

Kitemark™ Certificate

This is to certify that:

SANHA GmbH & Co. KG
Im Teelbruch 80
Essen
45219
Germany

Holds Certificate Number:

KM 787159

In respect of:

prEN 10352:2010
Stainless steel plumbing fittings: Fittings with press ends for metallic tubes.

This issues the right and licence to use the Kitemark in accordance with the Kitemark Terms and Conditions governing the use of the Kitemark, as may be updated from time to time by BSI Assurance UK Ltd (the "Conditions"). All defined terms in this Certificate shall have the same meaning as in the Conditions.

The use of the Kitemark is authorized in respect of the Product(s) detailed on this Certificate provided at or from the above address.



For and on behalf of BSI:

Shahm Barhom, Group Product Certification Director

First Issued: 2023-10-20

Latest Issue: 2024-06-05

Effective Date: 2024-06-05

Expiry Date: 2027-05-16

Page: 1 of 8

Kitemark™ Certificate

No. KM 787159

prEN 10352:2010 Stainless steel plumbing fittings. Fittings with press ends for metallic tubes

SANHA Stainless Press - Type 2 gas press fittings - standard fittings

Item	Reference	Sizes
Coupling	Fig. 1	15mm, 18mm, 22mm, 28mm, 35mm, 42mm, 54mm, 76.1mm, 88.9mm, 108mm, 139.7mm and 168.3mm
Slip Coupling	Fig. 2	15mm, 18mm, 22mm, 28mm, 35mm, 42mm, 54mm, 76.1mm, 88.9mm and 108mm
Elbow 90°	Fig. 3	15mm, 18mm, 22mm, 28mm, 35mm, 42mm, 54mm, 76.1mm, 88.9mm, 108mm, 139.7mm and 168.3mm
Elbow 90° F-M	Fig. 4	15mm, 18mm, 22mm, 28mm, 35mm, 42mm, 54mm, 76.1mm, 88.9mm, 108mm, 139.7mm and 168.3mm
Elbow 75°	Fig. 56	42mm, 54mm, 76.1mm, 88.9mm and 108mm
Elbow 60°	Fig. 51	15mm, 18mm, 22mm, 28mm, 35mm, 42mm, 54mm, 76.1mm, 88.9mm and 108mm
Elbow 45°	Fig. 5	15mm, 18mm, 22mm, 28mm, 35mm, 42mm, 54mm, 76.1mm, 88.9mm, 108mm, 139.7mm and 168.3mm
Elbow 45° F-M	Fig. 6	15mm, 18mm, 22mm, 28mm, 35mm, 42mm, 54mm, 76.1mm, 88.9mm, 108mm, 139.7mm and 168.3mm
Elbow 30°	Fig. 48	15mm, 18mm, 22mm, 28mm, 35mm, 42mm, 54mm, 76.1mm, 88.9mm and 108mm
Elbow 30° F-M	Fig. 66	15mm, 18mm, 22mm, 28mm, 35mm, 42mm, 54mm, 76.1mm, 88.9mm and 108mm
Elbow 15°	Fig. 50	15mm, 18mm, 22mm, 28mm, 35mm, 42mm, 54mm, 76.1mm, 88.9mm and 108mm
Elbow 15° F-M	Fig. 64	15mm, 18mm, 22mm, 28mm, 35mm, 42mm, 54mm, 76.1mm, 88.9mm and 108mm
Elbow 10°	Fig. 57	42mm, 54mm, 76.1mm, 88.9mm and 108mm
Tee Equal	Fig. 16	15mm, 18mm, 22mm, 28mm, 35mm, 42mm, 54mm, 76.1mm, 88.9mm, 108mm, 139.7mm and 168.3mm
Cross Equal	Fig. 30	15mm, 18mm, 22mm, 28mm, 35mm, 42mm, 54mm, 76.1mm, 88.9mm and 108mm
Cross Reducer	Fig. 30	15mm, 18mm, 22mm, 28mm, 35mm, 42mm, 54mm, 76.1mm, 88.9mm and 108mm (configured to customer requirement)
Pipe Bridge	Fig. 25	15mm, 18mm, 22mm and 28mm
Cap End	Fig. 21	15mm, 18mm, 22mm, 28mm, 35mm, 42mm, 54mm, 76.1mm, 88.9mm and 108mm

