



Industrie Service

Welding Certificate

TÜV SÜD-00399.2015.005

in accordance with EN 1090-1, table B.1, its hereby declared:
The manufacturer has produced evidence that he fulfills the requirements of the European standard EN 1090-3 for execution of structural aluminium components

Manufacturer	Zeppelin Systems GmbH	
	Graf-Zeppelin-Platz 1 88045 Friedrichshafen GERMANY	
Technical specification	EN 1090-3:2019	
Execution class(es)	EXC3 according to EN 1090-3	
Welding Process(es) <small>(Reference no. acc. to DIN EN ISO 4063)</small>	131 - Metal inert gas welding 141 - TIG gas tungsten arc welding 43 - Friction stir welding	
Material Group	22, 23 according to CEN ISO/TR 15608 and EN 1090-3, table 2 and 3	
Responsible Welding Coordinator <small>(Title, Surname, Name, Qualification, Date of birth)</small>	Sophie Rabenau (extern), IWE	born on: 07.05.1981
Substitute <small>(Title, Surname, Name, Qualification, Date of birth)</small>	see reverse	
Confirmation	All provisions concerning welding as described in the above mentioned technical specification(s) were applied.	
Validity start	17.12.2015	
Period of validity	16.12.2026	
Remarks	see reverse	
Place and date of issue	Munich, 09.09.2024 Betz/UM	

Certification Body
Material and Welding Technology

B.Sc. Beshay
certification body



EQ3324854

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

TUV®

Certificate number: TÜV SÜD-00399.2015.005

deputy:	Roger Ameringer, IWS	born on: 05.01.1965
	Ralf Knieps, IWS	born on: 10.04.1963
	Olaf Peyreder, IWS	born on: 18.08.1975
	Tobias Schlötzer, IWS	born on: 28.07.1997

Remarks:

All other relevant data are detailed in our report No. R-3324848-24 Rev.01.

General provisions

1. The regulations as addressed in the below listed documents in their respective relevant version shall apply:
 - a) General Terms and Conditions of Business of TÜV SÜD Industrie Service GmbH
 - b) Testing and Certification Regulations of TÜV SÜD Group
 - c) Certification Contract between TÜV SÜD Industrie Service GmbH and the customer (manufacturer) as named in the certificate
 - d) DVS Guideline 1711 of the German Society of Welding (the guideline shall generally apply except Annex B)
 - e) General provisions/ conditions for validity of Factory Production Control Certificates according to EN 1090-1 and of the associated Welding Certificates (Request of Certification, Annex 1 of Doc.-No. QS/PÜZ0005/AT)
2. This certificate may be reproduced or published for advertising or other purposes only in its entirety. The wording of any marketing publications must not be contradictory to the contents of this certificate.
3. The certifying body reserves the right to perform inspections at the company's premises at any time, without having to give notice and subject to additional charge, in the event of questions arising with regard to the manufacturer's qualification.
4. This certificate may be withdrawn, amended or modified at any time, with immediate effect and without compensation, if the conditions under which it has been issued have changed or if the requirements of this certificate have not been complied with.
5. The certifying body must be notified of following changes:
 - a) new production plant or changes to key production facilities;
 - b) changes in the position of responsible welding coordinator;
 - c) introduction of new welding procedures, new basic materials and corresponding WPQRs (welding procedure qualification records)
 - d) new key production facilities.

In the cases referred to above the certifying body will arrange for an inspection to be performed by the inspection agency.