



Industrie Service

# CERTIFICATE

## Welding of railway vehicles and components according to EN 15085-2

This is to certify that **TROX X-FANS GmbH**

**Heinz Trox Straße 1**  
**36251 Bad Hersfeld**  
**GERMANY**

is qualified to perform welding work within the range of certification of:

**Certification level CL2 according to EN 15085-2**

**Field of application:**

- New manufacture of fans and their components
- New manufacture and conversion of simple attachments for railway vehicles of CL2
  - with design
  - without purchase, assembly, resale

### Range of certification

| Welding process according to EN ISO 4063 | Material group according to CEN ISO/TR 15608 | Dimensions                         | Comments                                      |
|--|--|------------------------------------|---|
| 135                                      | 2.2<br>3.1                                   | t = 1.4 - 2.6 mm<br>t = 3 - 20 mm  | BW; FW: t = 1.4-4 mm<br>BW; FW: t = 5 - 12 mm |
| 141                                      | 22<br>1.1                                    | t = 1.5 - 6 mm<br>t = 1.9 - 3.1 mm | -<br>BW; fully mechanic                       |

**Responsible welding coordinator:** Niko Wiens (IWE) born: 10.01.1976  
**Deputy with equal rights:** Thomas Eck (Level C) born: 16.05.1971  
**Deputy:** Hans-Georg Gluth (Level C) born: 06.12.1957  
**Certificate no.:** TÜV SÜD/15085/CL2/341/4/11  
**Valid:** from 28.08.2020 to 27.08.2023  
**Issued on:** 28.08.2020  
**Auditor:** BIERDÜMPFL  
General regulations (see reverse)

**Certification Body**  
Material and Welding Technology

Stangl  
Head of certification body



EQ2712547



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TÜV SÜD Industrie Service GmbH, Westendstr. 199, 80686 Munich, Germany

Certificate no.: TÜV SÜD/15085/CL2/341/4/11

### **Comments:**

Following welding coordinator is allowed to conduct welder and operator tests within the scope of this certificate: Niko Wiens

## **General regulations**

according to EN 15085-2

### **Revocation of the Certificate**

The national safety authority or the manufacturer certification body issuing this certificate may revoke the certificate if:

- there are justified doubts as to the proper execution of the welding work according to the stated standards,
- there are justified doubts as to the proper welding coordination according to the stated standards,
- no recognized welding coordinator is available any longer,
- no valid qualification test certificates for the welders and welding operators according to the specified standards are available,
- welders or welding operators without tested qualifications have been entrusted with the execution of welding work under the stated standards,
- other conditions according to the stated standards are no longer satisfied,
- the manufacturer certification body was refused an opportunity to perform the annual verification,
- the welding manufacturer waives the certificate

The welding manufacturer shall acknowledge the revocation in writing to the manufacturer certification body. The manufacturer certification body shall notify the national safety authority.

If a valid certificate is to be renewed, the renewal must be applied for with the manufacturer certification body at least **two months** before the end of the period of validity of the current certificate.

### **Distribution list:**

1. Applicant (original)
2. Files