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NATIONAL STANDARD OF THE PEOPLE'S REPUBLIC OF CHINA

GB/T 42355.2-2023

Headed bars for the reinforcement of concrete - Part 2: Test methods

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foreword

This document is in accordance with the provisions of GB/T 1:1-2020 "Guidelines for Standardization Work Part 1: Structure and Drafting Rules for Standardization Documents"

drafting:

This document is the second part of GB/T 42355 "Anchor plate reinforcement for reinforced concrete": GB/T 42355 has issued the following

part:

--- Part 1: Technical conditions;

--- Part 2: Test methods:

This document is modified to adopt ISO 15698-2:2012 "Reinforced Concrete Anchorage Plate Reinforcing Part 2: Test Methods":

Compared with ISO 15698-2:2012, there are technical differences between this document and the vertical single

Lines (|) are marked: See Appendix A for a list of these technical differences and their causes:

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The following editorial changes were made to this document:

--- The standard name was changed from ISO three-stage to two-stage;

--- Deleted "References":

Please note that some contents of this document may refer to patents: The issuing agency of this document assumes no responsibility for identifying patents:

Introduction

GB/T 42355 "Anchor Plate Rebar for Reinforced Concrete" is a sub-technical committee of Steel for Reinforced Concrete of the National Steel Standardization Technical Committee

It is one of the steel bar series standards that will be responsible for formulating and revising: GB/T 42355 aims to standardize the classification and ordering of anchor plates for reinforced concrete

Contents, technical requirements, process inspection, test methods, inspection rules, etc:, are composed of two parts:

--- Part 1: Technical conditions: The purpose is to specify the technical requirements for anchorage plate reinforcement for reinforced concrete structures:

--- Part 2: Test methods: The purpose is to specify the test method applicable to the reinforcement of the anchor plate of the concrete structure:

These two parts of the standard are complementary to each other, the first part belongs to the product standard, and the second part is the test verification method of the first part:

Anchor Plate Rebar for Reinforced Concrete

Part 2: Test methods

1 Scope

This document describes load transfer tests, stability tests of joints and test reports for anchorage slab reinforcement in concrete structures:

This document applies to anchorage plate reinforcement for reinforced concrete:

2 Normative references

The contents of the following documents constitute the essential provisions of this document through normative references in the text: Among them, dated references

For documents, only the version corresponding to the date is applicable to this document; for undated reference documents, the latest version (including all amendments) is applicable to

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this document:

GB/T 1499:2 Steel for reinforced concrete Part 2: Hot-rolled ribbed steel bars (GB/T 1499:2-2018, ISO 6935-2:

2015,NEQ)

GB/T 3098:1 Mechanical properties of fasteners Bolts, screws and studs (GB/T 3098:1-2010, ISO 898-1:2009,

MOD)

GB/T 12160 Calibration of extensometer systems for uniaxial testing of metallic materials (GB/T 12160-2019, ISO 9513:2012,

IDT)

GB/T 14902 ready-mixed concrete

GB/T 16825:1 Inspection of static uniaxial testing machines - Part 1: Inspection and calibration of force measuring systems of tensile and (or) compressive testing machines

standard (GB/T 16825:1-2008, ISO 7500-1:2004, IDT)

GB/T 25917:1-2019 Uniaxial fatigue test system Part 1: Dynamic force calibration (ISO 4965-1:2012, IDT)

GB/T 28900 Test methods for steel for reinforced concrete (GB/T 28900-2012, ISO 15630-1:2010, MOD)

GB/T 38937 Steel Terminology for Reinforced Concrete (GB/T 38937-2020, ISO 16020:2005, MOD)

GB/T 42355:1 Anchor plate reinforcement for reinforced concrete Part 1: Technical requirements (GB/T 42355:1-2023,

ISO 15698-1:2012, MOD)

GB/T 50107 Concrete Strength Inspection and Evaluation Standard

3 Terms and Definitions

The terms and definitions defined in GB/T 42355:1 and GB/T 38937 apply to this document:

4 symbols

The symbols in Table 1 apply to this document:

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