



CERTIFICATE EN ISO 3834-2

ŽĐAS, a.s.
Strojírenská 675/6
591 01 Žďár nad Sázavou
division Metalurgie
ID No.: 463 47 160

**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:

**Repair welding of castings and structural welding in acc. with the requirements
of standard EN 1090-2, design class EXC 3 and components for railway
vehicles acc. to the requirements of EN 15085-2, CL1.**

Welding methods:	111 (E), 135,136,138 (tMAG) manual, 141 (TIG manual) acc. to EN ISO 4063
Base materials:	Material group 1.1,1.2,1.3, 5.1, 5.2, 6.2, 6.4,7.2, 8.1, 9.1, 10.1 acc. to ISO/TR 15608:2013 within a scope of qualified WPQR
Welding supervision:	Ing. Petr Krhounek, IWE/EWE, born 04.04.1976; „C“, 6.2.2*/
Deputy:	Ing. Marek Štábl, IWE/EWE; born 24.04.1993; „S“, 6.2.3*/
Test No:	5414010/10
Certificate awarded on:	11.12.2023
Valid until:	10.12.2026
Registration number:	3170/018/23



Prague, 15.01.2024


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

*/ Qualification of welding supervision in accordance with a document EA 6/02 M:2022,
EN ISO214731:2019.

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.

Certificate No.: 3170/018/23

Other deputies:

Karel Mičoch, born 09.10.1971, IWS, „B“, 6.2.4 */

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, AD 2000 Mbl, EN 15085

Welding processes (acc. EN ISO 4063)	Groups of basic material (acc. CEN ISO/TR 15608)
111	9, 7, 6, 9, 1, 5, 11
135	5, 8, 1
136	1, 5, 6
138	7
141	6, 5, 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