First Issued: 2023-10-20

Latest Issue: 2024-06-05

Effective Date: 2024-06-05

Expiry Date: 2027-05-16

Page: 2 of 8

This certificate has been issued by and remains the property of BSI Assurance UK Ltd, Kitemark Court, Davy Avenue, Knowlhill, Milton Keynes MK5 8PP, United Kingdom and should be returned immediately upon request.
To check its validity telephone +44 (0) 345 080 9000. An electronic certificate can be authenticated [online](#).

Kitemark™ Certificate

No. KM 787159

prEN 10352:2010 Stainless steel plumbing fittings. Fittings with press ends for metallic tubes

SANHA Stainless Press - Type 2 gas press fittings - reducer fittings

Item	Reference	Sizes
Straight Reducer F-M	Fig. 14	18mm x 15mm, 22mm x 15mm, 22mm x 18mm, 28mm x 15mm, 28mm x 18mm, 28mm x 22mm, 35mm x 15mm, 35mm x 18mm, 35mm x 22mm, 35mm x 28mm, 42mm x 15mm, 42mm x 18mm, 42mm x 22mm, 42mm x 28mm, 42mm x 35mm, 54mm x 15mm, 54mm x 18mm, 54mm x 22mm, 54mm x 28mm, 54mm x 35mm, 54mm x 42mm, 76.1mm x 22mm, 76.1mm x 28mm, 76.1mm x 35mm, 76.1mm x 42mm, 76.1mm x 54mm, 88.9mm x 22mm, 88.9mm x 28mm, 88.9mm x 35mm, 88.9mm x 42mm, 88.9mm x 54mm, 88.9mm x 76.1mm, 108mm x 22mm, 108mm x 28mm, 108mm x 35mm, 108mm x 42mm, 108mm x 54mm, 108mm x 76.1mm, 108mm x 88.9mm, 139.7mm x 88.9mm, 139.7mm x 108mm, 168.3mm x 88.9mm, 168.3mm x 108mm and 168.3mm x 139.7mm
Tee Reducer central branch	Fig. 15	18mm x15mm x18mm, 22mm x15mm x22mm, 22mm x18mm x22mm, 28mm x15mm x28mm, 28mm x18mm x28mm, 28mm x22mm x28mm, 35mm x15mm x35mm, 35mm x18mm x35mm, 35mm x22mm x35mm, 35mm x28mm x35mm, 42mm x15mm x42mm, 42mm x18mm x42mm, 42mm x22mm x42mm, 42mm x28mm x42mm, 42mm x35mm x42mm, 54mm x15mm x54mm, 54mm x18mm x54mm, 54mm x22mm x54mm, 54mm x28mm x54mm, 54mm x35mm x54mm, 54mm x42mm x54mm, 76.1mm x22mm x76.1mm, 76.1mm x28mm x76.1mm, 76.1mm x35mm x76.1mm, 76.1mm x42mm x76.1mm, 76.1mm x54mm x76.1mm, 88.9mm x22mm x88.9mm, 88.9mm x28mm x88.9mm, 88.9mm x35mm x88.9mm, 88.9mm x42mm x88.9mm, 88.9mm x54mm x88.9mm, 88.9mm x76.1mm x88.9mm, 108mm x22mm x108mm, 108mm x28mm x108mm, 108mm x35mm x108mm, 108mm x42mm x108mm, 108mm x54mm x108mm, 108mm x76.1mm x108mm, 108mm x88.9mm x108mm, 139.7mm x88.9mm x139.7mm, 139.7mm x108mm x139.7mm, 168.3mm x76.1mm x168.3mm, 168.3mm x88.9mm x168.3mm, 168.3mm x108mm x168.3mm and 168.3mm x139.7mm x168.3mm

First Issued: 2023-10-20

Latest Issue: 2024-06-05

Effective Date: 2024-06-05

Expiry Date: 2027-05-16

Page: 3 of 8

This certificate has been issued by and remains the property of BSI Assurance UK Ltd, Kitemark Court, Davy Avenue, Knowlhill, Milton Keynes MK5 8PP, United Kingdom and should be returned immediately upon request.

