Chinastandards.org

ICS 91.140.10
CCS P 46

CECS

ASSOCIATION STANDARD OF CHINA ASSOCIATION FOR ENGINEERING CONSTRUCTION STANDARDIZATION

CECS 362-2013

Technical specification for heat-source-tower heat pump system

热源塔热泵系统应用技术规程

(English Translation)

Issued on: January 23, 2014 **Implemented on: April 1, 2014**

Issued by: China Association for Engineering Construction Standardization

Preview: page 1 of 4 shown, 19 in the full document. Complete English PDF, instant download:
https://chinastandards.org/standards/cecs-362-2013

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, 19 in the full document. Complete English PDF, instant download:
https://chinastandards.org/standards/cecs-362-2013

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 362-2013 was issued by China Association for Engineering Construction Standardization on 23 January 2014 and has been in force since 1 April 2014.

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

The document runs to 19 pages in English translation.

2 Scope Preview

This standard applies to the outdoor air as a cold and heat source, the heat source tower for the heat and heat sink device, the use of steam compression heat pump technology for cooling, heating system engineering design, installation and commissioning inspection and acceptance. The heat source tower heat pump system is suitable for winter outdoor air dry bulb temperature in the area of ??2°C ~ -8°.

CECS 362-2013 falls under ICS 91.140.10, 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 19 pages

Chinese original: about 28,234 characters

4 Related standards

Other editions:

CECS 362-2014 (later edition)

Standards on related subjects:

Preview: page 3 of 4 shown, 19 in the full document. Complete English PDF, instant download:
https://chinastandards.org/standards/cecs-362-2013

GB/T 21087-2020 - Energy recovery ventilators for outdoor air handling

CJ/T 395-2012 - Gas-fired heating and hot water condensing combi-boilers

GB 25034-2010 - Gas-fired heating and hot water combi-boilers

CECS 424-2016 - Technical specification for application of pre-grooved insulation board floor radiant heating

CECS 433-2016 - Technical specification for construction of capillary mat heating and radiant cooling system

5 Classification and status

International classification (ICS): 91.140.10

Chinese Standard Classification (CCS): P 46

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

Preview: page 4 of 4 shown, 19 in the full document. Complete English PDF, instant download:
https://chinastandards.org/standards/cecs-362-2013