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ENTERPRISE STANDARD OF BAOSTEEL CO., LTD.

Q/BQB 615-2018

Replacing BZJ 615-2013

Carbon steel plates for machine structural

机械结构用碳素厚钢板

Issued on: January 15, 2018

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Issued by: Baoshan Iron and Steel Co., Ltd.

Table of Contents

Foreword	3
1 Scope	4
2 Normative references	4
3 General technical requirements	4
4 Classification and codes.....	5
5 Dimensions, shapes, weights and tolerances	5
6 Technical requirements.....	5
7 Inspections and tests.....	6
8 Annex	7
Annex A (Informative) Comparison table for similar designations in this Standard and the reference standard.....	8

Foreword

This Standard was drafted in accordance with the rules given in GB/T 1.1-2009 “Directives for standardization - Part 1: Structure and drafting of standards”.

This Standard is based on the market demand and the actual situation of Baoshan Iron and Steel Co., Ltd. (referred to as Baosteel for short).

This Standard replaces BZJ 615-2013 “Carbon thick steel plate for mechanical structure”. Compared with BZJ 615-2013, the main change in this Standard is as follows:

- the reference number to the standard was modified to Q/BQB 615.

Annex A of this Standard is informative.

This Standard was proposed by Manufacturing Management Department of Baoshan Iron and Steel Co., Ltd.

This Standard shall be under the jurisdiction of Manufacturing Management Department of Baoshan Iron and Steel Co., Ltd.

This Standard was drafted by Manufacturing Management Department of Baoshan Iron and Steel Co., Ltd.

Drafter of this Standard: Huang Jinhua.

This Standard was issued in January 2018 for the first time.

Carbon steel plates for machine structural

1 Scope

This Standard specifies the dimensions, shapes, technical requirements, tests and inspections, marks and quality certificates of carbon steel plates for machine structural use.

This Standard is applicable to the carbon steel plates for machine structural use that are produced by Baoshan Iron and Steel Co., Ltd.

2 Normative references

The following referenced documents are indispensable for the application of this document. For dated references, only the edition cited applies. For undated references, the latest edition of the referenced document (including any amendments) applies.

GB/T 223, *Methods for chemical analysis of iron, steel and alloy*

GB/T 4336, *Carbon and low-alloy steel - Determination of multi-element contents - Spark discharge atomic emission spectrometric method (routine method)*

GB/T 20066, *Steel and Iron - Sampling and Preparation of Samples for the Determination of Chemical Composition*

GB/T 20123, *Steel and iron - Determination of total carbon and sulfur content Infrared absorption method after combustion in an induction furnace (routine method)*

GB/T 20125, *Low-alloy steel - Determination of multi-element contents - Inductively coupled plasma atomic emission spectrometric method*

Q/BQB 600, *Thick steel plate for high strength welded structure*

3 General technical requirements

Unless otherwise specified by the standard, the steel plates that are supplied in accordance with this Standard shall comply with the corresponding requirements of Q/BQB 600.

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