

TNI	Technológ zvárania plastov Úlohy, zodpovednosti, vedomosti, zručnosti a kompetentnosť	TNI CEN/TR 16862 64 3092
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Plastics welding supervisor - Task, responsibilities, knowledge, skills and competence

Táto technická normalizačná informácia obsahuje anglickú verziu CEN/TR 16862:2023.
This Technical standard information includes the English version of CEN/TR 16862:2023.

Táto technická normalizačná informácia bola oznámená vo Vestníku ÚNMS SR č. 03/24

Oznámením tohto dokumentu sa ruší
TNI CEN/TR 16862 (64 3092) z januára 2017

138245

TECHNICAL REPORT**CEN/TR 16862****RAPPORT TECHNIQUE****TECHNISCHER REPORT**

December 2023

ICS 03.100.30; 25.160.10

Supersedes CEN/TR 16862:2015

English Version

Plastics welding supervisor - Task, responsibilities, knowledge, skills and competence

Superviseur en soudage de matières plastiques -
Missions, responsabilités, connaissances, qualifications
et compétences

Kunststoffsweißaufsicht - Aufgaben,
Verantwortungen, Wissen, Fähigkeiten und Kompetenz

This Technical Report was approved by CEN on 17 December 2023. It has been drawn up by the Technical Committee CEN/TC 249.

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EUROPEAN COMMITTEE FOR STANDARDIZATION
COMITÉ EUROPÉEN DE NORMALISATION
EUROPÄISCHES KOMITEE FÜR NORMUNG

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CEN/TR 16862:2023 (E)

Contents		Page
European foreword		3
Introduction		4
1	Scope	5
2	Normative references	5
3	Terms and definitions	5
4	Tasks and responsibilities	8
4.1	General	8
4.2	Pre-welding activities	8
4.2.1	General	8
4.2.2	Contract review	8
4.2.3	Technical document review	8
4.2.4	Materials and products	8
4.2.5	Welding environment	9
4.2.6	Equipment	9
4.2.7	Welding personnel	9
4.2.8	Testing activities	9
4.2.9	Materials weldability	9
4.3	Activities during welding	10
4.4	Activities after welding	10
4.4.1	Acceptance and release of the welded joints	10
4.4.2	Management non-compliance and corrective actions	10
5	Competence	10
5.1	General	10
5.2	Knowledge	11
5.3	Skills	11
Bibliography		13

European foreword

This document (CEN/TR 16862:2023) has been prepared by Technical Committee CEN/TC 249 "Plastics", the secretariat of which is held by SIS.

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

This document supersedes CEN/TR 16862:2015.

CEN/TR 16862:2023 includes the following significant technical changes with respect to CEN/TR 16862:2015:

- in clause 3, definition of “informal learning” and “non-formal learning”, clarifications for the definition of “plastics welding supervisor”;
- in clause 5.2 added two points for the welding processes on “practical experience” and on “health, safety, and environmental aspects”

Any feedback and questions on this document should be directed to the users’ national standards body. A complete listing of these bodies can be found on the CEN website.

CEN/TR 16862:2023 (E)**Introduction**

Welding is a special process that requires the coordination of activities related to quality, including construction, testing and maintenance in order to ensure confidence in the reliability of welded structures and their behaviour in service. This document defines the tasks and responsibilities, knowledge, skills, and competence necessary to carry out the role of "plastic welding supervisor".

The use of this document helps an organization to provide evidence of sound management and can, therefore, represent a technical credential for the achievement of the welded product's performance requirements.

1 Scope

This document identifies the quality-related responsibilities and tasks included in the supervision of activities related to the welding of products and semi-finished products made of thermoplastic materials and provides guidelines to ensure the quality of the supervision.

The fundamental aspects of this document are the following:

- definition of tasks and responsibilities;
- definition of the required knowledge, skills and competence.

The plastic welding supervisor (PWS) is employed by the organization involved in the welding activities. This document applies to all thermoplastic welding processes.

2 Normative references

The following documents are referred to in the text in such a way that some or all of their content constitutes requirements 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.

EN ISO 9000, *Quality management systems - Fundamentals and vocabulary (ISO 9000)*

EN ISO/IEC 17000, *Conformity assessment — Vocabulary and general principles (ISO/IEC 17000)*

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

koniec náhľadu – text ďalej pokračuje v platenej verzii STN