certification system with green attributes such as use of resources, energy, product quality, environmental protection, energy saving, water saving, recycling, carbon footprint, regeneration, organic and hazardous substances, etc. The certification shall be in accordance with clear certification rules and evaluation basis of relevant systems;</p>
<p>Make it clear in the corresponding system plan</p>	<p>Conformity assessment activities -- self-declaration or certification activities are jointly implemented by the General Administration of Market Supervision and Administration and relevant departments at the State Council</p>

Local News

[Back to TOP](#)

Shanghai

[Guidelines for Implementing Shanghai Household Waste Management Regulation \(2019-05-05\)](#)

Classification Criteria

Recyclable Waste	Household wastes suitable for recycling (such as waste paper, waste plastics, waste glass products, waste metals, waste fabrics, etc.)
Hazardous Waste	Household waste harmful to human health and/or the natural environment (such as waste batteries, waste lamps, waste drugs, waste paint and their containers, etc.)
Household Food Waste	Organic waste (such as food waste, leftovers, expired food, melon nucleus, flower green plants, Chinese medicine dregs, etc.)
Other Waste	Household wastes other than the listed waste above

Other Relevant Regulations :

[Ningbo Household Waste Classification and Management Regulations](#)

[Wuxi Household Waste Classification and Management Regulations](#)

Guangdong

[Dongguan Water Conservation Management Regulations \(2019-05-08\)](#)

Zhe-jiang

[Notice on Publishing 2019 Key Pollution Enterprise in Zhejiang Province \(2019-05-09\)](#)

- Implement planned water supply for water users and tiered water pricing system.
- Implement stricter and progressive price increase system for industries with [high energy consumption](#), [high pollution](#) and [serious overcapacity](#). For those restricted and eliminated enterprises identified and announced by relevant departments, the price increase standards are 150%, 200% and 300% respectively.

A total of 3,710 key pollutant enterprises were identified in Zhejiang Province in 2019, of which 2,074 were key pollutant enterprises in the water environment, 840 were key pollutant enterprises in the atmosphere, 1,435 were key pollutant enterprises in the soil environment, and 320 were other key pollutant enterprises. There were no key pollutant enterprises in sound environment.

Related link: [Key Pollution Enterprise in Henan Province in 2019](#)

Shanghai

[Notice of the Shanghai Municipal Emergency Management Bureau on Printing and Distributing the Implementation Guidelines for the Classification and Control of Enterprise Safety Risks in Shanghai \(2019-05-24\)](#)

Enterprises shall establish a comprehensive management system to systematically assess and control safety risks by working with all employees to [identify and evaluate hazardous situations](#), [determine appropriate risk levels](#), [develop effective control measures](#), [designate DRIs for implementation](#) and [continuously seek ways to improve the safety culture](#).

● Applicable Enterprises

Chemical, pharmaceutical and hazardous chemicals enterprises, metallurgical, nonferrous metals, building materials, machinery, light industry, textiles, tobacco, trade and other industrial and trading enterprises within Shanghai municipality.

● Safety Risk Management and Implementation Steps

Identification of dangerous and hazardous factors → classification of safety risk levels → safety risk assessment → safety risk level confirmation → safety risk management

- **Safety Risk Level:** A (marked as red), B (marked as orange), C (marked as yellow) and D (marked as blue) (from high to low)

- **What is the Water Balance Test?**

Water balance test is a process of systematic water flow monitoring, calculation and analysis for water abstraction and usage unit and system, including findings , corrections, reporting and report registration etc.

- **Who needs to conduct the water balance test?**

Water users with daily water abstraction quantities > 150,000m³ and water users with monthly average water consumption rates > 5,000m³ must conduct water balance tests every five years.

Municipal Water Supply Departments and District Water Administration Departments will send the testing requirements to water users by the end of June every year.

- **How to conduct the water balance test?**

The test is conducted either by the water user or by a 3rd party professional consultant.

- **Which regions can implement the linkage?**

The regions that: 1. have completed the regional environmental impact assessment (REIA) and passed the review; 2. have effectively implemented the REIA conclusions and incorporated the review comments; 3. Are not within in the restricted area requiring approval by local environmental authorities

- **Implementation of specific measures for linkage**

1. Exemptions from EIA Procedures

The municipal infrastructure projects and standard workshop construction projects that are not in the *Key Industry Directory of Environmental Impact Assessment Classification Management of Shanghai Construction Projects*, and are not in Article 3: List of *Classified Management of Environmental Impact Assessment of Construction Projects*, are exempt from EIA procedures.

2. Streamline EIA Documents

If an EIA report was originally required for a construction project, but the project is not in the *Key Industry Directory of Environmental Impact Assessment Classification Management of Shanghai Construction Projects*, then the project can prepare an EIA form instead.

3. Streamline Project EIA and Environmental Data Sharing

Construction project EIA documents do not need to evaluate the status of regional environmental quality (except for characteristic pollution factors that were not included in the regional EIA)

4. Optimize Public Participation

- The *Water Pollution Prevention Supervision and Management* chapter was added to merge the environmental impact assessment policy, the total pollutant quantity control policy and the Pollutant Discharge Permit(PDP) policy.

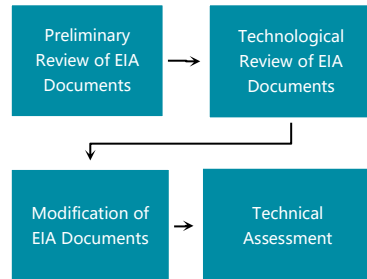
- Improved groundwater pollution prevention and control measures, requiring chemical production, storage and use enterprises as well as operation and management units such as industrial agglomeration areas, mining areas, tailings ponds, hazardous waste disposal sites, landfills, etc., shall take measures to prevent leakage and monitor the groundwater quality.

