

Kitemark™ Certificate

This is to certify that:

SAINT-GOBAIN PIPELINES CO., LTD.
HUA GONG RD.
CI HU
MAANSHAN
Anhui
243052
China

Holds Certificate Number:

KM 673208

In respect of:

BS EN 545
Ductile iron pipes, fittings, accessories and their joints for water pipelines

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: 2017-12-11

Latest Issue: 2024-07-22

Effective Date: 2024-08-06

Expiry Date: 2027-08-05



Page: 1 of 3

Kitemark™ Certificate

No. KM 673208

BS EN 545:2010 - Ductile iron pipes, fittings, accessories and their joints for water pipelines. Requirements and test methods.

The scope of this Certificate covers the following products:

Ductile Iron Pipe

| Description | Nominal Size | Standard Lengths (m) |
|--------------------------------------|-----------------------|----------------------|
| Pipes with flexible joints, Class C | DN 80 – DN 600 (inc.) | 5.5 or 6.0 |
| Pipes with flexible joints, Class K# | DN 80 – DN 600 (inc.) | 5.5 or 6.0 |

#Class as designated in BS EN 545:2006

Ductile Iron Pipe Fittings (including non-standard*)

| Description | Nominal Size |
|---|----------------|
| Double Flange Pipe | DN 80 – DN 600 |
| Double Flange Pipe with Puddle Flange | DN 80 – DN 600 |
| *Flange Spigot Pipe | DN 80 – DN 600 |
| *Flange Spigot Pipe with Puddle Flange | DN 80 – DN 600 |
| *Double Spigot Pipe | DN 80 – DN 600 |
| *Double Spigot Pipe with Puddle Flange | DN 80 – DN 600 |
| Flanged Sockets | DN 80 – DN 600 |
| Flanged Spigots | DN 80 – DN 600 |
| *Socket Spigot 11.25° / 22.5° / 45° / 90° Bend(s) | DN 80 – DN 600 |
| *Socket Spigot Tee with Flange Branch | DN 80 – DN 600 |
| *Socket Spigot Tee with Socket Branch | DN 80 – DN 600 |
| *Socket Spigot Taper | DN 80 – DN 600 |
| *Spigot Cap | DN 80 – DN 600 |
| *Socket Plug | DN 80 – DN 600 |
| *Sleeve | DN 80 – DN 600 |
| Collars | DN 80 – DN 600 |

#A range of non-standard fittings complying with the technical requirements of BS EN 545 but not described in clauses 8.3 & 8.4 are also certified.

First Issued: 2017-12-11

Latest Issue: 2024-07-22

Effective Date: 2024-08-06

Expiry Date: 2027-08-05

Page: 2 of 3

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 673208

BS EN 545:2010 - Ductile iron pipes, fittings, accessories and their joints for water pipelines. Requirements and test methods.

Ductile Iron Pipe Fittings (including non-standard*) continued

| Description | Nominal Size |
|--|------------------------------------|
| Double Socket 45° Bend | DN 80 – DN 600 |
| *Double Socket 30° Bend | DN 80 – DN 600 |
| Double Socket 22.5° & 11.25° Bend(s) | DN 80 – DN 600 |
| #Double Socket 90° Bends | DN 80 - DN 300 - *DN 350 - DN 600* |
| Double Socket Tee with Flanged Branch | DN 80 – DN 600 |
| *Double Socket Level Invert Tee with Flange | DN 80 – DN 600 |
| Double Socket Tapers (Concentric and Flat) | DN 80 – DN 600 |
| All Socket Tees | DN 80 - DN 300 - *DN 350 - DN 600* |
| Double Flange 45° & 90° Bend(s) | DN 80 – DN 600 |
| *Double Flange 90° Long Radius Bend | DN 80 – DN 600 |
| Double Flange Duckfoot 90° Bend(s) | DN 80 – DN 600 |
| *Double Flange 22.5° & 11.25° Bend(s) | DN 80 - DN 400 - *DN 450 - DN 600* |
| Double Flange Tapers (Concentric and Flat) | DN 50 – DN 600 |
| *All-Flange Cross | DN 80 – DN 600 |
| *All-Flange Radial Tees | DN 80 – DN 600 |
| All-Flange Tees | DN 50 – DN 600 |
| Blank Flanges | DN 80 – DN 600 |
| *Welded Flange Blanks | DN 80 – DN 600 |
| *Welded Puddle Flange Blanks | DN 80 – DN 600 |
| *Flange (for the fabrication of screw-on flange) | DN 80 – DN 600 |

#A range of non-standard fittings complying with the technical requirements of BS EN 545 but not described in clauses 8.3 & 8.4 are also certified.

Ductile iron pipes and fittings DN 60 – DN 600 manufactured at: Ref: 000, SAINT-GOBAIN PIPELINES CO., LTD.,

Ductile iron pipes and fittings DN 350 – DN 600 manufactured at: Ref: 002, Liaoning Stock Yard

First Issued: 2017-12-11

Latest Issue: 2024-07-22

Effective Date: 2024-08-06

Expiry Date: 2027-08-05

Page: 3 of 3

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](#).