

ICS 91.140.80
CCS P 41

CJ

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

CJ/T 233-2006

Replacing CJ/T 233-2006

**Building area drainage plastic inspection wells
(English Translation)**

Issued on: August 8, 2016

Implemented on: February 1, 2017

**Issued by: Ministry of Housing and Urban-Rural Development of the
People's Republic of China**

Table of Contents

Preface
1 Scope
2 Normative references
3 Terms and Definitions, Abbreviations
4 Structure, classification and marking
5 Material
6 Requirements
7 Test methods
8 Inspection rules
9 Logo, packaging, transportation and storage
Appendix A (Informative) Plastic Inspection Well Block Specifications
Appendix B (informative) inspection well accessories
Appendix C (informative) plastic inspection manhole cover

Foreword

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

This standard instead of CJ/T 233-2006 "plastic drainage wells for construction inspection wells" this standard is CJ/T 233-2006 "building drainage plastic inspection wells" revision, compared with the CJ/T 233-2006 main Technical changes are as follows.

- Modify the scope of inspection wells (see Chapter 1);
- Added borehole ID code connected with ID pipe (see 4.3);
- Modify wellhead axial load performance requirements (see 6.1.6);
- Increase the inspection well system performance requirements (see 6.5);
- Increasing the size of the wells of different specifications diameter Sediment chamber size requirements (see 6.1);
- Increasing wellhead and wellbore connection socket should have 360 ° steps, the bottom of the well should be set to support the requirements of a stable structure (see 6.1);
- Increase the borehole and ID logo buried pipeline connection socket size requirements for the diameter (see 6.1);
- Remove the inspection wells and wellbore adhesive connection socket (see 2006

version 7.4);

- Adjust the connection between wellbore and pipe joints without socket elastic seal the minimum length of the socket (see 6.1);
- Increased pavement rain outlet positive, lateral socket structure (see Appendix B);
- Increasing the inspection wells connected buried pipe socket and pipe clearance requirements (see 6.1);
- Increasing the diameter of the plastic cover seat hole center hole diameter requirements and the same borehole, modified some of the plastic cover size parameters, at the same time Increase the requirements of the corresponding bearing mark on the manhole cover (see Appendix C);
- Added anti-man fall device requirements (see Chapter 4);
- Increased square covers and size requirements (see Appendix C);
- Transition joint product map made the corresponding changes (see Appendix B);
- Added another Mingguo gutter product map (see Appendix B).

This standard reference EN13598.2.:2009 "non-pressure buried underground rainwater drainage and drainage of plastic pipe system - PVC (U PVC) Polypropylene (PP) and polyethylene (PE) - Part 2. Specifications for wellbore and manhole wells in traffic areas and manholes ".

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

This standard by the Ministry of Housing and Urban Water Supply and Drainage Standardization Technical Committee building centralized.

1 Scope

This standard specifies the construction area drainage plastic inspection well structure, classification and marking, materials, requirements, test methods, inspection rules, standard Log, packaging, transportation and storage.

This standard applies to the construction area (residential area, public building area, factory area, etc.), the bottom depth of the well is not more than 6m, the buried diameter is not more than 800mm drainage plastic inspection wells.

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 version (including all amendments) applies to this document.

GB/T 2828.1 Sampling procedures for sampling - Part 1. Batch-by-lot inspection sampling plan retrieved by acceptance quality limit (AQL) (ISO 2859-1.:1999, IDT) GB/T 2918 plastic sample conditioning and testing of the standard environment GB/T 5836.2 building drainage with rigid polyvinyl chloride (PVC-U) fittings GB/T 8801 rigid polyvinyl chloride (PVC-U) pipe fall test methods GB/T 8802 Thermoplastics pipes and fittings - Determination of vicat softening temperature Plastics piping systems - Determination of dimensions of plastic parts Test method for resistance to external shock of thermoplastic pipe GB/T 14152 GB/T 18173.3 Polymer waterproofing materials - Part 3. Water swelling rubber GB/T 18477.3 Buried drainage of rigid polyethylene (PVC-U) structural wall piping system Part 3. Double axial hollow wall pipe GB/T 19472.1 Polyethylene (PE) wall piping systems for underground use - Part 1. Polyethylene double wall corrugated pipe GB/T 19472.2 Polyethylene (PE) wall pipe systems for underground use Part 2. Polyethylene winding wall pipe materials GB/T 20221 buried underground without drainage, with a rigid polyvinyl chloride (PVC-U) pipe GB/T 21873 rubber seal to the drain pipe and sewer pipe interface seal material specifications GB/T 23858-2009 inspection covers CJ/T 212 polymer-based composite hydrating CJ/T 3012 cast iron inspection manhole cover EN1852-1 Buried unpressurized drainage and sewer plastic piping systems - Polypropylene (PP) - Part 1. Specifications for pipes, fittings and systems EN13476-2 Plastic pipe system for drainage and sewerage without pressure underground - PVC-U, PP and PE (PE) - Part 2. Type A, specification for pipe fittings with flat inner and outer surfaces EN13476-3 Plastic pipe system for drainage and sewerage without pressure underground - PVC-U, PP and PE (PE) - Part 3. Type B, specification for pipe fittings with flat inner and profiled outer surfaces EN13598.2-2009 Plastic piping systems for rainwater and sewer water without underpressure - Unplasticized polyvinyl chloride (PVC-U), polypropylene Ethylene (PP) and polyethylene (PE) - Part 2. Specifications for wellbore and manhole wells in traffic areas EN14830-2006 Thermoplastic Inspection Manholes and Manhole Wellheads - Method for Determining the Instability of Buckling Resistance

3 Terms and Definitions, Abbreviations

The following terms and definitions, abbreviations apply to this document.