

Certificate

Meeting quality requirements for welding according to the standard
PN-EN ISO 3834-2:2021-09

The Product Certifying Body TÜV NORD Polska Sp. z o.o. accredited by the Polish Centre for Accreditation (No. AC 103) certifies that the requirements of the above standard are met for the company:

**TNS Sp. z o.o.,
ul. Obornicka 13A
02-948 Warszawa
Polska**

The company has the technical equipment, qualified personnel and welding technologies to ensure proper production and control of welded products.

The scope of the certification is defined in the annex to this certificate

Certificate No. TNP-3834-**0088-2024**

The certificate is valid until: 28.04.2027

Katowice, 10.05.2024

Certifier
Zbigniew Grzybacz

TÜV NORD Polska Sp. z o.o.
Ul. Mickiewicza 29,
40-085 Katowice
tuv-nord.pl



AC 103

Product Certification Body
accredited by PCA, No. AC 103

TÜVNORDGROUP

Annex

to certificate no. TNP-3834-0088-2024

PN-EN ISO 3834-2:2021-09

Manufacturer: **TNS Sp. z o.o.**, ul. Obornicka 13A, 02-948 Warszawa, Polska
 Manufacturing site: **TNS Sp. z o.o.**, ul. Lubliniecka 14, 47-120 Zawadzkie, Polska
 Date of issue: **10.05.2024**

1. Scope of certification

Processes related to welding of metallic materials according to PN-EN ISO 3834-2:2021-09 standard in the field of steel load-bearing structures and pressure equipment.

2. Material groups (according to ISO/TR 15608:2017)

1.1; 1.2; 1.3; 3.1; 4; 5.1; 5.2; 5.3; 6; 7.1; 8.1; 10.1; 11.1; 45

3. Welding processes and related material groups

Welding processes (acc. to PN-EN ISO 4063:2023-10) with degree of mechanization (manual, partly mechanized, mechanized, automatic, robotic)

Material groups (acc. to ISO/TR 15608:2017)

Welding processes (acc. to PN-EN ISO 4063:2023-10) with degree of mechanization (manual, partly mechanized, mechanized, automatic, robotic)	Material groups (acc. to ISO/TR 15608:2017)
111, Manual metal arc welding	1.1; 1.2; 5.1; 8.1
121, Submerged arc welding with solid wire electrode; mechanized	1.1; 1.2; 4
131, MIG welding with solid wire electrode; partly mechanized	8.1; 45
135, MAG welding with solid wire electrode; partly mechanized	1.1; 1.2; 1.3; 3.1; 4; 5.1; 5.2; 5.3; 6; 7.1; 8.1; 10.1; 11.1
141, TIG welding with solid filler material; manual	1.1; 1.2; 4; 5.1; 5.2; 5.3; 8.1; 10.1
141, TIG welding with solid filler material; mechanized	1.1; 1.2; 4; 5.1; 5.3; 8.1; 11.1

4. Responsible welding coordinators

Name	Qualification	Scope of competence and level of qualifications*
Andrzej Łambucki	EWE	Welding coordinator level C, diploma PL/EWE/00238/98
Krzysztof Nowak	IWE	Welding coordinator level C, diploma PL/IWE/2123/2016

* The level of knowledge complies with PN-EN ISO 14731:2019-05 B, S or C

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