Chinastandards.org

ICS 91.140.60
CCS P 41

CECS

ASSOCIATION STANDARD OF CHINA ASSOCIATION FOR ENGINEERING CONSTRUCTION STANDARDIZATION

# CECS 276-2010

# Technical specification of comet type fibrous filter engineering

彗星式纤维滤池工程技术规程

**(English Translation)**

**Issued on: May 12, 2010** **Implemented on: August 1, 2010**

**Issued by: China Association for Engineering Construction Standardization**

Preview: page 1 of 4 shown, 31 in the full document. Complete English PDF, instant download:
https://chinastandards.org/standards/cecs-276-2010

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, 31 in the full document. Complete English PDF, instant download:
https://chinastandards.org/standards/cecs-276-2010

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 276-2010 was issued by China Association for Engineering Construction Standardization on 12 May 2010 and has been in force since 1 August 2010.

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

The document runs to 31 pages in English translation.

## 2 Scope Preview

This standard applies to newly built, expansion and renovation of urban water treatment, industrial water treatment, industrial wastewater treatment, town or upgrading sewage treatment and recycling, seawater turbidity removal treatment works in the comet fiber filter design, installation and operation and maintenance.

CECS 276-2010 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 31 pages

Chinese original: about 46,482 characters

## 4 Related standards

Standards on related subjects:

GB/T 18916.3-2022 - Norm of water intake-Part 3: Petroleum refining

CJ/T 217-2013 - Compound quick air inbreathe-release valve for water supply pipeline

CJ/T 225-2011 - Metal reinforced polyethylene (PE) spirally corrugated pipe for



Preview: page 3 of 4 shown, 31 in the full document. Complete English PDF, instant download:
https://chinastandards.org/standards/cecs-276-2010

underground sewer

CECS 460-2016 - Technical specification for application of piston type balancing for pump control valve

CECS 416-2015 - Technical specification for detention tank controlling urban stormwater pollution

CECS 137-2015 - Specification for structural design of reinforced concrete sinking well of water supply and sewerage engineering

## 5 Classification and status

International classification (ICS): 91.140.60

Chinese Standard Classification (CCS): P 41

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



Preview: page 4 of 4 shown, 31 in the full document. Complete English PDF, instant download:
https://chinastandards.org/standards/cecs-276-2010