ZERTIFIKAT ◆ CERTIFICATE ◆ 認證證書 ◆ СЕРТИФИКАТ ◆ CERTIFICADO ◆ CERTIFICAT

Industrie Service

Welding Certificate

TÜV SÜD-00150.2014.004

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 1090-2 for execution of structural steel components

Manufacturer	**BOWA GmbH** **Apparate und Behälterbau** **Liebigstr. 2** **84544 Aschau a. Inn** **GERMANY**
Technical specification	**EN 1090-2:2008+A1:2011**
Execution class(es)	**EXC2 according to EN 1090-2**
Welding Process(es) (Reference no. acc. to DIN EN ISO 4063)	111 - Manual metal arc welding 135 - Metal active gas welding 141 - TIG gas tungsten arc welding
Material Group	1.1, 1.2 according to CEN ISO/TR 15608 and EN 1090-2, table 2 and 3 10, 8 according to CEN ISO/TR 15608 and EN 1090-2, table 4
Responsible Welding Coordinator (Title, Surname, Name, Qualification, Date of birth)	Günther Kneidl, EWS — born on: 07.01.1962
Substitute (Title, Surname, Name, Qualification, Date of birth)	Gerhard Berger, EWS — born on: 17.03.1971
Confirmation	All provisions concerning welding as described in the above mentioned technical specification(s) were applied.
Validity start	06.08.2014
Period of validity	06.03.2023
Remarks	see reverse
Place and date of issue	Munich, 05.03.2020 Hennerfeind/KS

Certification Body
Material and Welding Technology

B.Eng. Schlotterer
Deputy head of certification body

DAkkS
Deutsche Akkreditierungsstelle
D-ZE-14153-06-00

EQ1920191

Certificate number: TÜV SÜD-00150.2014.004

Remarks:

All other relevant data are detailed in our Report R-000020684877-20.

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 pur-poses 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 corre-sponding 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.