



CERTIFICATE

TÜV SÜD-MUC-WD-3324858.2020.002

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: 3877098

Valid until: December 13, 2026

Munich, December 14, 2023

Certification Body
Material and Welding Technology

Klaus Schlotterer



EQ3324858

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

CERTIFICAT

CERTIFICADO

СЕРТИФИКАТ

認證證書

CERTIFICATE

ZERTIFIKAT



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

Scope of production:

- Silos
- Piping (pressureless)
- Vessels according to PED Modul A, A1, 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
- 8.1
- 22.1, 22.2, 22.3, 22.4
- 23.1, 23.2

Dimension of items:

Thickness up to 60 mm, max. length 40 m,
max. \varnothing 10 m, max. piece weight 53 t

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

111	Manual arc welding
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)
43	Friction stir welding

Welding supervisor: Mr. Volker Rehse (IWE)
Deputy: Mr. Roger Ameringer (IWS)
Mr. Ralf Knieps (IWS)
Mr. Olaf Peyreder (IWS)

Personnel for non-destructive testing:
Responsible: Mr. Dieter Schüch
Deputy: -

All other relevant data are detailed in our report no R-3324848-23.

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This certificate can be withdrawn, amended or modified with immediate effect and without any compensation, if the conditions under which it was issued have changed or if the stipulations and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.