ICS 91.100.30
CCS Q14

NATIONAL STANDARD OF THE PEOPLE'S REPUBLIC OF CHINA

GB/T 16752-2017

Replacing GB/T 16752-2006

Test methods of concrete and reinforced concrete sewer pipes

混凝土和钢筋混凝土排水管试验方法

Issued on: October 14, 2017 **Implemented on: September 1, 2018**

Issued by: General Administration of Quality Supervision, Inspection and Quarantine of the People's Republic of China;
Standardization Administration of China

Table of Contents

1 Scope

2 Normative references

3 Terms and definitions

Foreword

This standard was drafted in accordance with the rules given in GB/T 1.1-2009. This standard replaces GB/T 16752-2006 "concrete and reinforced concrete drainage pipe test method." This standard and GB/T 16752- 2006, the main technical changes except for editorial changes are as follows:

--- Increasing the steel pipe width and thickness of the mouth detection (see 6.3.6).

--- Increasing the box culvert length, width, height and other items of testing (see 6.3.9)

--- Increased anti-corrosion coating of steel testing the relevant provisions (see Chapter 7).

--- Increased large-diameter pipe hydrostatic test method (see 8.3,9.3).

--- Increasing the joint corner sealing performance of the project test methods (see Chapter 9).

--- Increased shaped tube pressure load test shows (see Appendix C). This standard proposed by the China Building Materials Federation. This standard by the National Standardization Technical Committee cement (SAC/TC197) centralized. The main drafting units of this standard. Suzhou Concrete Cement Products Research Institute Co., Ltd., Suzhou Concrete Cement Products Testing Center Co., Ltd. Kunshan Pakistan City Cement Co., Ltd. Participated in the drafting of this standard. Hubei Changyao New Materials Co., Ltd., Xiamen Chiaki Industry Cement Co., Ltd., Zhejiang dragon tube Industry Co., Ltd., Shandong Province Cement Quality Supervision and Inspection Station, Yangzhou University, Suzhou Branch Star Concrete Cement Equipment Co., Ltd., Tianjin City Zebao Cement Co., Ltd., Shenzhen Yongan Environmental Protection Industry Co., Ltd., Nanning Hongji Cement Co., Ltd., Yunfeng Pipe Industry Co., Ltd., Shaanxi Provincial Academy of Building Research, Product Quality Supervision and Inspection Institute of Kunshan, Jiashan County Standardization Association, Linyi Municipal Engineering Limited Company, Jinan Yongshun Pipeline Co., Ltd., Shanxi Yongji Ying Xin Industrial Co., Ltd., Henan Concrete Cement Co., Ltd., Xinjiang Yongde Cement Products Co., Ltd., Yangzhou Huaguang Shuangrui Industrial Co., Ltd., Yangzhou Huagong Cement Machinery Manufacturing Co., Ltd., Jiangsu Huaguang Shuangshun Machinery Manufacturing Co., Ltd., Baotou Tongda Cement Products Co., Ltd., Tianjin Tong Guan Guan Jing Cement Co.,

Ltd., Guizhou Furen Building Materials Co., Ltd., Xinjiang Guotong Pipe Co., Ltd., Shenyang Jiayu Tools Co., Ltd., Yima Super Cement Plant, Guangdong BOND Building Materials Industrial Co., Ltd., Hubei Zhongnan Pipe Co., Ltd., Beijing Yue Tong Cement Co., Ltd., Zhejiang Fergus Components Co., Ltd., Taizhou City, Jiangsu Thai precast pipe pile Co., Ltd., Jiangsu Jiang Yang Building Material Machinery Co., Ltd., Zigong City, Seiko special sealed Products Co., Ltd.. The main drafters of this standard. Talk about Yongquan, Yu Feng, Luo Jingjing, Shen Lihua, Yang Dingyi, Cheng Kehu, Wu Yinbao, Zhou Zheng, Zhao Yuping, Chu Jianzhong, Wu Guofang, Gong Chunlan, Zhang Jianxiang, Wu Chongqiu, Li Feng, Mao Weilin, Yao Chunxian, Gong Xiaofei, Lu Zhen, Ni Zhiquan, Guo Jungui, Tan Weihan, Liang Zhenbo, Xu Yang, Li Junqi, Wang Shimin, Liu Chengwei, Zhang Baojun, Shang Yingze, the Yellow River, Lu Jianhua, Wang Weiguo, Dong Zhengkui, Gao Jianping, Zhang Zhiping. This standard replaces the standards previously issued as.

--- GB/T 16752-1997, GB/T 16752-2006. Test methods for concrete and reinforced concrete drains

1 Scope

GB/T 16752-2017 is the Chinese national standard on test methods of concrete and reinforced concrete sewer pipes, in the field of construction materials and building. The /T suffix marks it as a recommended standard: it is not compulsory by itself, but it becomes binding as soon as a contract, a tender or a customer specification calls it up - which in practice is how most foreign buyers meet it. It was issued on 14 October 2017 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 September 2018. Classification: ICS 91.100.30, CCS Q14. 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.

This standard specifies the terms and definitions of concrete and reinforced concrete drainage pipe test methods, as well as the appearance of quality, size deviation, steel Test of anti-corrosion coating of socket steel plate, inner water pressure, sealing performance of corner joint, external pressure load, thickness of protective layer and concrete strength Methods, and the repair of the test data and comparison methods and test reports. This standard applies to the use of various types of production of various types of concrete and reinforced concrete drainage. Other prefabricated components can refer to carried out.

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 For all undated references, the

latest edition (including all amendments) applies to this document.

GB/T 1720 Determination of film adhesion

GB/T 8170 rounded repair rules and limit values of the representation and judgment

GB/T 9286 Paints and varnishes - Cross-hatch test

GB/T 11836 concrete and reinforced concrete drains Test method for compressive strength of concrete for concrete pipe GB/T 11837

GB/T 13452.2 Paints and varnishes - Determination of film thickness

GB/T 50107 concrete strength test evaluation standards

GB 50205 Steel Construction Quality Acceptance Code

GB 50224 Construction anti-corrosion construction quality acceptance criteria

JB/T 11604 nondestructive testing equipment ultrasonic thickness gauge JC/T 640 into the construction method of reinforced concrete drainage Technical Specification for Inspection of Reinforcing Steel in JGJ/T 152 Concrete

3 Terms and definitions

The following terms and definitions apply to this document.

3.1 Sticky stick The outer surface of the pipe wall due to cement mortar mold adhesion formed by rough is not smooth.

3.2 Ma surface scale Tube concrete surface appears more dense holes.

Note. Due to the immediate mold release vibration generated by the core mode surface and micro-pores do not belong to the Ma surface.

3.3 Honeycomb honeycomb Tube concrete surface due to the lack of cement mortar and the formation of pebbles exposed and hollow.