To check its validity telephone +44 (0) 345 080 9000. An electronic certificate can be authenticated [online](#).

Kitemark™ Certificate

No. KM 787159

prEN 10352:2010 Stainless steel plumbing fittings. Fittings with press ends for metallic tubes

SANHA Stainless Press - Type 2 gas press fittings - adapter fittings

Item	Reference	Sizes
Straight Adapter female thread	Fig. 17	15mm x 3/8", 15mm x 1/2", 15mm x 3/4", 18mm x 1/2", 18mm x 3/4", 22mm x 1/2", 22mm x 3/4", 22mm x 1", 28mm x 3/4", 28mm x 1", 28mm x 1 1/4", 35mm x 1", 35mm x 1 1/4", 35mm x 1 1/2", 42mm x 1 1/4", 42mm x 1 1/2", 54mm x 1 1/2", 54mm x 2", 76.1mm x 2 1/2" and 89.9mm x 3"
Straight Adapter male thread	Fig. 18	15mm x 1/2", 15mm x 3/4", 18mm x 1/2", 18mm x 3/4", 22mm x 1/2", 22mm x 3/4", 22mm x 1", 28mm x 3/4", 28mm x 1", 28mm x 1 1/4", 35mm x 1", 35mm x 1 1/4", 35mm x 1 1/2", 42mm x 1 1/4", 42mm x 1 1/2", 54mm x 1 1/2", 54mm x 2", 76.1mm x 2 1/2", 88.9mm x 3" and 108mm x 4"
Straight Adapter grooved coupling	Fig. 61	DN28 x 33.7mm, DN35 x 42.4mm, DN42 x 48.3mm, DN54 x 60.3mm, DN76.1 x 73mm, DN76.1 x 76.1mm, DN88.9 x 88.9mm and DN108 x 114.3mm
Straight Adapter threaded connection (3 piece)	Fig. 24	15mm, 18mm, 22mm, 28mm, 35mm, 42mm and 54mm
Straight Adapter gas union connection (3 piece)	Fig. 46	15mm, 18mm, 22mm, 28mm, 35mm, 42mm and 54mm
Straight Adapter with female valve connector	Fig. 11	15mm x 1/2", 18mm x 1/2", 18mm x 3/4", 22mm x 3/4", 28mm x 1", 35mm x 1 1/4", 42mm x 1 1/2", 54mm x 2", 54mm x 2 1/2" and 76.1mm x 2 1/2"
Straight Adapter with female union connector	Fig. 45	15mm x 1/2", 15mm x 3/4", 18mm x 1/2", 18mm x 3/4", 22mm x 3/4", 22mm x 1", 28mm x 1", 35mm x 1 1/4", 42mm x 1 1/2", 42mm x 2" and 54mm x 2"
Straight Adapter female thread gas union connection (3 piece)	Fig. 42	15mm x 1/2", 15mm x 3/4", 18mm x 1/2", 18mm x 3/4", 22mm x 3/4", 22mm x 1", 28mm x 1", 35mm x 1 1/4", 42mm x 1 1/2" and 54mm x 2"
Straight Adapter male thread gas union connection (3 piece)	Fig. 41	15mm x 1/2", 15mm x 3/4", 18mm x 1/2", 18mm x 3/4", 22mm x 3/4", 22mm x 1", 28mm x 1", 35mm x 1 1/4", 42mm x 1 1/2" and 54mm x 2"

First Issued: 2023-10-20

Latest Issue: 2024-06-05

Effective Date: 2024-06-05

Expiry Date: 2027-05-16

Page: 4 of 8

This certificate has been issued by and remains the property of BSI Assurance UK Ltd, Kitemark Court, Davy Avenue, Knowlhill, Milton Keynes MK5 8PP, United Kingdom and should be returned immediately upon request.

