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

GB 32100-2015

**The coding rule of the unified social credit identifier for legal
entities and other organizations**

法人和其他组织统一社会信用代码编码规则

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Foreword

Chapter 4 of this standard is mandatory, the rest are recommended. This standard was drafted in accordance with rules GB/T 1.1-2009 given. This standard was proposed by the National Organization Code Management Center. This standard by the National Credit Standardization Technical Working Group. This standard was drafted. National Organization Code Management Center, the Office of the Central Organization Committee, the National Development and Reform Commission Council, Ministry of Civil Affairs, Human Resources and Social Security, the State Administration of Taxation, the State Administration for Industry, the National Bureau of Statistics, China Standardization Research Study Institute, Shandong Institute of Standardization, Harbin Institute of Standardization, Liaoning Provincial Institute of Standardization, Yunnan Institute of Standardization, Guizhou Provincial Institute of Standardization, Fujian Institute of Standardization, Jiangsu Province Institute of Standardization, Chinese Academy of Surveying and Mapping. Drafters of this standard. Su Zhongmin, Ke Zhiyong, Sun Town, Zhao Jie, Qian Xiaodong, cattle Xia, Yan Chang, Yu Hui, Yin Yan, Zhu Huiyan, Ma Yufei, Feng Xiaojing Zhou Li, Yuan Hui, Sun Tai, Wang Bo, Meng Ju, Zhu Feng, Li Yifeng, Shun Zhou Ji, Yang Yang, Deng Xiangwu, Jin Jiang, Gong Zheng, Li Sheng Fei, Lin Yun Fu, Cheng Zhu Xun, Zhou Ye, Chou Agen.

For the establishment of comprehensive coverage, stable and unique to the organization code based unified social credit system code that corporations and other organizations, Accordance with the "State Council on the approved Development and Reform Commission and other departments to legal persons and other organizations a unified social credit system construction codes overall program." (Guo Fa [2015] No. 33), corporations and

other organizations to develop a unified social credit Code encoding rules. Legal persons and other organizations to develop a unified social credit Code encoding rules, a clear legal persons and other organizations a unified social credit code Constitution, legal persons and other organizations for the realization of unified endowed, lay the foundation for collaboration between government and business to share information, resources to achieve various departments Source integration, which will help streamline business processes, reduce the burden on corporations and other organizations to promote the realization of the transformation of government functions, improve the administrative efficiency. Legal persons and other organizations of the Socialist Unity Credit Code encoding rules

1 Scope

GB 32100-2015 is the Chinese national standard on the coding rule of the unified social credit identifier for legal entities and other organizations, in the field of information technology. It carries no /T suffix, which in the Chinese system means compliance is mandatory: a product or a practice within its scope has to meet it to be lawfully made, sold or carried out in China. It was issued on 17 September 2015 by the General Administration of Quality Supervision, Inspection and Quarantine of the People's Republic of China; Standardization Administration of China, and has been in force since 1 October 2015. Classification: ICS 35.040, CCS A24. This page is published from the official record of the standard held by the Chinese standards administration: the identification, the dates, the classification and the issuing body are taken from there. The clause text, the tables and the numeric limits are in the document itself, which is delivered complete in English translation.

--- integer remainder functions, for example. the function MOD (31,31) is 0; I

--- code character position number from left to right; Code character value on CI

--- i-th position, corresponding to the character values in Appendix A; C18

--- weighting factor w_i on bit i , $W_i = \text{MOD}(3^{(i-1)}, 31)$, the weighting factors shown in Table 4. Table weighting factors on the respective position numbers 4 i 1 2 3 4 5 6 7 8 9 10 11 12 13 14 15 16

2 Normative references

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

GB/T 2260 administrative division code People's Republic of China

GB 11714 coding rules for national organization

GB/T 17710 IT security technologies character verification system

3 Terms and Definitions

The following terms and definitions apply to this document.

3.1 Organization organization Enterprises, institutions, organizations, social organizations and other generic legally established units. [GB/T 20091-2006, Definition 2.2]

3.2 Legal legalentities It has the capacity for civil rights and civil acts, according to the independent enjoy civil rights and assume civil obligations of the organization.

3.3 Other organizations otherorganizations Legally established, there is a certain degree of organization and property, the organization does not have legal personality.

3.4 Organization Code organizationcode Subject code subjectidentificationcode Prepared in accordance with GB 11714, give each a unique organization in the country, and always the same identification code.

3.5 Unified Social Credit Code unifiedsocialcreditidentifier Each of legal persons and other organizations unique, life-long legal identification number in the country.

4 Constitute a unified code

4.1 Structure From 18-bit uniform code digits or capital letters (without I, O, Z, S, V), including 1 bit register management Department code, the category code means 2, bits 3 to 8 of the registration authority administrative code, the ninth bit to identify the body

17 Code (organization code), 18-bit check code part five. Table 1 indicates the specific forms. Table

1 Uniform Code constituted Code No. 1 2 3,456,789,101,112,131,415 18 is 16.

17 Code x x x x x x x x x x x x x x x x Explanation Registration authority administrative code six main code (organization code) 9

4.2 code and description

4.2.1 The first one. the registration and management department codes Registration and management department code using Arabic numerals or capital letters, are shown in Table 2. Table 2 identifies the code registration and management department Registration code that identifies management Agency and staffing

5 Arbitration Commission

Other 9 culture Foreign cultural centers in China

7 Union

8 Trade and Industry 9 A reform of the Central Military Commission and Construction Office

Agriculture N Other Y Second, the class code identifies the registration mechanism increase administration in Table 3, the adjustment table 3 the following form. Registration category code management agency logo Agency and staffing Organs 1

9 Other Y

4.2.2 Bit 2. Organization category code Category code mechanism using the Arabic numerals or capital letters in Table 3. Table 3 identifies the category code mechanism Registration category code management agency logo Agency and staffing Organs 1

17 Wi 1 3 9 27 19 26 16 17 20 29 25 13 8 24 10 30

28 Third step. calculating the position of the character corresponding to the product of the number i $C_i \times W_i$. i 1 2 3 4 5 6 7 8 9 10 11 12 13 14 15 16

17 $C_i \times W_i$ 9 3 27 135 0 26 0 0 420 0 0 0 8 0 0 900 112 The fourth step. Calculate the sum of the series. $i =$

1 $C_i \times W_i = 1640$ Step five. Calculate the integer remainder function MOD. The 1640 series and more than 3,128 die, i.e. $\text{MODSigma } i =$

1 $C_i \times W_i$, 31 () value of 28. Step Six. Find checksum character value. $C_{18} = 31 - \text{MODSigma } i =$

Appendix A

(Informative) Coded character set Character set codes are shown in Table A.1. Table A.1 coded character set Code character code character values twenty one twenty two twenty three twenty four

Appendix B

(Informative) Checksum calculation method of Example First 17 bits of a uniform code of 91350100M000100Y4, 18 of which checksum is calculated according to the following steps and methods. Step. lists the top 17 codes character position number on each character value i corresponding to the position C_i . i 1 2 3 4 5 6 7 8 9 10 11 12 13 14 15 16