Chinastandards.org

ICS 91.040.30
CCS P33

JGJ

INDUSTRY STANDARD OF THE PEOPLE'S REPUBLIC OF CHINA

JGJ 286-2013

Design standard for thermal environment of urban residential areas

城市居住区热环境设计标准

(English Translation)

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

Preview: page 1 of 4 shown, 81 in the full document. Complete English PDF, instant download:
https://chinastandards.org/standards/jgj-286-2013

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 General Plan
3.3 Ledger Board
3.4 Adjustable Forkhead
3.5 Steel Shapes in Cantilever Scaffold
3.6 Diaphragm System
3.7 Limitations for Story Drift and Comfort
3.8 Strength Design of Members
3.9 Seismic Design Grade of Structural Members
4 Architectural Design
4.2 Entrance/Exit and Ramp
4.3 Parking Area
4.4 Constructional Measures
4.5 Auxiliary Space
4.6 Durability Requirements
5 Building Design
5.2 Entrance/Exit
5.5 Calculation for Upright Tube Foundation Bearing Capacity
5.6 Calculation for Steel Shapes Cantilever Scaffold
5.7 Design of Upright
5.8 Connection of Curtain Wall and Main Structure
5.9 Checking of Fatigue
6 Structural Design
6.5 Door Opening
6.6 Bridging and Diagonal Brace
6.7 Inclined Platform

Preview: page 2 of 4 shown, 81 in the full document. Complete English PDF, instant download:
https://chinastandards.org/standards/jgj-286-2013

6.8 Full Scaffold
6.9 Full Formwork Support
7 Construction
7.2 Water Supply and Drainage
7.3 Heating and Ventilation
7.4 Electricity
7.5 Installation Construction Safety of Curtain Wall
7.6 Removal of Flying Shuttering
7.7 Removal of Tunnel Shuttering
8 Shear Wall Structural Design
8.1 General Requirement
8.2 Check and Accept for Scaffold
8.3 Lighting Style and Type
8.4 Emergency Lighting
8.5 Lighting Control
8.6 Medical Mark Lighting
8.7 Energy Saving of Lighting
9 Multi-storey Shear Wall Structure Design
9.2 Frame-corewall Structure
9.3 Tube in Tube Structure
9.4 Electric Shock Protection
9.5 Electromagnetic Compatibility
9.6 Harmonic Control

1 Foreword

JGJ 286-2013 is issued by Ministry of Housing and Urban-Rural Development of the People's Republic of China.

The JGJ prefix, without a suffix, marks a mandatory standard: within its scope, compliance is required.

The document runs to 81 pages in English translation.

2 Scope Preview

This standard applies to urban residential areas detailed planning stage of the thermal environment design. It was issued by Ministry of Housing and Urban-Rural Development of

Preview: page 3 of 4 shown, 81 in the full document. Complete English PDF, instant download:
https://chinastandards.org/standards/jgj-286-2013

the People's Republic of China.

JGJ 286-2013 falls under ICS 91.040.30, in the field of construction materials and building.

This catalogue holds 95 other JGJ standards in that field.

In this catalogue, JGJ standards carry edition years from 1980 to 2019.

3 About this standard

Sector: Building & Construction Industry Standard

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

English translation: about 81 pages (approximate)

Chinese original: about 121,145 characters

4 Related standards

Standards on related subjects:

GB/T 50312-2016 - Code for engineering acceptance of generic cabling system

GB 50339-2013 - Code for acceptance of quality of Intelligent building systems

JGJ/T 285-2014 - Technical specification for the remote monitoring system of public building energy consumption

JGJ 284-2012 - Code for electrical design of financial buildings

5 Classification and status

International classification (ICS): 91.040.30

Chinese Standard Classification (CCS): P 33

Prefix JGJ: mandatory standard.

Preview: page 4 of 4 shown, 81 in the full document. Complete English PDF, instant download:
https://chinastandards.org/standards/jgj-286-2013