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Product Certificate

Compression fittings

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

Conex Universal Ltd.

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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Compression fittings

PRODUCT SPECIFICATION

Design: Brass, DZR Brass and Nickel plated

CONEX 301

Straight coupler	
10 x 10	15 x 10
12 x 12	15 x 12
15 x 15	22 x 15
22 x 22	28 x 22
28 x 28	22 x 12
12 x 10	

CONEX 323

Stop End
12
15
22
28

CONEX 403

Female Elbow
15 x Rp 1/2
22 x Rp 3/4
28 x Rp 1

CONEX 601C

Edge Tee
15 x 15 x 15
22 x 22 x 22
22 x 22 x 15
22 x 15 x 15

CONEX X301

Straight Coupler with hexagonal nut

12 x 12	22 x 22
15 x 12	28 x 15
15 x 10	28 x 22
15 x 15	28 x 28
22 x 15	

CONEX X401

Elbow hexagonal nut	
12 x 12	22 x 22
15 x 12	28 x 22
15 x 15	28 x 28
22 x 15	

CONEX 302TA

Male Straight Connector		
15 x R 1/2		15 x R 3/4
22 x R 3/4		22 x R 1/2
28 x R 1		22 x R 1
12 x R 3/8		28 x R 3/4
12 x R 1/2		
15 x R 3/8		

CONEX 401

Elbow		
12 x 10		22 x 15
12 x 12		22 x 22
15 x 10		28 x 28
15 x 12		28 x 15
15 x 15		28 x 22

CONEX 403WL

Female Wall Plate Elbow
15 x Rp 1/2.

CONEX 601EQ

Tee Equal
12 x 12 x 12
15 x 15 x 15
22 x 22 x 22
28 x 28 x 28

CONEX X302TA

Straight Coupler with hexagonal nut x Male thread

12 x R 3/8	22 x R 1/2
12 x R 1/2	22 x R 3/4
15 x R 3/8	22 x R 1
15 x R 1/2	28 x R 3/4
15 x R 3/4	28 x R 1

CONEX X402TA

Elbow hexagonal nut x Male Fitting		
12 x R 3/8		22 x R 3/4
12 x R 1/2		22 x R 1
15 x R 3/8		28 x R 1
15 x R 1/2		
15 x R 3/4		

CONEX 303

Female Straight Connector
15 x Rp 1/2
22 x Rp 3/4
28 x Rp 1

CONEX 402TA

Male Taper Elbow		
15 x R 1/2		15 x R 3/4
22 x R 3/4		22 x R 1
12 x R 3/8		28 x R 1
12 x R 1/2		
15 x R 3/8		

CONEX 601

Tee Reduced		
15 x 12 x 15		22 x 28 x 15
22 x 15 x 15		22 x 28 x 22
22 x 15 x 22		28 x 22 x 15
22 x 22 x 15		28 x 28 x 22
15 x 22 x 15		28 x 28 x 15
28 x 22 x 22		28 x 15 x 22
28 x 15 x 28		28 x 22 x 28
22 x 12 x 22		

CONEX 901

Cross Equal
15 x 15 x 15 x 15
22 x 15 x 15 x 15
22 x 15 x 22 x 15

CONEX X323

Stop End hexagonal nut

12
15
22
28

CONEX X601

Tee Reduced hexagonal nut		
12 x 15 x 12		28 x 15 x 15
15 x 12 x 12		28 x 15 x 28
15 x 15 x 12		28 x 15 x 28
15 x 12 x 15		28 x 22 x 28
15 x 22 x 15		28 x 28 x 15
22 x 15 x 15		28 x 28 x 22
22 x 15 x 22		28 x 22 x 22
22 x 22 x 15		28 x 15 x 15
22 x 28 x 22		28 x 15 x 28

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Compression fittings

CONEX X601EQ

Tee hexagonal nut
 10 x 10 x 10 22 x 22 x 22
 12 x 12 x 12 28 x 28 x 28
 15 x 15 x 15

CONEX SX401

Elbow
 10 x 10
 15 x 10
 28 x 15

CONEX SX601

Tee reduced hexagonal nut 3 x compression
 12 x 10 x 12 15 x 15 x 12
 12 x 15 x 12 28 x 22 x 15
 15 x 12 x 12

CONEX SX684

Female Tee
 15 x Rp 1/2 x 15

CONEX X901

Cross hexagonal nut
 15 x 15 x 15 x 15
 22 x 22 x 22 x 22

CONEX X403

Female Elbow
 12 x Rp 3/8 22 x Rp 1/2
 15 x Rp 1/2 22 x Rp 3/4
 15 x Rp 3/4

CONEX SX601C

Corner Tee Reduced hexagonal nut
 22 x 15 x 15
 22 x 15 x 22
 22 x 22 x 22

CONEX X303

Female Straight Connector
 15 x Rp 1/2
 15 x Rp 3/4
 22 x Rp 1

CONEX X403WL

Female Wall Plate Elbow
 15 x Rp 1/2

CONEX X617

Female Tee
 22 x 22 x Rp 1/2
 22 x 22 x Rp 3/4

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, GASTEC QA logo, trademark or punch mark. This also applies to inserts.
- Manufacturers identity symbol or trademark
- If practicable nominal diameter
- Number and part of standard: EN 1254-2
- Inserts are marked with diameter x wall thickness.
- The words 'Bestand tegen waterstofgas' and 'Hydrogen ready'

Fittings manufactured from dezincification resistant copper-zinc alloys shall be legibly and durably marked in accordance with either:

- a) for grade A material use symbol QI or characters DRA;
- b) for grade B material, use characters DRB.

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.
