

Welding Certificate

DVS ZERT-EN1090-2-SZ-2023.0174.001

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	Friedrich Hippe Maschinenfabrik und Gerätebau GmbH Töpferstraße 25 49170 Hagen a.T.W. GERMANY
Technical specification	EN 1090-2:2018
Execution class(es)	EXC4 according to EN 1090-2
Welding Process(es) <small>(Reference no. acc. to DIN EN ISO 4063)</small>	135 - Metal active gas welding <small>(Continuation see back side)</small>
Material Group	1.1, 1.2 according to CEN ISO/TR 15608 and EN 1090-2, table 2 and 3 8.1 according to CEN ISO/TR 15608 and EN 1090-2, table 4
Responsible Welding Coordinator <small>(Title, Surname, Name, Qualification, Date of birth)</small>	Gerrit Zilch, IWE born on: 30.01.1976
Substitute <small>(Title, Surname, Name, Qualification, Date of birth)</small>	-
Confirmation	All provisions concerning welding as described in the above mentioned technical specification(s) were applied.
Validity start	24.11.2023
Period of validity	27.11.2026
Remarks	see reverse

Place and date of issue

Düsseldorf, 24.11.2023
Hoyten


Dipl.-Ing. Gurschke
Head of certification body

Certificate number: DVS ZERT-EN1090-2-SZ-2023.0174.001

Welding Process(es)

(Reference no. acc. to DIN EN ISO 4063)

- 141 - TIG gas tungsten arc welding
- 21 - Spot welding
- 24 - Flash welding
- 783 - Drawn arc stud welding with ceramic ferrule or shielding gas
- 786 - Capacitor discharge stud welding with tip ignition

Remarks:

The requirements for work tests are to be observed acc. to DIN EN 1090-2.

For stainless steel grades the approval document Z-30.3-6 of DIBt must be observed.

The requirements for work tests are to be observed acc. to DIN EN ISO 14555.

General Terms

1. This certificate is valid as long as the terms of the above technical specifications themselves or the manufacturing conditions of the essential manufacturing factory have not changed significantly.
2. This certificate may only be reproduced or published for advertising or other purposes than as a whole. The text of promotional material doesn't has to be in conflict with this certificate.
3. In case of any doubt as to the suitability of the manufacturing factory(ies) there is the possibility reserved by the inspection authority to carry out an unexpected spot checks in the manufacturing factory paid by the manufacturer
4. This certificate may be withdrawn at any time with immediate effect and be amended or modified if the conditions under which it was granted have changed, or if the terms of this certificate are not met.
5. The following changes must be reported to the inspection authority:
 - a) New production or significant changes to essential manufacturing facilities;
 - b) Change of the welding coordinator;
 - c) inception of new welding processes, new base materials and related WPQRs (welding procedure qualification record)
 - d) new essential manufacturing facilitiesThe inspection authority will cause a supplementary examination in the cases cited
6. At least two months before the expiry date there shall be submitted an application to the inspection authority, when the qualification should be recertified.

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1. Applicant
2. File