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**Technical requirements for steel structures welding
management and supervision**

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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 is required.

Please note that some of the contents of this document may involve patents. The issuing organization of this document does not assume the responsibility for identifying patents.

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Technical requirements for steel structure welding supervision

1 Scope

This document specifies the technical requirements for supervision before steel structure welding, during welding, and welding results, as well as the requirements for welding supervision records. Require.

This document applies to supervision services for steel structure welding.

2 Normative references

GB/T 3375

GB 9448

GB/T 26429

GB/T 50083

GB 50661

3 Terms and definitions

The terms and definitions defined in GB/T 3375, GB/T 26429, GB/T 50083 and the following apply to this document.

3.1 Steel structure

A structure made mainly of steel.

[Source. GB/T 50083-2014, 2.1.21]

3.2 Welding

A method of bonding workpieces by applying heat or pressure, or both, with or without filler material. [Source. GB/T 3375-1994, 2.1]

3.3 Welding procedure

Processing methods and implementation requirements related to manufacturing weldments.

Note. Includes welding preparation, material selection, welding method selection, welding parameters, operating requirements, etc.

[Source. GB/T 3375-1994, 2.4, modified]

4 General requirements

4.1 The planning, execution and monitoring of steel structure welding supervision shall comply with the requirements of GB/T 26429.

4.2 Identification and control of factors affecting quality during the steel structure welding process should include the following.

Check the quality system and quality inspection plan of the supervised unit; a) Note. The supervised units include welding construction units, non-destructive testing units, testing and inspection units, and other subcontracting units.