



CERTIFICATE

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

This is to certify that **ZIEHL-ABEGG SE**

Günther-Ziehl-Straße 1
74635 Kupferzell
GERMANY

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

Certification level CL1 according to EN 15085-2

Field of application: • New construction of rail vehicles and their components (fans, fan parts, equipment)
 - with design, purchase, assembly and resale

Range of certification

Welding process according to DIN EN ISO 4063	Material group according to CEN ISO/TR 15608	Dimensions	Comments
131	23 22	t = 1.3 - 8 mm t = 1.5 - 12 mm	FW, mit Roboter FW, BW: t = 1,5 - 4 mm
135	2.2 8 10 3.1 1.1	t = 0.7 - 12 mm t = 1 - 7 mm t = 1.4 - 10 mm t = 3 - 12 mm t = 3 - 30 mm	mit Roboter: t = 1 - 12 mm - FW FW FW

(continuation: see reverse)

Responsible welding coordinator: Christoph Lehnert (EWE) born: 24.07.1968
Deputy with equal rights: -
Deputy: Nenad Vujanic (IWS) born: 07.04.1974
Comments: see reverse
Certificate no.: TÜV SÜD/15085/CL1/197/4/05
Valid: from 03.11.2015 to 02.11.2018
Issued on: 03.11.2015
Auditor: HAUG
 General regulations (see reverse)



 Lecca
 head of certification body

Certificate no.: TÜV SÜD/15085/CL1/197/4/05

Continuation of range of certification

Welding process according to DIN EN ISO 4063	Material group according to CEN ISO/TR 15608	Dimensions	Comments
141	23 2.1 8 10 22	t = 0.8 - 3 mm t = 1 - 10 mm t = 1 - 10 mm t = 1.4 - 10 mm t = 3 - 12 mm	FW FW FW, BW: t = 1 - 4,0 mm FW; BW: t = 1,6 - 6,0 mm FW
212	1.1	D = 3 mm	Material, Dx51+Z

Comments:

The welding coordinator, Mr. Christoph Lehnert (EWE), is allowed to perform welder and welding operator tests within the scope of this certificate.

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