

HJ

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**Technical specifications for collection, storage, transportation
of hazardous waste
(English Translation)**

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Foreword

For the purpose of implementing "Environmental Protection Law of the People's Republic of China" and "Law of the People's Republic of China on the Prevention and Control of Environmental Pollution by Solid Waste", regulating the collection, storage, and transportation process of hazardous waste, protecting the environment, and safeguarding human health, this Standard is developed.

This Standard specifies the technical requirements for the collection, storage, and transportation process of hazardous waste.

This Standard is a guiding standard.

This Standard is first issued.

This Standard was developed by Department of Science, Technology and Standards of Ministry of Environmental Protection.

Main drafting organizations of this Standard. Shenyang Academy of Environmental Sciences (National Environmental Protection Hazardous Waste Disposal Engineering Technology (Shenyang) Center), Institute of High Energy Physics Chinese Academy of Sciences.

This Standard was approved by the Ministry of Environmental Protection on December 24, 2012.

This Standard is implemented since March 1, 2013.

This Standard is interpreted by the Ministry of Environmental Protection.

Technical specifications for collection, storage,

transportation of hazardous waste

1 Scope of application

This Standard specifies the technical requirements for the collection, storage, and transportation process of hazardous waste.

This Standard applies to the collection, storage, and transportation of hazardous wastes from hazardous waste generating organizations and operating organizations.

2 Normative references

The contents of this Standard refer to the provisions in the following documents.

For the undated references, the valid edition applies to this Standard.

GB190 Packing symbol of dangerous goods

GB5085.1-7 Identification standards for hazardous wastes

GB6944 Classification and code of dangerous goods

GB8978 Integrated wastewater discharge standard

GB12463 General specifications for transport packages of dangerous goods

GB13015 Standard for pollution control on Polychlorinated Biphenyls (PCBs)-contaminated wastes

GB13392 The vehicle mark for road transportation dangerous goods

GB15603 Rule for storage of chemical dangers

GB15562.2 Graphical signs for environmental protection - Solid waste storage (disposal) site

GB16297 Integrated emission standard of air pollutants

GB18597 Standard for pollution control on hazardous waste storage

GB19217 Technical standard for medical waste transport vehicle

GBZ1 Hygienic standards for the design of industrial enterprises

GBZ2 Occupational Exposure Limit for Hazardous Agents in the Workplace

HJ/T177 Technical specifications for centralized Incineration facility construction on medical waste

HJ/T228 Technical specification for chemical disinfection centralized treatment engineering on medical waste (on trial)

HJ/T229 Technical specification for microwave disinfection centralized treatment engineering on medical waste (on trial)

HJ/T276 Technical specifications for steam-based centralized treatment engineering in medical waste (on trial)

HJ/T298 Technical specifications on identification for hazardous waste

HJ421 Standard of packaging bags, containers and warning symbols specific to medical waste

HJ519 Technical specifications of pollution control for treatment of Lead-acid Battery

JT617 The regulation of automobile transportation of dangerous goods

JT618 Rules of transportation, loading and unloading of dangerous goods by automobile

"Regulations on the Control over Safety of Dangerous Chemicals" (Decree No. 519 of the State Council, 2011)

"The Measures for the Administration of Permit for Operation of Dangerous Wastes" (Decree No. 408 of the State Council, 2004)

"Management Regulation on Hazardous Wastes Manifests" (Decree No. 5 of the Ministry of Environmental Protection, 1999)

"Technical Codes of Medical Wastes Centralized Disposal" (No. 206 [2003], issued by the Ministry of Environmental Protection)

"Measures for the Prevention and Control of Environmental Pollution by Discarded Dangerous Chemicals" (Decree No. 27 of the Ministry of Environmental Protection, 2005)

"Measures for Information Reporting on Emergent Environmental Incident of Environmental Protection Administrative Authorities (Trial)" (No. 50 [2006], generating organizations themselves shall, in accordance with the relevant

national management regulations, establish and improve the rules and regulations and operating procedures, to ensure the safety and reliability of this process.

4.2 The transfer process of hazardous waste shall be carried out in accordance with "Management Regulation on Hazardous Wastes Manifests".

4.3 The organization for collection, storage, and transportation of hazardous waste shall establish a standardized training system for management and technical personnel and conduct regular training for management and technical personnel. The training content shall at least include requirements for identification of hazardous waste, administration of permit for operation of hazardous waste, management of hazardous wastes manifests, packaging and identification of hazardous waste, requirements for transportation of hazardous waste, and emergency methods for hazardous waste accidents, etc.

4.4 The organization for collection, storage, and transportation of hazardous waste shall prepare an emergency plan. The preparation of the emergency plan may refer to "Guidelines for the Preparation of Emergency Plans for Hazardous Waste Operating Organizations". The contents related to transportation shall also comply with the relevant provisions of the competent department of transportation administration. For accident-prone links during the collection, storage, and transportation of hazardous waste, it shall regularly organize emergency drills.

4.5 In the event of an accident during the collection, storage, and transportation of hazardous waste, the organization for the collection, storage, and transportation and relevant departments shall, according to the degree of risk, take the following measures.

(1) SET up an accident warning line; INITIATE an emergency plan; REPORT according to the requirements of "Measures for Information Reporting on