



Industrie Service

# CERTIFICATE

**TÜV SÜD-W-1220.2020.001**

Manufacturer: **Zeppelin Systems GmbH  
Graf-Zeppelin-Platz 1  
DE – 88045 Friedrichshafen**

Plant(s): **Graf-Zeppelin-Platz 1  
DE – 88045 Friedrichshafen**

The above mentioned company fulfills the

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

according to

**EN ISO 3834-2**

Contract: 3336383

Valid until: December 2023

Munich, December 14, 2020

**Certification Body**  
Material and Welding Technology

  
Klaus Schlotterer



EQ2775445

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

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

**Scope of production:**

- Steel structural engineering
- Silos
- Piping (pressureless)
- Vessels according to PED Modul A, A2 and G
- miscellaneous components like filters, cyclones, transfer tubes, rotary valves and more

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

- 1.1, 1.2
- 8
- 22, 23, 24

**Dimension of items:** Thickness up to 60mm, max. length 35m,  
max.  $\varnothing$  12m, max. piece weight 50t

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

111	Manual arc welding
121	Submerged arc welding with solid wire electrode
131	MIG welding with solid wire electrode
135	MAG welding with solid wire electrode
136	MAG welding with flux cored electrode
141	TIG welding with solid filler material (wire / rod)
153	Plasma welding with transferred arc
43	Friction stir welding

**Welding supervisor:** Mr. Roger Ameringer (IWS)  
Deputy: Ms. Désirée Köhler (IWS)

**Personnel for non-destructive testing:**  
Responsible: Mr. Markus Pollini  
Deputy: Mr. Roger Ameringer

All other relevant data are detailed in our report no R-000021255088-20.

**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.