



CERTIFICATE EN ISO 3834-2

ZVVZ MACHINERY, a.s.
Sažinova 888
399 01 Milevsko
IČO: 28127625

**Certification Body No. 3170, accredited by CAI (ČIA, o.p.s.)
according to ČSN EN ISO IEC 17065:2013**

hereby confirms that the company has been examined and fulfils
the requirements of welding process within the following scope of certification:
ČSN EN ISO 3834-2:2022

For the type of product/process:

**Design and the production of steel structures in accordance
with the requirements EN 1090-1, 2 and 3, to the class EXC3, in relation to
the requirements of Regulation No. 305/2011 of the European Parliament
and of the Council (EU). Further pressure equipment according to EN 13480,
aluminum tanks and pressure vessels according to AD 2000 Mbl. in relation to
the requirements of PED 2014/68/EC. Further components and parts for railway
vehicles, classification level CL1 according to DIN/ČSN EN 15085-2**

Welding methods:	111 (E), 141 (TIG/WIG) manual, 135 (MAG) manual + mechanized, 131 (MIG) manual + mechanized acc. to EN ISO 4063
Base materials:	Material group 1.1, 1.2, 1.3, 2.2, 3.1, 3.2, 5.1, 5.2, 6.2, 8.1, 8.2, 21, 22.3, 22.4, 23.1 acc. to ISO TR 15608 within a scope of qualified WPQR
Welding supervision:	Zbyněk Peterka, IWT, born 02.01.1975, "S", 6.2.3 */
Deputy:	Tomáš Slivka, born 02.09.1971, „B“, 6.2.3 */
Test No:	5416003/08
Certificate awarded on:	06.04.2023
Valid until:	24.03.2025
Registration number:	3170/004/22/R1

Prague, 06.04.2023


Libor Laňka
COV TÜV NORD Czech, s.r.o.

*/ Qualification of welding supervision in accordance with a document EA 6/02 M:2013, EN ISO 14731:2019.
The documents used by the above-mentioned manufacturer are in accordance with the requirements acc. to EN ISO 3834-5, incl. EN ISO standards and other standards and regulations.
The report from the last audit is an integral part of the certificate.

TÜV NORD Czech, s.r.o.

Českomoravská 2420/15, CZ -190 00 Praha 9
Telefon (00420) 296 587 201-9, Telefax (00420) 296 587 240, E-mail tuev-nord@tuev-nord.cz

Certificate No.: 3170/004/22/R1

Other deputies: Marcel Brůx, born 25.02.1980, head of production check

Qualification of valid welding procedures should be adhered to during the welding process, and conditions for the performance of welder practical exams must be fulfilled in accordance with relevant standards and regulations for given area.

Product standard used: EN 1090-2, 3, EN 13445, EN 13480, AD 2000 Mbl, EN 15085

Welding processes (acc. EN ISO 4063)	Groups of basic material (acc. CEN ISO/TR 15608)
135	1.1, 1.2, 1.4, 2.2, 3.1, 5.1, 5.2, 8.1, 8.2
131	8.2, 21, 22.4, 23.1
111	1.1, 1.2, 1.3, 1.4, 8.1, 8.2
136	8.1
141	1.1, 1.2, 1.4, 8.1, 8.2, 21, 22.4, 23.1

General requirements:

According to ČSN EN ISO 3834-2

Certificate revocation

Certification Body, which has issued this certificate, may revoke this certificate if:

- there are substantial doubts that welding was carried out according to respective standards
- there are substantial doubts that welding supervision was performed properly according to respective standards
- approved welding supervision is no longer available to the full extent
- valid welder and welding personnel certificates according to respective standards are not available
- welding according to respective standards is being carried out by welders and welding personnel that have not passed appropriate exams
- other conditions according to respective standards are no longer being fulfilled
- Certification Body is not allowed to perform yearly surveillance audits
- company waives the right to the certificate.

After certificate revocation, the company should confirm the certificate revocation to the Certification Body in writing.

If a valid certificate is to be renewed, it is necessary to request the Certification Body to extend the validity of the certificate at least **2 months** before the period of validity of the current certificate expires.

Distribution list:

1. Customer
2. Documents

