Chinastandards.org

ICS 91.040.01
CCS P31

JGJ

INDUSTRY STANDARD OF THE PEOPLE'S REPUBLIC OF CHINA

JGJ/T 441-2019

Technical standard for human comfort of the floor vibration

建筑楼盖结构振动舒适度技术标准

(English Translation)

Issued by: Ministry of Housing and Urban-Rural Development of the People's Republic of China

Preview: page 1 of 4 shown, 59 in the full document. Complete English PDF, instant download:
https://chinastandards.org/standards/jgj-t-441-2019

Chinastandards.org

Table of Contents

[Preview only]
1 General Provisions
2 Terms and Symbols
2.1 Terms
2.2 Symbols
3 Basic Requirements
3.1 General Requirements
3.2 Earthwork
3.3 Ground Treatment
3.4 Pile Foundation
3.5 Shoring of Foundation Pit
4 Masonry Works
4.2 Additive Method
4.3 Tent Healing Method
4.4 Mortar Pumping
4.5 Motor Spraying
4.6 Disposals after Spraying
5 Steel Bar Works
5.2 Welding of Steel Bars at Subzero Temperature
5.3 Carrying Capacity Calculation for Local Compressive Members
5.4 Carrying Capacity Calculation for Axial Tensile Members
5.5 Carrying Capacity Calculation for Flexural Members
5.6 Carrying Capacity Calculation for Shearing Members
5.7 Allowable Ratio of Height to Sectional Thickness of Wall or Column
5.8 General Details
5.9 Crack Resisting Details of Masonry Wall
6 Concrete Works
6.2 Heating, Mixing, Transportation and Placing of Raw Materials of Concrete
6.3 Concrete Curing by Thermos Method and Comprehensive Thermos Method
6.4 Concrete Curing by Steam Heating Method
6.5 Concrete Curing by Electrical Heat Method
6.6 Concrete Curing by Tent Healing Method

Preview: page 2 of 4 shown, 59 in the full document. Complete English PDF, instant download:
https://chinastandards.org/standards/jgj-t-441-2019

6.7 Curing Method at Subzero Temperature
6.8 Sulphoaluminate Cement Concrete
6.9 Concrete Quality Control and Inspection
7 Thermal Insulation and Roof Waterproof Works
7.2 Construction of External Thermal Insulation Works
7.3 Construction of Roof Thermal Insulation Works
7.4 Construction of Roof Waterproofing Works
7.5 Post-grouting of Large-diameter Belled Cast-in-place Pile
7.6 Safety Measures
8 Building Decoration Works
8.2 Plastering Works
8.3 Painting, Swabbing, Paperhanging and Glass Works
8.4 Basic Requirements for Wall Construction
8.5 Construction of Insulation Wall
8.6 Construction of Core Column
8.7 Constructional of Structural Column
8.8 Construction of Infilled Wall
8.9 Construction of Single-storey Building with Non-load Carrying Wall
9 Steel Structure Works
9.2 Materials
9.3 Steel Structure Fabrication
9.4 Steel Structure Installation
9.5 Soft Package
9.6 Glass Finish

1 Foreword

JGJ/T 441-2019 was issued by Ministry of Housing and Urban-Rural Development of the People's Republic of China on 30 July 2019.

The JGJ/T prefix marks a recommended standard. It is not law in itself: it becomes binding when a contract names it, when a regulation or a mandatory standard refers to it, or when a producer declares conformity with it.

The document runs to 59 pages in English translation.

Preview: page 3 of 4 shown, 59 in the full document. Complete English PDF, instant download:
https://chinastandards.org/standards/jgj-t-441-2019

2 Scope Preview

JGJ/T 441-2019 falls under ICS 91.040.01, in the field of construction materials and building.

This catalogue holds 191 other JGJ/T standards in that field.

In this catalogue, JGJ/T standards carry edition years from 1984 to 2023.

3 About this standard

Sector: Building & Construction Industry Standard (Recommended)

Issued by: Ministry of Housing and Urban-Rural Development of the People's Republic of China

English translation: about 59 pages (approximate)

Chinese original: about 88,834 characters

4 Related standards

Standards on related subjects:

JGJ/T 487-2020 - Technical standard for control of building vibration with wind load

GB/T 38539-2020 - Technical requirements for the application of LED sports lighting

GB/T 50087-2013 - Code for design of noise control of industrial enterprises

JGJ/T 472-2020 - Standard for design of building structures on slopes

5 Classification and status

International classification (ICS): 91.040.01

Chinese Standard Classification (CCS): P 31

Prefix JGJ/T: recommended standard.

Preview: page 4 of 4 shown, 59 in the full document. Complete English PDF, instant download:
https://chinastandards.org/standards/jgj-t-441-2019