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

GB/T 47678.4-2026

Replacing GB/T 30428.3-2016

**Urban operation, management and service platforms - Part 4:
Geocoding**

城市运行管理服务平台 第4部分：地理编码

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7.1 Sampling Density

7.1.1 The data acquisition area category shall comply with the provisions of GB/T 47678.3 regarding the area category corresponding to the grid type.

7.1.2 All points of interest (POIs) such as government agencies, public institutions, hospitals, schools, transportation hubs, large supermarkets, and farmers' markets should be collected in full; other basic data should be collected. Location data collection density shall comply with the following requirements.

---The data interval between adjacent door (building) numbers and points of interest in Category I areas should not exceed 5m;

---In Category II areas, the data interval between adjacent door (building) signs and points of interest should not exceed 15m;

---The interval between adjacent door (building) signs and points of interest data in the three types of areas should not exceed 30m.

7.2 Position accuracy

7.2.1 The location accuracy of data such as door (building) signs and points of interest shall meet the following requirements.

---The location error for flat and hilly areas should not exceed $0.5 \times 10^{-3} \text{ m} \times M$;

---The location error in mountainous and forested areas should not exceed $0.75 \times 10^{-3} \text{ m} \times M$;

---In other special areas, the location error can be relaxed to

1.5 times the specified value;

---The maximum limit error should be twice the standard error.

Note 1: M is the denominator of the map scale. Note

2. Other special areas refer to areas with complex terrain and difficult data collection.

7.2.2 The location accuracy of linear and areal data should meet the requirements for topographic map data acquisition at the corresponding scale.

7.3 Attribute Completeness and Correctness The basic location data attribute settings should at least meet the relevant requirements in Chapter 4, and the accuracy rate of attribute values should not be lower than 95%. (Upon inspection...) Any omissions or errors found in the attribute content should be supplemented and corrected.

7.4 Data Update

7.4.1 Each city should conduct initial geocoding data collection at the beginning of the construction of the city operation management service platform.

7.4.2 Basic location data should be updated promptly according to the specific circumstances of the city, with an update cycle of approximately one year to maintain the current status of the basic location data. Potential.

7.5 Data Collection Results It should include a list of deliverables, technical documents, data files, and data quality inspection conclusions.