- If the business units discharge pollutant into the water body without PDPs, or incompliant to the requirement as specified on PDPs, the amount of the fine is adjusted from “more than 20,000 yuan to 200,000 yuan” to “100,000 yuan or more and less than 1 million yuan”.

- **Scope of Application**

Technical assessment of environmental impact assessment documents for construction projects that need to be approved by the Municipal Ecological Environment Bureau

- **Evaluation Process**



Latest Standards

[Back to TOP](#)

Standard Number	Name	Release Date	Effective Date
National Standard			
GB/T 37422-2019	Method and Criteria for Green Packaging Assessment	2019-05-10	2019-05-10
GB/T 18857-2019	Technical Guide for Live Working on Distribution Line	2019-05-10	2019-12-01
GB/T 37392-2019	General Specifications of Stamping Robots	2019-05-10	2019-12-01
GB/T 37515-2019	Specifications for Construction of Recyclable Resources Recycling System	2019-05-10	2019-05-10
GB 37822-2019	Standard for Fugitive Emission of Volatile Organic Compounds	2019-05-24	2019-07-01
GB 37823-2019	Emission Standard of Air Pollutants for the Pharmaceutical Industry	2019-05-24	2019-07-01

GB 37824-2019		Emission Standard of Air Pollutants for Paint, Ink and Adhesive industry	2019-05-24	2019-07-01
GB/T 27685-2019		Portable Aluminum Alloy Ladder	2019-06-04	2020-05-01
GB/T 37521.1-2019		Security Check for Anti-explosives at Key Places—Part 1: Foundations	2019-06-04	2019-12-01
GB/T 37521.2-2019		Security Check for Anti-explosives at Key Places—Part 2: Capability Assessment	2019-06-04	2019-12-01
GB/T 37521.3-2019		Security Check for Anti-explosives at Key Places—Part 3: Procedures	2019-06-04	2019-12-01
GB/T 37624-2019		Stationery and Sport Products and Parts—General Requirements on Volatile Organic Compounds (VOC)	2019-06-04	2020-01-01
GB/T 37752.1-2019		Industrial Furnaces and Associated Processing Equipment—Safety—Part 1: General requirements	2019-06-04	2020-01-01
GB/T 37648-2019		Assessment Indicator System of Cleaner Production—Wood Furniture Manufacturing	2019-06-04	2020-01-01
GB/T 5226.1-2019		Electrical Machinery Safety - Electrical Equipment of Machines—Part 1: General Requirements	2019-06-04	2020-05-01
GB/T 5169.45-2019		Fire Hazard Testing for Electric and Electronic Products--Part 45: Guidance for Assessing Fire Hazards - Fire Safety Engineering	2019-06-04	2020-10-01
GB/T 5959.41-2019		Safety in Electro heating Installations—Part 41: Particular Requirements for Resistance Heating Equipment—Heating and Glass Melting Equipment	2019-06-04	2020-01-01
GB/T 18819-2019		Safety Requirements for Ship to Ship Transfer Operation of Petroleum	2019-06-04	2020-01-01
GB/T 37524-2019		Specifications for Disposal of Explosives Scene	2019-06-04	2019-12-01
GB/T 18921-2019		The Reuse of Urban Recycling Water—Water Quality Standard for Scenic Environment Use	2019-06-04	2020-05-01
GB/T 37528-2019		General Technical Specification for Biological Filter for Nitrogen Removal	2019-06-04	2020-01-01
GB/T 37756-2019		Guideline of Water Footprint Assessment and Reporting for Product	2019-06-04	2020-01-01
GB/T 37757-2019		Determination of Emission Rate of Volatile Organic Compounds from Materials and Components Used in Electrical and Electronic Products—Emission Test Chamber-Gas Chromatography Mass Spectrometry	2019-06-04	2020-01-01
Industry Standard				
SH/T 3002-2019		Design Guideline for Energy Conservation of Petroleum Depots	2019-05-02	2019-11-01
SH/T 3015-2019		Code of Design for Water & Wastewater in Petrochemical Engineering	2019-05-02	2019-11-01
SH/T 3413-2019		Specification for Selection, Inspection and Acceptance of Pipeline Flame Arresters for Petroleum Gas in Petrochemical Industry	2019-05-02	2019-11-01
HJ 1019-2019		Technical Guideline for Site Soil and Groundwater Sampling of Volatile Organic Compounds	2019-05-12	2019-09-01
HJ 1027-2019		Technical Specification for Application and Issuance of Pollutant Permit—Furniture Manufacturing Industry	2019-05-31	2019-05-31
HJ 1028-2019		Technical Specification for Application and Issuance of Pollutant Permit—Wine and Beverage Manufacturing Industry	2019-06-14	2019-06-14
HJ 25.6-2019		Technical Guideline for Groundwater Remediation and Risk control of Contaminated Sites	2019-06-18	2019-06-18
Local Standard				
Jilin	DB22/T 3037-2019	Enterprise Laboratory Safety Management Code for Hazardous Chemicals	2019-05-27	2019-06-17
Shandong	DB37/990-2019	Iron and Steel Industry Air Pollutant Emission Standards	2019-06-03	2019-11-01
Shandong	DB37/2375-2019	Industrial Furnace Kiln Air Pollutant Standards	2019-06-03	2019-11-01
Shandong	DB37/2376-2019	Regional Air Pollutant Comprehensive Discharge Standard	2019-06-03	2019-11-01
Guangdong	DB44/2155-2019	Xiaodongjiang River Basin Water Pollutant Emission Standard	2019-06-05	2019-07-01

Shandong	DB37/T 3591-2019	Technical Specification for Livestock Manure Composting	2019-05-29	2019-06-29
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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.

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

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