Tillsyn vid svetsning – Uppgifter och ansvar
(ISO 14731:2006)

Welding coordination – Tasks and responsibilities
(ISO 14731:2006)

Denna standard ersätter SS-EN 719, utgåva 1.


This standard supersedes the Swedish Standard SS-EN 719, edition 1.
Welding coordination - Tasks and responsibilities (ISO 14731:2006)
Foreword

This document (EN ISO 14731:2006) has been prepared by Technical Committee CEN/TC 121 "Welding", the secretariat of which is held by DIN, in collaboration with Technical Committee ISO/TC 44 "Welding and allied processes".

This European Standard shall be given the status of a national standard, either by publication of an identical text or by endorsement, at the latest by April 2007, and conflicting national standards shall be withdrawn at the latest by April 2007.

This document supersedes EN 719:1994.

According to the CEN/CENELEC Internal Regulations, the national standards organizations of the following countries are bound to implement this European Standard: Austria, Belgium, Cyprus, Czech Republic, Denmark, Estonia, Finland, France, Germany, Greece, Hungary, Iceland, Ireland, Italy, Latvia, Lithuania, Luxembourg, Malta, Netherlands, Norway, Poland, Portugal, Romania, Slovakia, Slovenia, Spain, Sweden, Switzerland and United Kingdom.
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.
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.
4 Tasks and responsibilities

4.1 Quality-related tasks

Annex B shall be used as a guide to allocate quality-related tasks and responsibilities to welding coordination personnel. It may be supplemented for special application. Not all the items shall necessarily apply to all manufacturing organizations or quality system requirements, and a selection should be made as appropriate. For example, where there is no destructive testing or non-destructive testing, B.14 b) and c) do not apply.

4.2 Specification of tasks and responsibilities

The tasks of the welding coordinator shall be selected from the applicable part of ISO 3834, in accordance with the criteria defined in ISO 3834-1 (see Annex B). Each single activity in Annex B may be associated with a number of tasks and responsibilities, such as:

— specification and preparation,
— control,
— inspection, check or witnessing.

Where welding coordination is carried out by more than one person, the tasks and responsibilities shall be clearly allocated, such that responsibility is clearly defined and the persons are qualified for each specific welding coordination task.

Welding coordination is the sole responsibility of the manufacturer.

The manufacturer shall appoint at least one responsible welding coordinator.

Welding coordination may be subcontracted. However, compliance to this International Standard remains the responsibility of the manufacturer.

5 Job description

5.1 General

A job description is required for the welding coordination personnel, which shall include their tasks and responsibilities.

5.2 Tasks

For identification of the tasks assigned to the welding coordination personnel, see 4.2 and Annex B.

5.3 Responsibilities

The responsibilities assigned to the welding coordination personnel are identified as follows:

— their position in the manufacturing organization and their responsibilities;
— the extent of authorization accorded to them to accept by signature on behalf of the manufacturing organization, as needed in order to fulfil the assigned tasks, e.g. for procedure specification and supervision reports;
— the extent of authorization accorded to them to carry out the assigned tasks.