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ICS 91.140.10
CCS P 46

CECS

ASSOCIATION STANDARD OF CHINA ASSOCIATION FOR ENGINEERING CONSTRUCTION STANDARDIZATION

CECS 362-2014

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

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1 Foreword

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

It replaces the earlier edition CECS 362-2013.

1.0.1

This specification is formulated to implement energy conservation and emission reduction policy with regard to buildings, make heat-source-tower heat pump system advanced in technology, economic and reasonable, safe and applicable, and guarantee engineering

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quality.

1.0.2

This specification is applicable to design, construction and installation, testing and acceptance for the system engineering for cooling and heating through vapour-compression heat pump technology by relying on outdoor air as the cold/heat source and heat source tower as the heat extraction & removal device. The heat-source-tower heat pump system is applicable to the region where the outdoor-calculated air dry bulb temperature in winter is 2?~8?.

1.0.3

Design, construction and installation, testing and acceptance of the heat-source-tower heat pump system shall meet not only those specified in this specification, but also the requirements of relevant current national standards.

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 ???°C ~ -8°.

CECS 362-2014 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 362-2013 (earlier edition)

Standards on related subjects:

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

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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.

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