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Product Certificate

Steel press fittings for steel pipes

Based on pre-certification tests as well as periodic inspections by Kiwa Nederland B.V., the products referred to in this certificate and marked with the GASTEC QA mark, supplied by

Viega GmbH & Co. KG

may, on delivery, be relied upon to comply with the GASTEC QA approval requirements 214, for "Fitness for admixtures up to and including 100% hydrogen gas" dated September 2022.

Ron Scheepers
Kiwa

This certificate is issued by Kiwa Nederland B.V. in conjunction with the KIWA regulations for Certification 2017.

This certificate consists of 3 pages.
Publication of the certificate is allowed.

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CERTIFICATE

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PRODUCT SPECIFICATION

Steel press fittings type Megapress G with SC-contur for joining steel pipes according to EN 10255 type M.

Maximum operating pressure 5 bar.

| | | |
|--|---------------------------------------|------------------------|
| 4611 Adapter 2" x R2" | 4612 Adapter 2" x Rp2" | 4615 Coupling 2" |
| 4611 Adapter 1 1/2" x R1 1/2" | 4612 Adapter 1 1/2" x Rp1 1/2" | 4615 Coupling 1 1/2" |
| 4611 Adapter 1 1/4" x R1 1/4" | 4612 Adapter 1 1/4" x Rp1 1/4" | 4615 Coupling 1 1/4" |
| 4611 Adapter 1" x R1" | 4612 Adapter 1" x Rp1" | 4615 Coupling 1" |
| 4611 Adapter 3/4" x R3/4" | 4612 Adapter 1" x Rp3/4" | 4615 Coupling 3/4" |
| 4611 Adapter 1/2" x R1/2" | 4612 Adapter 3/4" x Rp3/4" | 4615 Coupling 1/2" |
| | 4612 Adapter 3/4" x Rp1/2" | |
| | 4612 Adapter 1/2" x Rp1/2" | |
| 46151 Reduction piece 2"x 11/2" | 46155 Sliding Coupling 2" | 4616 Elbow 90° 2" |
| 46151 Reduction piece 2"x 11/4" | 46155 Sliding Coupling 1 1/2" | 4616 Elbow 90° 1 1/2" |
| 46151 Reduction piece 1 1/2" x 1 1/4" | 46155 Sliding Coupling 1 1/4" | 4616 Elbow 90° 1 1/4" |
| 46151 Reduction piece 1 1/2" x 1" | 46155 Sliding Coupling 1" | 4616 Elbow 90° 1" |
| 46151 Reduction piece 1 1/2" x 3/4" | 46155 Sliding Coupling 3/4" | 4616 Elbow 90° 3/4" |
| 46151 Reduction piece 1 1/4" x 1" | 46155 Sliding Coupling 1/2" | 4616 Elbow 90° 1/2" |
| 46151 Reduction piece 1 1/4" x 3/4" | | |
| 46151 Reduction piece 1" x 3/4" | | |
| 46151 Reduction piece 1" x 1/2" | | |
| 46151 Reduction piece 3/4" x 1/2" | | |
| 46161 Elbow 90° 2" | 4626 Elbow 45° 2" | 46261 Elbow 45° 2" |
| 46161 Elbow 90° 1 1/2" | 4626 Elbow 45° 1 1/2" | 46261 Elbow 45° 1 1/2" |
| 46161 Elbow 90° 1 1/4" | 4626 Elbow 45° 1 1/4" | 46261 Elbow 45° 1 1/4" |
| 46161 Elbow 90° 1" | 4626 Elbow 45° 1" | 46261 Elbow 45° 1" |
| 46161 Elbow 90° 3/4" | 4626 Elbow 45° 3/4" | 46261 Elbow 45° 3/4" |
| 46161 Elbow 90° 1/2" | 4626 Elbow 45° 1/2" | 46261 Elbow 45° 1/2" |
| 46172 T-piece 2" x Rp1" x 2" | 4618 T-piece 2" x 1 1/2" x 2" | |
| 46172 T-piece 2" x Rp3/4" x 2" | 4618 T-piece 2" x 1 1/4" x 2" | |
| 46172 T-piece 2" x Rp1/2" x 2" | 4618 T-piece 2" x 1" x 2" | |
| 46172 T-piece 1 1/2" x Rp1" x 1 1/2" | 4618 T-piece 2" x 3/4" x 2" | |
| 46172 T-piece 1 1/2" x Rp3/4" x 1 1/2" | 4618 T-piece 1 1/2" x 1 1/4" x 1 1/2" | |
| 46172 T-piece 1 1/2" x Rp1/2" x 1 1/2" | 4618 T-piece 1 1/2" x 1" x 1 1/2" | |
| 46172 T-piece 1 1/4" x Rp1" x 1 1/4" | 4618 T-piece 1 1/2" x 3/4" x 1 1/2" | |
| 46172 T-piece 1 1/4" x Rp3/4" x 1 1/4" | 4618 T-piece 1 1/4" x 1" x 1 1/4" | |
| 46172 T-piece 1 1/4" x Rp1/2" x 1 1/4" | 4618 T-piece 1 1/4" x 3/4" x 1 1/4" | |
| 46172 T-piece 1" x Rp1" x 1" | 4618 T-piece 1" x 3/4" x 1" | |
| 46172 T-piece 1" x Rp3/4" x 1" | 4618 T-piece 1" x 1/2" x 1" | |
| 46172 T-piece 1" x Rp1/2" x 1" | 4618 T-piece 3/4" x 1/2" x 3/4" | |
| 46172 T-piece 3/4" x Rp3/4" x 3/4" | 4618 T-piece 2" | |
| 46172 T-piece 3/4" x Rp1/2" x 3/4" | 4618 T-piece 1 1/2" | |
| | 4618 T-piece 1 1/4" | |
| | 4618 T-piece 1" | |
| | 4618 T-piece 3/4" | |
| | 4618 T-piece 1/2" | |
| 4656 Cap 2" | 46595 Flange 2" | |
| 4656 Cap 1 1/2" | 46595 Flange 1 1/2" | |
| 4656 Cap 1 1/4" | 46595 Flange 1 1/4" | |
| 4656 Cap 1" | 46595 Flange 1" | |
| 4656 Cap 3/4" | 46595 Flange 3/4" | |
| 4656 Cap 1/2" | 46595 Flange 1/2" | |

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APPLICATION AND USE

The products are intended to be applied as gas distribution and installation materials for natural gas with an admixture of 20% hydrogen gas and pure hydrogen gas. The maximum operating pressure (MOP) and operating temperature are specified in the approval requirement for the product for GASTEC QA certification.

MARKING

- GASTEC QA word mark, logo or punch mark.
- Manufacturer's name or trademark: Viega
- External diameter of the pipe which is to be connected
- Production code
- If the press fitting is suitable for gas only the fitting shall be marked with the word "gas" or a yellow marking
- Internal support shall be marked with diameter x wall thickness
- The words 'Bestand tegen waterstofgas' and 'Hydrogen ready'

If the marking does not fit on the product, it can be placed on the smallest packaging

RECOMMENDATIONS FOR END USERS

Check at the time of delivery whether:

- the producer has delivered in accordance with the agreement;
- the mark and the marking method are correct;
- the products show no visible defects as a result of transport.

Consult the producer's processing guidelines for the proper storage and transport methods.

Check whether this certificate is still valid by consulting Kiwa Nederland B.V. or the Kiwa website.

If you should reject a product on the basis of the above, please contact the supplier and, if necessary, Kiwa Nederland B.V.
