Chinastandards.org

CCS P62

CECS

ASSOCIATION STANDARD OF CHINA ASSOCIATION FOR ENGINEERING CONSTRUCTION STANDARDIZATION

CECS 187-2005

Technical specification for oil evacuation and nitrogen injection equipment of transformer

油浸变压器排油注氮装置技术规程

(English Translation)

Issued on: August 4, 2005 **Implemented on: October 1, 2005**

Issued by: China Association for Engineering Construction Standardization

Preview: page 1 of 4 shown, 18 in the full document. Complete English PDF, instant download:
https://chinastandards.org/standards/cecs-187-2005

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 Design
4.2 Calculation of Earthquake Action and Earthquake Response
4.3 Design of Isolation Layer
4.4 Design of Structural Elements Above the Isolation Layer
4.5 Design of the Structural Elements below Isolation Layer and of the Soil and Foundation
5 Structural Calculation
5.2 Design of Seismic Isolator
5.3 Installation
5.4 Construction Requirements
5.5 Construction Quality Control and Monitor
5.6 Environmental Protection
6 Processing of Core or Technical Requirements of Specimen
6.3 Connection between Membrane and Rigid Boundary
6.4 Connection between Membrane and Flexible Boundary
6.5 Action Effect Combination
7 Test of Core Specimen and Calculation of Compressive Strength
7.1 Construction and Installation
7.2 Construction Survey
7.3 Project Acceptance
7.4 Maintenance of Isolation Layers
7.5 Critical Temperature of Steel Frame Beam and Column
8 Detailing Requirements

Preview: page 2 of 4 shown, 18 in the full document. Complete English PDF, instant download:
https://chinastandards.org/standards/cecs-187-2005

8.1 Erection of Steel Members and Tension Cables
8.2 Erection of Membrane Elements
8.3 Application of Pretension Force
8.4 Nondestructive Testing of Connection of Structural Steel Casting
8.5 Marking, Storage and Transport
9 Acceptance
9.1 Protection Measures and Selection Principle
9.2 Construction

1 Foreword

CECS 187-2005 was issued by China Association for Engineering Construction Standardization on 4 August 2005 and has been in force since 1 October 2005.

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

The document runs to 18 pages in English translation.

2 Scope Preview

This standard applies to: mounted transformer oil oil discharge nitrogen injection system design, construction, inspection and maintenance management. When oil drain reactor using nitrogen injection device, may refer to this standard.

CECS 187-2005 is filed under Chinese Standard Classification P62, in the field of engineering construction.

This catalogue holds 136 other CECS standards without an ICS number.

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

3 About this standard

Sector: Construction Industry Standard

Issued by: China Association for Engineering Construction Standardization

English translation: about 18 pages (approximate)

Chinese original: about 27,298 characters

Preview: page 3 of 4 shown, 18 in the full document. Complete English PDF, instant download:
https://chinastandards.org/standards/cecs-187-2005

4 Related standards

Standards on related subjects:

DL/T 5155-2016 - Technical Code for Designing AC Station Service of 220kV~1000kV Substation

DL/T 5056-2007 - Technical Code of General Plan Design for Substation

DL/T 5149-2001 - Technical code for designing computerized monitoring and control system of 220~500kV substations

5 Classification and status

Chinese Standard Classification (CCS): P 62

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

Preview: page 4 of 4 shown, 18 in the full document. Complete English PDF, instant download:
https://chinastandards.org/standards/cecs-187-2005