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INDUSTRY STANDARD OF THE PEOPLE'S REPUBLIC OF CHINA

CJ/T 106-2016

Replacing CJ/T 106-1999

Calculation and forecasting methods for municipal solid waste generation quantity

生活垃圾生产量计算及预测方法

(English Translation)

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Foreword

This standard was drafted in accordance with the rules given in GB/T 1.1-2009.

This standard is CJ/T 106-1999 "urban living garbage production and prediction methods" revision, this standard and CJ/T 106-1999 compared to the main technical content changes are as follows.

--- Standard name was changed to "calculate the amount of domestic waste generated and forecasting methods";

--- Modify the scope of application (see Chapter 1, 1999 edition of Chapter 1);

--- Adjust the normative references (see Chapter 2, 1999 edition Chapter 2);

--- Adjust the terms and definitions (see Chapter 3, 1999 edition Chapter 3);

--- Perfecting the sampling method of calculating the amount of domestic waste generated (see 4.1, Chapter 5 of the 1999 edition);

--- Increase the car tonnage method, the actual tonnage method of two kinds of garbage production method (see 4.2 ~ 4.3);

--- Improve the forecast method of domestic waste generated by a linear regression prediction method (see 5.2, 1999 edition of Chapter 6);

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--- Increase the rate of growth and multivariate linear regression prediction method of two kinds of household waste production forecasting methods (see 5.1 and 5.3);

--- Increasing the amount of garbage generation calculation and forecasting methods (see Chapter 6);

--- Added appendix (see Appendix A ~ Appendix D).

This standard proposed by the Ministry of Housing and Urban Standard and Design Institute.

This standard by the Ministry of Housing and Urban Construction City Environmental Health Standardization Technical Committee.

This standard was drafted. Tianjin Environmental Hygiene Engineering Design Institute, Tianjin City Environmental Engineering Design Institute, Zhengzhou City Environmental Health Institute of Science and Technology, Shenyang Environmental Health Engineering Design and Research Institute, Chengdu Solid Waste Disposal Facilities, Jixi Environmental Health Research Institute Institute, Chengdu Institute of Urban Environmental Management.

1 Scope

This standard specifies the terms and definitions of calculation and forecasting method of domestic waste generated, the calculation method and prediction of domestic waste generation Law and its application.

This standard applies to the calculation and forecasting of the amount of domestic waste generated.

2 Normative references

The following documents for the application of this document is essential. For dated references, only the dated version applies to this article Pieces. For undated references, the latest edition (including all amendments) applies to this document.

CJ/T 313 Garbage sampling and analysis methods

3 Terms and definitions

Load factor loadcoefficient Domestic garbage transport vehicles, the actual loading capacity and the ratio of the rated load weight, also known as car tonnage conversion factor.

Domestic waste generation forecast municipalsolidwastegenerationquantityforecasting According to the status quo of domestic solid waste generation, combined with the analysis of the amount of domestic solid waste and the influencing factors of domestic solid waste generation, the amount of household garbage generated at some point in the future.

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Base year thebaseyear the year in which the forecast starts is mostly the year in which the current status data is used.

Forecast year theforecastingyear the year against which the forecast is based is for any year of the forecast horizon.

Estimated years theyearsahead the number of years between the forecast year and the base year.

4.1.1 Selection and determination of sampling points

4.1.1.1

The sampling points for the amount of household garbage generated from the survey shall be set at the source of domestic waste and the source of household garbage generated in the surveyed area to distinguish between categories should be divided according to Table 1.

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