



Industrie Service

# CERTIFICATE

**TÜV SÜD-MUC-WD-3160813.2015.004**

Manufacturer: **ZIEHL-ABEGG SE**  
**Heinz-Ziehl-Str.**  
**DE-74653 Künzelsau**

Plant(s): **Günther-Ziehl-Str. 1**  
**DE-74635 Kupferzell**

The above mentioned company fulfills the

**comprehensive quality requirements for fusion  
welding of metallic materials**

according to

**EN ISO 3834-2**

Contract: 3687488

Valid until: October 31, 2024

Munich, December 1, 2022

**Certification Body**  
Material and Welding Technology

*T. Sack*

Toralf Sack



EQ3160813

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



The following range is certified according to EN ISO 3834-2:

**Scope of production:**

- rail vehicles/ -vehicle components
- other constructions or components
- fans, fans parts and equipment

**Base material(s):**  
(Group(s) according to EN ISO/TR 15608)

- 1.1, 1.2
- 2.1, 2.2
- 3.1
- 8.1
- 10.1
- 22.1
- 23.1

**Dimension of items:**

Thickness up to 18 mm, max. length 3,5 m,  
max.  $\varnothing$  1400 mm, max. piece weight 2 t

**Welding processes:**  
(Process numbers according to EN ISO 4063)

131	MIG welding with solid wire electrode
135	MAG welding with solid wire electrode
141	TIG welding with solid filler material (wire / rod)
153	Plasma welding with transferred arc
212	Direkt spot welding
231	Indirect projection welding

**Welding supervisor:** Christoph Lehnert (IWE)  
Deputy: Beatrice Fröhlich (IWE)

**Personnel for non-destructive testing:**  
Responsible: Christoph Lehnert  
Deputy: Beatrice Fröhlich

All other relevant data are detailed in our report no R-(2709115)-22.

**Remarks:**  
None



## General Provisions

Should one of the named welding and testing supervisors leave the company, or welding and test procedures or important parts of equipment required for these procedures be changed or any of the welding-related quality assurance measures be modified, this must be reported beforehand to TÜV SÜD Industrie Service GmbH (hereinafter referred to as TÜV SÜD). If necessary, TÜV SÜD will initiate a renewed inspection at the company. The same applies to the permanent discontinuance of welding work.

Should there be any doubts pertaining to the qualification of the company, TÜV SÜD shall have the right to inspect the company and to carry out tests at the company at any time without prior notification.

This certificate can be withdrawn, amended or modified with immediate effect and without any compensation, if the conditions under which it was issued have changed or if the stipulations and provisions outlined in this certificate or the pertinent report have not been observed.

This certificate shall become invalid if the welding supervisor named therein leaves the company.

The authorization shall be suspended for as long as the company does not have a recognized responsible welding supervisor and no accepted deputy is on hand.

Application for renewal should be submitted to TÜV SÜD at least 2 months prior to expiry of the certificate.

Invalid or revoked certificates must be returned immediately to TÜV SÜD.

This certificate may only be copied or published in its entirety for advertising and other purposes. The text of promotional material may not contradict this certificate.