



**NATIONAL STANDARD OF THE
PEOPLE'S REPUBLIC OF CHINA**

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Standard for urban appearance

市容环卫工程项目规范

(English Translation)

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1 General

1.0.1

In order to standardize the construction of city appearance and sanitation projects, ensure project operation safety, personal safety and public health safety, prevent secondary pollution and light pollution, realize clean, tidy and orderly city appearance, and provide technical basis for government supervision, this specification is formulated.

1.0.2

City appearance and environmental sanitation projects must implement this specification.

1.0.3

The construction, operation and maintenance of city appearance and environmental sanitation projects should follow the principles of effective service function, safe production and environmental protection.

1.0.4

Whether the technical methods and measures adopted in the project construction meet the requirements of this specification shall be judged by the relevant responsible parties. Among them, innovative technical methods and measures should be demonstrated and meet the performance requirements in this specification.

2 Basic regulations

2.0.1

The layout of the city appearance and sanitation project shall be determined according to the influence of the surrounding environment, traffic flow and municipal supporting facilities, and in accordance with the principles of reducing environmental impact and facilitating city appearance and sanitation operations.

2.0.2

The city appearance and sanitation project shall meet the requirements of garbage sorting, timely removal and transportation of garbage, cleanliness and quality of city appearance and environment.

2.0.3

The city appearance and sanitation project should have the function of dealing with harmful weather and public health emergencies.

2.0.4

Effective pollution control and safety protection measures should be taken during the construction and operation of the city appearance sanitation project and the cleaning and maintenance of the city appearance environment.

2.0.5

According to the garbage removal and transportation within the service scope, the distance of garbage removal and transportation, the layout of treatment facilities, and the requirements of garbage classification, a domestic waste classification collection and transportation system should be constructed.

2.0.6

The scale of garbage collection facilities and transfer stations should meet the needs of classified garbage collection and transfer within the scope of service.

2.0.7

Outdoor advertisements, signboards, and landscape lighting facilities should be set up in a safe and tidy manner, paying attention to day and night landscape effects, and should not damage important features of buildings, streetscapes, and city outlines, and should not damage the overall effect of the attached carrier. Affecting the use function of the attached carrier should not affect the safety of buildings (structures), traffic safety and the use of fire exits.

2.0.8

The city appearance sanitation project shall carry out regular safety inspection, maintenance and update in time.

2.0.9

Mechanical equipment for city appearance and sanitation projects shall be used and maintained by professionally trained personnel.

3.1 General provisions

3.1.1

The collection facilities shall meet the requirements for sorting and collecting garbage, be compatible with the classified transportation mode, and shall meet the following regulations.

- 1.The height of the waste collection facility's discharge port should meet the ergonomic requirements of adults;
- 2.Classification signs should be set up at the location of the classified discharge port and the classified discharge container of the domestic waste collection facilities;
- 3 Classified storage equipment or places should be set up, and the capacity should meet the needs of temporary storage of garbage;
- 4 Garbage collection bins/boxes and garbage containers should match the garbage collection and transportation vehicles.

3.1.2

The scale of domestic garbage collection facilities should be comprehensively determined according to the population size of the service area, the volume of sorted garbage removal, and the frequency of collection.

3.1.3

The location of garbage collection facilities should be convenient for the safe operation of garbage sorting and collection and transportation vehicles, and should not occupy fire exits and blind passages.

3.1.4

During the construction and operation of garbage collection facilities, secondary pollution such as noise, sewage, odor and garbage should be effectively controlled, and fire safety requirements should be met.

3.2 Garbage Collection Points

3.2.1

The type of domestic garbage collection point should be selected according to the garbage removal volume, classification category, living habits, collection and transportation mode, terrain, climate and other factors.

3.2.2

The layout of domestic garbage collection points should be comprehensively determined based on factors such as garbage generation and distribution, throwing distance, collection mode, and surrounding environment, and should comply with the following regulations.

- 1 The service radius of domestic garbage collection points in urban residential quarters and new rural standard concentrated residential areas should be less than or equal to 120m;
- 2 Household garbage collection points should be set up in closed residential quarters;
- 3 The collection points of domestic garbage in villages shall be set up according to natural villages;
- 4 Waste bins should be set up in public places where people gather, such as traffic and passenger facilities, cultural and sports facilities, pedestrian streets, squares, tourist attractions (areas).

3.2.3

Household garbage collection rooms (rooms) shall meet the following requirements.

- 1 The ground of the domestic garbage collection room (room) should be hardened;
- 2 Household garbage collection rooms (rooms) in urban residential quarters and auxiliary domestic garbage collection rooms (rooms) in civil buildings should have water supply and drainage facilities, the slope of the ground should be conducive to drainage, and the flushing sewage should be discharged into the sewage pipe network;
- 3 The floor and wall of the supporting household garbage collection rooms (rooms) in civil buildings shall be made of waterproof and corrosion-resistant materials or coated with corresponding materials;
- 4 When the supporting domestic garbage collection room (room) in a civil building is arranged underground, a mechanical ventilation system shall be installed.

3.2.4

The construction area of newly built and rebuilt domestic garbage collection rooms (rooms) shall meet the requirements for placing classified garbage bins/bins within the service scope.

3.2.5

Urban high-rise office buildings, commercial complexes, and newly-built residential quarters should set up decoration garbage collection points, designate large garbage disposal sites, and meet the following requirements;

- 1 The ground of the decoration garbage collection point shall be hardened;
- 2 When no dustbin is set, the surroundings of the decoration waste collection point shall be