To check its validity telephone +44 (0) 345 080 9000. An electronic certificate can be authenticated [online](#).

Kitemark™ Certificate

No. KM 787159

prEN 10352:2010 Stainless steel plumbing fittings. Fittings with press ends for metallic tubes

SANHA Stainless Press - Type 2 gas press fittings - adapter fittings

Item	Reference	Sizes
Elbow Adapter 90° female thread	Fig. 34	15mm x 1/2", 15mm x 3/8", 18mm x 1/2", 18mm x 3/4", 22mm x 3/4", 28mm x 1" and 35mm x 1 1/4"
Elbow Adapter 90° male thread	Fig. 39	15mm x 1/2", 15mm x 3/8", 18mm x 1/2", 18mm x 3/4", 22mm x 3/4", 28mm x 1", 35mm x 1 1/4", 42mm x 1 1/2" and 54mm x 2"
Elbow Adapter 90° mitred with female thread	Fig. 7	15mm x 1/2", 18mm x 1/2", 18mm x 3/4", 22mm x 3/4", 28mm x 1" and 35mm x 1 1/4"
Elbow Adapter 90° mitred with wall fixing female thread	Fig. 9	15mm x 1/2", 18mm x 1/2" and 22mm x 3/4"
Elbow Adapter 90° mitred male thread	Fig. 8	15mm x 1/2", 18mm x 1/2", 18mm x 3/4", 22mm x 3/4", 28mm x 1", 35mm x 1 1/4", 42mm x 1 1/2" and 54mm x 2"
Elbow Adapter 90° with swivel nut	Fig. 35	15mm x 1/2", 18mm x 1/2", 18mm x 3/4", 22mm x 3/4", 28mm x 1", 35mm x 1 1/4" and 42mm x 1 1/2" and 54mm x 2"
Elbow Adapter 90° double with wall fixing	Fig. 76	15mm x 15mm x 1/2" (2x press connectors)
Elbow Adapter 45° male thread	Fig. 33	15mm x 1/2", 18mm x 1/2", 18mm x 3/4", 22mm x 3/4" and 28mm x 1"
Tee Adapter female thread central branch	Fig. 12	15mm x 1/2" x 15mm, 18mm x 1/2" x 18mm, 18mm x 3/4" x 18mm, 22mm x 1/2" x 22mm, 22mm x 3/4" x 22mm, 28mm x 1/2" x 28mm, 28mm x 3/4" x 28mm, 28mm x 1" x 28mm, 35mm x 1/2" x 35mm, 35mm x 3/4" x 35mm, 35mm x 1" x 35mm, 35mm x 1 1/4" x 35mm, 42mm x 1/2" x 42mm, 42mm x 3/4" x 42mm, 42mm x 1" x 42mm, 42mm x 1 1/2" x 42mm, 54mm x 1/2" x 54mm, 54mm x 3/4" x 54mm, 54mm x 1" x 54mm, 54mm x 2" x 54mm, 76.1mm x 3/4" x 76.1mm, 76.1mm x 2" x 76.1mm, 88.9mm x 3/4" x 88.9mm, 88.9mm x 2" x 88.9mm, 108mm x 3/4" x 108mm, 108mm x 2" x 108mm, 139.7mm x 3/4" x 139.7mm and 139.7mm x 2" x 139.7mm
Tee Adapter male thread central branch	Fig. 36	15mm x 1/2", 15mm x 3/8", 18mm x 1/2", 18mm x 3/4", 22mm x 3/4", 28mm x 1" and 35mm x 1 1/4"
Cross Adapter female thread	Fig. 38	15mm, 18mm, 22mm, 28mm, 35mm, 42mm, 54mm, 76.1mm, 88.9mm and 108mm (configured to customer requirement)
Cross Adapter male thread	Fig. 37	15mm, 18mm, 22mm, 28mm, 35mm, 42mm, 54mm, 76.1mm, 88.9mm and 108mm (configured to customer requirement)

