



CERTIFIKAT

No. SC0935-11

Shut-off valve *Högfors* for district heating or district cooling systems

Holder / Issued for / Manufacturer

Högfors Oy, P.O. Box 13, FI-24101 SALO, Finland

Product name

Högfors Butterfly valve 31300 series

Product description

Butterfly valves in sizes DN 200 - DN 1200, as shown in the appendix to this certificate.

Certification

The product described here fulfils the requirements in SP's *Certification rules for P-marking of shut-off valves in district heating and district cooling systems, SPCR 145*, and also the requirements set out in the Swedish District Heating Association's document *Certification of valves, test and inspection requirement, no. D:210*.

The valve is tested and approved for flow in one direction. The valve meets the rate A requirements for tightness in accordance with EN 12266.

Associated documents

- "31300 ENG Product sheet", edition 09-03-2011
- "31300 Installation and maintenance instruction", edition 20-05-2010

Marking

Each product that complies with the certified product may display a quality symbol, as shown below to the right.

Test result report

SP report no. PX12683 dated 2011-09-15.

Validity

This certificate is valid until latest 30th September 2016.

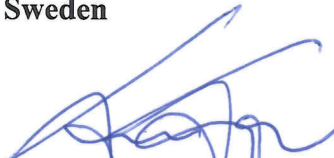
Miscellaneous

SP exercises surveillance inspection in accordance with Items 4 and 5 in SPCR 145. This is issue 1 of this certificate.

Borås 28th September 2011

SP Technical Research Institute of Sweden Certification


Lennart Månsson
Certification manager


Geron Johansson
Certification Officer



Certificate issued by SP

SP Technical Research Institute of Sweden

Postal address Phone / Fax Reg.number E-mail / Internet
SP +46 33-16 50 00 556464-6874 info@sp.se
Box 857 +46 33-13 55 02 www.sp.se
SE-501 15 Borås
SWEDEN

This certificate may not be reproduced other than in full, except with the prior written approval by SP.



CERTIFIKAT

No. SC0935-11 - Appendix

Dated 28th September 2011

Valve type *Högfors butterfly valve 31300 series*, dimensions and arrangements

Type of valve	Size	Pressure class
Shut-off valves	DN 200 DN 250 DN 300 DN 350 DN 400 DN 450 DN 500 DN 600 DN 700 DN 800 DN 900 DN 1000 DN 1200	PN 25

SP Technical Research Institute of Sweden

Postal address Phone / Fax Reg.number E-mail / Internet
SP +46 33-16 50 00 556464-6874 info@sp.se
Box 857 +46 33-13 55 02 www.sp.se
SE-501 15 Borås
SWEDEN

This certificate may not be reproduced other than in full, except with the prior written approval by SP.