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ENTERPRISE STANDARD OF
BAOSHAN IRON AND STEEL CO., LTD

Q/BQB 300-2019

Replacing Q/BQB 300-2018

General Rules of Package, Mark and Inspection
Document for Continuously Hot Rolled
Steel Sheets and Strips

热连轧钢板及钢带的包装、标志及检验文件的一般规定

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General Rules of Package, Mark and Inspection

Document for Continuously Hot Rolled

Steel Sheets and Strips

1 Scope

This Standard specifies the general technical requirements for the package, mark, transportation, storage and inspection document of the hot rolled steel sheets and strips.

This Standard is applicable to the hot rolled steel strips, and steel sheets transversely cut from the steel strips, and the steel strips longitudinally cut manufactured by Baoshan Iron and Steel Co., Ltd.; hereinafter referred to as steel sheets and strips.

2 Normative References

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) are applicable to this document.

GB/T 18253-2018 Steel and Steel Products - Types of Inspection Documents

3 General Requirements

3.1 Steel sheets and strips shall be packed neatly, tied tightly, affixed firmly, and handwriting shall be clear. The package shall ensure that the product is not loosened or damaged during the normal transportation and storage.

3.2 Packaging materials shall conform to the provisions of relevant laws and regulations.

3.3 For the steel strip packaging, when performing the unpacking operation, the purchaser shall take appropriate protective measures to prevent the pop-up of the strip from hurting people.

NOTE: the removal of product packaging is a dangerous work; the users must take appropriate

measures to ensure the safety of the operators, equipment and property.

3.4 The functional description of the relevant packaging components can refer to Appendix A (informative). On the premise of ensuring the quality of the packaging, the supplier may choose appropriate packaging components to replace the packaging components specified in this Standard.

3.5 The packaging type (method) and packaging components of the steel plates and steel coils shall be specified by the supplier. If the purchaser has special requirements for the packaging components, packaging type (method), and weight of the bundle (packet), it shall be negotiated during the ordering period and specified in the contract.

4 Package and Mark

4.1 The package and mark of the steel strip shall conform to the provisions of Table 1. For the steel strip, if the user does not specify the vertical package in the contract, the horizontal package shall be taken. The package and mark of the steel sheet shall conform to the provisions of Table 2.

4.2 The supplier can also choose to use the buckle-free bundling method, and the buckle can be cancelled at this time.

4.3 If the purchaser does not select the packaging method, then the appropriate packaging method can be determined by the supplier.

4.4 According to the requirements of the purchaser, through the negotiation between the supplier and the purchaser, and indicated in the contract, the package and mark of the steel sheet and steel strip shall adopt the different provisions from Tables 1 and 2.

4.5 The labels of the finished products shall include the following contents such as supplier's name, supplier's trademark, consignee, contract number, supply standard number, designation, size, furnace number, steel coil number (bundling number), weight, and quantity, etc.

5 Transportation and Storage

5.1 During the transporting period, the steel sheet and strip shall be waterproof and avoid collision.

5.2 The steel sheet and strip shall be stored in a dry and ventilated place.

5.3 The steel sheet and strip shall be protected from contacting with corrosive media.

Appendix A

(Informative)

Functions of Packaging Components

A.1 The functions of the packaging components used for the packaging of each product shall refer to the description in Table A.1. On the premise of ensuring the quality of the packaging, the materials of the packaging components listed in the table can be replaced by other new materials.

Table A.1

Type	Functions of packaging components
Steel strip	1. Strap: fix the steel coils, avoid the looseness during the transporting period. 2. Buckle: secure the strap. 3. Corner armor: avoid the damage to the edge of the steel coil by external force. 4. Rust-proof paper: prevent the steel coil from rusting. 5. Plastic sleeve: alleviate the volatilization speed of the rust-proof paper inhibitor; and reduce the invasion of the steel coils by rainwater. 6. Flat paper: has the buffer effect to prevent the steel coils from being damaged by external force during the transporting and stacking period. 8. Inner periphery guard plate: prevent the steel coil core from being damaged by external force; prevent the rust-proof paper, plastic sleeve, and corner armor from being damaged by external force; reduce the invasion of rainwater towards the steel coil. 9. Round guard plate at end: prevent the end surface of the steel coil from being damaged by external force; prevent the rust-proof paper, plastic sleeve, and corner armor from being damaged by external force; reduce the invasion of rainwater towards the steel coil. 10. Iron/paper inner corner armor: prevent the inner-ring edge of the steel coil from being damaged by external force; fix the inner periphery guard plate and round guard plate at the end or inner-core rust-proof paper and rust-proof paper at the end; reduce the invasion of rainwater towards the steel coil. 11. Iron/paper outer corner armor: prevent the outer-ring edge of the steel coil from being damaged by external force; fix peripheral cladding and round guard plate at the end or circumferential rust-proof paper and rust-proof paper at the end; reduce the invasion of rainwater towards the steel coil. 12. Buckle washer: prevent the buckle from forming damage to the steel coil. 13. Cross buckle: prevent the deviation of the two crossing straps. 14. "O-shaped" fixture: fix high-strength of steel coils to avoid looseness during the transporting period. 15. Others.
Steel	1. Strap: fix the steel coils, avoid the looseness during the transporting period.

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