First Issued: 2023-10-20

Latest Issue: 2024-06-05

Effective Date: 2024-06-05

Expiry Date: 2027-05-16

Page: 5 of 8

This certificate has been issued by and remains the property of BSI Assurance UK Ltd, Kitemark Court, Davy Avenue, Knowlhill, Milton Keynes MK5 8PP, United Kingdom and should be returned immediately upon request.
To check its validity telephone +44 (0) 345 080 9000. An electronic certificate can be authenticated [online](#).

BSI Assurance UK Limited, registered in England under number 7805321 at 389 Chiswick High Road, London W4 4AL, UK.
A member of BSI Group of Companies.

Kitemark™ Certificate

No. KM 787159

prEN 10352:2010 Stainless steel plumbing fittings. Fittings with press ends for metallic tubes

SANHA Stainless Press - Type 2 gas press fittings - adapter fittings

Item	Reference	Sizes
Half Coupling	Fig. 47	15mm, 18mm, 22mm, 28mm, 35mm, 42mm, 54mm, 76.1mm, 88.9mm and 108mm
Welding Adapter	Fig. 55	15mm x DN15, 18mm x DN18, 22mm x DN22, 38mm x DN28, 35mm x DN35, 42mm x DN42 and 54mm x DN54
Pipe Penetration F-M	Fig. 65	15mm, 18mm, 22mm, 28mm, 35mm, 42mm, 54mm, 76.1mm, 88.9mm and 108mm
Flange Adaptor	Fig 19	15mm, 18mm, 22mm, 28mm, 35mm, 42mm, 54mm, 76.1mm, 88.9mm and 108mm
Flange Adaptor	Fig. 28	54mm, 76.1mm, 88.9mm, 108mm, 114mm, 139.7mm and 168.3mm
Flange Adaptor PN6	Fig. 52	15mm, 18mm, 22mm, 28mm, 35mm, 42mm, 54mm, 76.1mm, 88.9mm and 108mm

First Issued: 2023-10-20

Latest Issue: 2024-06-05

Effective Date: 2024-06-05

Expiry Date: 2027-05-16

Page: 6 of 8

This certificate has been issued by and remains the property of BSI Assurance UK Ltd, Kitemark Court, Davy Avenue, Knowlhill, Milton Keynes MK5 8PP, United Kingdom and should be returned immediately upon request.

To check its validity telephone +44 (0) 345 080 9000. An electronic certificate can be authenticated [online](#).

Kitemark™ Certificate

No. KM 787159

prEN 10352:2010 Stainless steel plumbing fittings. Fittings with press ends for metallic tubes

