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Product Certificate

Equipment for temporarily closing of gas 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

Kleiss & Co b.v.

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 June 2019.

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 2 pages.
Publication of the certificate is allowed.

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Hydrogen gas Certification

CERTIFICATE

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Equipment for temporarily closing of gas pipes

PRODUCT SPECIFICATION

Bladder set system BZA-P3 existing off:

Gas bladder type MDS-500 numbers:

- 1 – (DN 60 – 80)
- 2 – (DN 80 – 120)
- 3 – (DN 120 – 170)
- 4 – (DN 140 – 215)
- 5 – (DN 190 – 270)
- 6 – (DN 240 – 315)

Associated equipment (pressure gauge rod, manometer, lance and zakbuis) for placing the gas bladder.

APPLICATION AND USE

The product is intended to be used in distribution systems for gas conform the Regulations gas quality for low caloric gas to be used up to and including 16 bar* with an admixture up to and including 100% hydrogen gas. The maximum pressure and operation temperature are mentioned in the approval requirement for the product for GASTEC QA certification.

MARKING

- GASTEC QA, GASTEC QA logo, word mark or trademark.
 - Name of manufacturer: Kleiss & Co b.v.
 - Production date possible in code
 - At inflatable closing elements the working pressure
 - The pipe system diameter or diameter range for which the closing element is suitable
 - The words 'Bestand tegen waterstofgas' and 'Hydrogen ready'.
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RECOMMENDATIONS FOR END USERS

Check at the time of delivery whether:

- the producer has delivery 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.
