

Translated English of Chinese Standard: Q/BQB265-2020
www.ChineseStandard.net → Buy True-PDF → Auto-delivery.
Sales@ChineseStandard.net

BQB

ENTERPRISE STANDARD OF
BAOSHAN IRON AND STEEL CO., LTD

Q/BQB 265-2020

Replacing Q/BQB 265-2018

Heat-Resistant Casing

耐热套管

Issued on: June 09, 2020

Implemented on: August 10, 2020

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

Table of Contents

Foreword.....	3
Introduction	4
1 Scope.....	5
2 Normative Reference	5
3 General	5
4 Representation Methods of Designations, Terms, Definitions, Symbols and Abbreviations	6
5 Information to be Provided by the Purchaser	6
6 Manufacturing Methods	7
7 Material Requirements.....	7
8 Dimensions, Weights, Tolerances, Tube Ends and Defects	8
9 Coupling.....	9
10 Inspection and Test	9
11 Marking	11
12 Coating and Protection	12
13 Packaging	12
14 Files	12
Appendix A (Normative) Specified Plastic Elongation Strength at High Temperature.....	13

Heat-Resistant Casing

1 Scope

This Standard specifies the delivery technical conditions for the heat-resistant casing manufactured by Baoshan Iron and Steel Co., Ltd.

This Standard is applicable to seamless casing (hereinafter referred to as casing) used of heavy oil exploitation in the petroleum and natural gas industry and other high-temperature environments.

The steel grade of the casing in this Standard are: BG80H, BG90H, BG100H, BG110H, BG110H-3Cr, BG130H-3Cr.

The casing specified in this standard includes three product specification levels (PSL1, PSL2, PSL3).

2 Normative Reference

The following documents are essential to the application of this document. For the dated documents, only the versions with the dates indicated are applicable to this document; for the undated documents, only the latest version (including all the amendments) is applicable to this document.

API SPEC 5CT:2018 Specification for Casing and Tubing

3 General

Unless otherwise specified in this Standard, this Standard adopts the corresponding provisions of the steel grade of API SPEC 5CT:2018 standard given in Table 1. Generally, it is supplied according to Level-PSL1 for the corresponding steel grade of API SPEC 5CT:2018 standard in Table 1. When the contract indicates that the product specification level is PSL2 or PSL3, it can also be supplied according to the Level-PSL2 or Level-PSL3 for the corresponding steel grade of the API SPEC 5CT:2018 standard in Table 1; but at this time, it shall be negotiated by the supplier and the purchaser and indicated in the contract about the specific requirements for the selected Level-PSL2 or Level-PSL3.

7.3 Charpy V-notch impact test requirements

The casing tube body and coupling blank shall be subjected to Charpy V-notch impact test, and the test temperature shall be 0°C. The specimen orientation, size and minimum energy absorption requirements of all steel grades shall comply with the provisions of Table 4.

7.4 Special requirements

According to the requirements of the purchaser, through the negotiation between the supplier and purchaser, the hardenability, grain size or other items can be inspected; the specific requirements are stipulated by the agreement between the two parties.

8 Dimensions, Weights, Tolerances, Tube Ends and Defects

8.1 Dimensions

The available specifications of the casing are 114.30mm~339.72mm (4-1/2"~13-3/8") in outer diameter. After negotiation between the supplier and the purchaser and indicated in the contract, other specifications can also be supplied.

8.2 Tube end

Unless otherwise specified in the contract, the casing shall use the thread specified in API SPEC 5CT:2018. According to the requirements of the purchaser, after negotiation between the supplier and the purchaser and indicated in the contract, other special threads can also be used; the specific requirements are determined by the agreement between the supplier and the purchaser.

According to the requirements of the purchaser, after negotiation between the supplier and the purchaser, and indicated in the contract, the coupling thread and sealing surface (if special thread) can take surface treatments of high temperature manganese phosphating, copper plating or hot-dip galvanizing.

8.3 Other

The code and specifications, length, straightness, size and weight and allowable deviation, diameter requirements, defects, etc. shall comply with the provisions of corresponding steel grade (see Table 1) of API SPEC 5CT:2018.

This is an excerpt of the PDF (Some pages are marked off intentionally)

Full-copy PDF can be purchased from 1 of 2 websites:

1. <https://www.ChineseStandard.us>

- SEARCH the standard ID, such as GB 4943.1-2022.
- Select your country (currency), for example: USA (USD); Germany (Euro).
- Full-copy of PDF (text-editable, true-PDF) can be downloaded in 9 seconds.
- Tax invoice can be downloaded in 9 seconds.
- Receiving emails in 9 seconds (with download links).

2. <https://www.ChineseStandard.net>

- SEARCH the standard ID, such as GB 4943.1-2022.
- Add to cart. Only accept USD (other currencies - <https://www.ChineseStandard.us>).
- Full-copy of PDF (text-editable, true-PDF) can be downloaded in 9 seconds.
- Receiving emails in 9 seconds (with PDFs attached, invoice and download links).

Translated by: Field Test Asia Pte. Ltd. (Incorporated & taxed in Singapore. Tax ID: 201302277C)

About Us (Goodwill, Policies, Fair Trading...): <https://www.chinesestandard.net/AboutUs.aspx>

Contact: Wayne Zheng, Sales@ChineseStandard.net

Linkin: <https://www.linkedin.com/in/waynezhengwenrui/>

----- The End -----