SANHA Stainless Press - Type 2 gas press fittings – compatible items

Item	Reference	Sizes
Stainless Steel Tubing 1.4401 and 1.4404		15mm, 18mm, 22mm, 28mm, 35mm, 42mm, 54mm, 76.1mm, 88.9mm, 108mm, 139.7mm and 168.3mm
Elbow 90° with plain ends	Fig. 10	15mm, 18mm, 22mm, 28mm, 35mm, 42mm, 54mm, 76.1mm, 88.9mm and 108mm
Elbow 75° with plain ends	Fig. 63	15mm, 18mm, 22mm, 28mm, 35mm, 42mm, 54mm, 76.1mm, 88.9mm and 108mm
Elbow 60° with plain ends	Fig. 58	15mm, 18mm, 22mm, 28mm, 35mm, 42mm, 54mm, 76.1mm, 88.9mm and 108mm
Elbow 45° with plain ends	Fig. 72	15mm, 18mm, 22mm, 28mm, 35mm, 42mm, 54mm, 76.1mm, 88.9mm and 108mm
Elbow 30° with plain ends	Fig. 49	15mm, 18mm, 22mm, 28mm, 35mm, 42mm, 54mm, 76.1mm, 88.9mm and 108mm
Elbow 15° with plain ends	Fig. 59	15mm, 18mm, 22mm, 28mm, 35mm, 42mm, 54mm, 76.1mm, 88.9mm and 108mm
Elbow 10° with plain ends	Fig. 73	15mm, 18mm, 22mm, 28mm, 35mm, 42mm, 54mm, 76.1mm, 88.9mm and 108mm
Pipe Bridge with plain ends	Fig. 20	15mm, 18mm, 22mm and 28mm
Pipe Bridge with plain ends	Fig. 22	15mm, 18mm, 22mm and 28mm
Pipe Bridge with plain ends	Fig. 23	15mm, 18mm, 22mm and 28mm
Pipe Penetration with plain ends	Fig. 53	15mm, 18mm, 22mm, 28mm, 35mm, 42mm, 54mm, 76.1mm, 88.9mm and 108mm
Straight Adapter female thread plain end	Fig. 26	15mm x 1/2", 18mm x 1/2", 18mm x 3/4", 22mm x 1/2", 22mm x 3/4", 28mm x 3/4", 28mm x 1", 35mm x 1 1/4", 42mm x 1 1/4", 42mm x 1 1/2" and 54mm x 2"
Straight Adapter male thread plain end	Fig. 27	15mm x 1/2", 18mm x 1/2", 18mm x 3/4", 22mm x 1/2", 22mm x 3/4", 28mm x 3/4", 28mm x 1", 35mm x 1 1/4", 42mm x 1 1/4", 42mm x 1 1/2" and 54mm x 2"
Cap End plain end	Fig. 54	15mm, 18mm, 22mm, 28mm, 35mm, 42mm, 54mm, 76.1mm, 88.9mm and 108mm
HNBR O-rings		15mm, 18mm, 22mm, 28mm, 35mm, 42mm, 54mm, 76.1mm, 88.9mm, 108mm, 139.7mm and 168.3mm

First Issued: 2023-10-20

Latest Issue: 2024-06-05

Effective Date: 2024-06-05

Expiry Date: 2027-05-16

Page: 7 of 8

This certificate has been issued by and remains the property of BSI Assurance UK Ltd, Kitemark Court, Davy Avenue, Knowlhill, Milton Keynes MK5 8PP, United Kingdom and should be returned immediately upon request.

To check its validity telephone +44 (0) 345 080 9000. An electronic certificate can be authenticated [online](#).

Kitemark™ Certificate

No. KM 787159

prEN 10352:2010 Stainless steel plumbing fittings. Fittings with press ends for metallic tubes

SANHA Stainless Press - Type 2 gas press fittings

High Thermal Capacity: 650°C for 30 mins.

MOP: Gas: 5 bar (external above ground), 1 bar (within buildings that are subject to fire regulations).

Materials:

Description	Grade	Operating temperature range
Fitting body	1.4401 / 1.4404 Stainless Steel	
O-ring (Gas)	H-NBR	-20°C to 70°C

Gas fittings are identified with yellow markings.

Manufacturing Location:

0047639470-000

First Issued: 2023-10-20

Latest Issue: 2024-06-05

Effective Date: 2024-06-05

Expiry Date: 2027-05-16

Page: 8 of 8

This certificate has been issued by and remains the property of BSI Assurance UK Ltd, Kitemark Court, Davy Avenue, Knowlhill, Milton Keynes MK5 8PP, United Kingdom and should be returned immediately upon request.

To check its validity telephone +44 (0) 345 080 9000. An electronic certificate can be authenticated [online](#).

BSI Assurance UK Limited, registered in England under number 7805321 at 389 Chiswick High Road, London W4 4AL, UK.
A member of BSI Group of Companies.