
Welding coordination — Tasks and responsibilities

Coordination en soudage — Tâches et responsabilités



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Published in Switzerland

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Foreword

ISO (the International Organization for Standardization) is a worldwide federation of national standards bodies (ISO member bodies). The work of preparing International Standards is normally carried out through ISO technical committees. Each member body interested in a subject for which a technical committee has been established has the right to be represented on that committee. International organizations, governmental and non-governmental, in liaison with ISO, also take part in the work. ISO collaborates closely with the International Electrotechnical Commission (IEC) on all matters of electrotechnical standardization.

International Standards are drafted in accordance with the rules given in the ISO/IEC Directives, Part 2.

The main task of technical committees is to prepare International Standards. Draft International Standards adopted by the technical committees are circulated to the member bodies for voting. Publication as an International Standard requires approval by at least 75 % of the member bodies casting a vote.

Attention is drawn to the possibility that some of the elements of this document may be the subject of patent rights. ISO shall not be held responsible for identifying any or all such patent rights.

ISO 14731 was prepared by the European Committee for Standardization (CEN) Technical Committee CEN/TC 121, *Welding*, in collaboration with Technical Committee ISO/TC 44, *Welding and allied processes*, Subcommittee SC 11, *Qualification requirements for welding and allied processes personnel*, in accordance with the Agreement on technical cooperation between ISO and CEN (Vienna Agreement).

This second edition cancels and replaces the first edition (ISO 14731:1997), which has been technically revised.

Requests for official interpretations of any aspect of this International Standard should be directed to the Secretariat of ISO/TC 44/SC 11 via your national standards body. A complete listing of these bodies can be found at <http://www.iso.org>.

Introduction

Welding is a special process, which requires the coordination of welding operations in order to establish confidence in welding fabrication and reliable performance in service. The tasks and responsibilities of personnel involved in welding-related activities (e. g. planning, executing, supervising and inspection) should be clearly defined.

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Welding coordination — Tasks and responsibilities

1 Scope

This International Standard identifies the quality-related responsibilities and tasks included in the coordination of welding-related activities.

In any manufacturing organization, welding coordination can be undertaken by one or a number of persons.

Welding coordination requirements can be specified by a manufacturer, a contract or an application standard.

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.

ISO 3834-1, *Quality requirements for fusion welding of metallic materials — Part 1: Criteria for the selection of the appropriate level of quality requirements*

3 Terms and definitions

For the purposes of this document, the following terms and definitions apply.

3.1

manufacturer

person or organization responsible for the welding production

3.2

welding coordination

coordination of manufacturing operations for all welding and welding-related activities

3.3

welding coordinator

person responsible and competent to perform welding coordination

NOTE There might be a need for nominating different welding coordinators for different tasks.

3.4

welding inspection

conformity evaluation of welding-related matters by observation and judgement accompanied as appropriate by measurement or testing

NOTE Welding inspection is a part of welding coordination.