Chinastandards.org

ICS 91.140.60
CCS P 40

CECS

ASSOCIATION STANDARD OF CHINA ASSOCIATION FOR ENGINEERING CONSTRUCTION STANDARDIZATION

CECS 446-2016

Technical specification for application of double check valve backf low prevention assembly

双止回阀倒流防止器应用技术规程

(English Translation)

Issued on: June 29, 2016 **Implemented on: October 1, 2016**

Issued by: China Association for Engineering Construction Standardization

Preview: page 1 of 4 shown, 25 in the full document. Complete English PDF, instant download:
https://chinastandards.org/standards/cecs-446-2016

Chinastandards.org

Table of Contents

[Preview only]
1 General Provisions
2 Terms and Symbols
2.1 Terms
2.2 Symbols
3 Materials
3.1 General Requirements
3.2 Determination of Estimated Strength of Concrete with Dilled Cores
3.3 Drilled Core Correction Method
4 Major Equipments
4.2 Tension Cable and Anchor
4.3 Load
4.4 Detailing requirements
4.5 Artificial Filling Foundation Treatment by Heavy Tamping
5 Structural Calculation
5.2 Analysis of Initial State of Form
5.3 Analysis of Effects under Loads
5.4 Analysis of Pattern Cutting
5.5 Construction Quality Control and Monitor
5.6 Environmental Protection
6 Processing of Core or Technical Requirements of Specimen
6.2 Connection between Membrane Materials
6.3 Connection between Membrane and Rigid Boundary
6.4 Connection between Membrane and Flexible Boundary
6.5 Painting
7 Test of Core Specimen and Calculation of Compressive Strength
7.2 Inspection items
7.3 Qualification judgment
7.4 Maintenance
8 Erection
8.1 Erection of Steel Members and Tension Cables
8.2 Erection of Membrane Elements

Preview: page 2 of 4 shown, 25 in the full document. Complete English PDF, instant download:
https://chinastandards.org/standards/cecs-446-2016

8.3 Application of Pretension Force

8.4 Nondestructive Testing of Connection of Structural Steel Casting

8.5 Marking, Storage and Transport

9 Acceptance

1 Foreword

CECS 446-2016 was issued by China Association for Engineering Construction Standardization on 29 June 2016 and has been in force since 1 October 2016.

The CECS prefix marks a association standard of the engineering construction sector, adopted voluntarily.

The document runs to 25 pages in English translation.

2 Scope Preview

This standard applies to the design, selection, installation, commissioning, inspection and maintenance management of the double check valve backflow prevention device for newly constructed, expanded and rebuilt industrial and civil construction and urban water supply projects. Water supply project selection and set up double check valve backflow prevention device should meet the current industry standard "double check valve backflow prevention device" CJ/T 160 of the relevant provisions. Double check valve back to prevent the selection, installation, installation, commissioning, acceptance and maintenance management, in addition to should meet the standards, should still meet the relevant provisions of the existing national standards.

CECS 446-2016 falls under ICS 91.140.60, in the field of construction materials and building.

This catalogue holds 144 other CECS standards in that field.

In this catalogue, CECS standards carry edition years from 1988 to 2016.

3 About this standard

Issued by: China Association for Engineering Construction Standardization

English translation: about 25 pages

Chinese original: about 37,377 characters

Preview: page 3 of 4 shown, 25 in the full document. Complete English PDF, instant download:
https://chinastandards.org/standards/cecs-446-2016

4 Related standards

Standards on related subjects:

GB/T 18920-2020 - The reuse of urban recycling water-Water quality standard for urban miscellaneous use

GB/T 18921-2019 - The reuse of urban recycling water - Water quality standard for scenic environment use

GB/T 18919-2002 - The reuse of urban recycling water--Classifiedstandard

CECS 383-2015 - Technical specification for push-fit self-lock connection

CECS 205-2015 - Technical specification for stainless steel lined or claded composite steel pipeline engineering

5 Classification and status

International classification (ICS): 91.140.60

Chinese Standard Classification (CCS): P 40

Prefix CECS: association standard of the engineering construction sector, adopted voluntarily.

Preview: page 4 of 4 shown, 25 in the full document. Complete English PDF, instant download:
https://chinastandards.org/standards/cecs-446-2016