



No Lesen : PC000473

Licence No :

LESEN PENSIJILAN BARANGAN

Product Certification Licence



SIRIM

SIRIM QAS International Sdn. Bhd. dengan ini menganugerahkan kepada
SIRIM QAS International Sdn. Bhd. hereby grants to

**HOBAS ROHRE GMBH AUSTRIA
WIETERSDORF 1,
KLEIN ST. PAUL
9373, AUSTRIA**



ISO/IEC 17065 : 2012
PC 05102004 CB 01

Lesen untuk menggunakan Tanda Pensijilan di atas barangan
a licence to use the Certification Mark on

**GLASS REINFORCED THERMOSETTING PLASTICS (GRP) PIPING
SYSTEMS FOR PRESSURE AND NON PRESSURE WATER SUPPLY**

Please refer to detail in the SCHEDULE

sebagai mematuhi keperluan
as complying with

ISO 10639 : 2004



Khalidah Mustafa
Pengarah Urusan
Managing Director
SIRIM QAS International Sdn. Bhd.

SIRIM QAS International Sdn. Bhd.
(No. Syarikat 410334-X)
1, Persiaran Dato' Menteri
Seksyen 2, Peli' Surat 7035
40700 Shah Alam
Selangor Darul Ehsan
MALAYSIA.

Tel : 60-3-55446400
Faks : 60-3-55446466

<http://www.sirim.my>
<http://www.malaysian-certified.my>

Tarikh Mula Pensijilan : 28 December 2012

Certified Since

Sah Sehingga : 28 December 2016

Valid Until

Tarikh Dikeluarkan : 30 November 2015

Issue Date

No Siri : 020689

Serial No

Lesen ini dianugerahkan tertakluk kepada syarat-syarat Perjanjian Pensijilan Barangan SIRIM QAS International Sdn. Bhd.
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SCHEDULE

HOBAS ROHRE GMBH AUSTRIA



Brand : HOBAS
 Model : SN 500, SN 630, SN1000, SN1250, SN2000, SN2500, SN4000, SN5000, SN8000, SN10000 AND SN20000
 Rating : PN1, PN2.5, PN4, PN6, PN9, PN10, PN12, PN15, PN16, PN18, PN20, PN25 AND PN32
 Type : SERIES S1
 Size : NOMINAL SIZE (mm) : DN150, DN200, DN250, DN300, DN350, DN375, DN400, DN450, DN500, DN600, DN700, DN750, DN800, DN900, DN1000, DN1100, DN1200, DN1300, DN1400, DN1500, DN1600, DN1650, DN1700, DN1800, DN1900, DN2000, DN2100, DN2200, DN2300, DN2400, DN2500, DN2600, DN2700, DN2800, DN2900 AND DN3000



Brand : HOBAS
 Model : BENDS (SN 500, SN 630, SN1000, SN1250, SN2000, SN2500, SN4000, SN5000, SN8000, SN10000 AND SN20000)
 Rating : PN1, PN2.5, PN4, PN6, PN9, PN10, PN12, PN15, PN16, PN18, PN20, PN25 AND PN32
 Type : SERIES S1
 Size : NOMINAL SIZE (mm) : DN150, DN200, DN250, DN300, DN350, DN375, DN400, DN450, DN500, DN600, DN700, DN750, DN800, DN900, DN1000, DN1100, DN1200, DN1300, DN1400, DN1500, DN1600, DN1650, DN1700, DN1800, DN1900, DN2000, DN2100, DN2200, DN2300, DN2400, DN2500, DN2600, DN2700, DN2800, DN2900 AND DN3000

Brand : HOBAS
 Model : COUPLER (SN 500, SN 630, SN1000, SN1250, SN2000, SN2500, SN4000, SN5000, SN8000, SN10000 AND SN20000)
 Rating : PN1, PN2.5, PN4, PN6, PN9, PN10, PN12, PN15, PN16, PN18, PN20, PN25 AND PN32
 Type : SERIES S1
 Size : NOMINAL SIZE (mm) : DN150, DN200, DN250, DN300, DN350, DN375, DN400, DN450, DN500, DN600, DN700, DN750, DN800, DN900, DN1000, DN1100, DN1200, DN1300, DN1400, DN1500, DN1600, DN1650, DN1700, DN1800, DN1900, DN2000, DN2100, DN2200, DN2300, DN2400, DN2500, DN2600, DN2700, DN2800, DN2900 AND DN3000

SCHEDULE

HOBAS ROHRE GMBH AUSTRIA



Brand : HOBAS
 Model : BRANCHES (SN 500, SN 630, SN1000, SN1250, SN2000, SN2500, SN4000, SN5000, SN8000, SN10000 AND SN20000)
 Rating : PN1, PN2.5, PN4, PN6, PN9, PN10, PN12, PN15, PN16, PN18, PN20, PN25 AND PN32
 Type : SERIES S1
 Size : NOMINAL SIZE (mm) : DN150, DN200, DN250, DN300, DN350, DN375, DN400, DN450, DN500, DN600, DN700, DN750, DN800, DN900, DN1000, DN1100, DN1200, DN1300, DN1400, DN1500, DN1600, DN1650, DN1700, DN1800, DN1900, DN2000, DN2100, DN2200, DN2300, DN2400, DN2500, DN2600, DN2700, DN2800, DN2900 AND DN3000



Brand : HOBAS
 Model : REDUCERS (SN 500, SN 630, SN1000, SN1250, SN2000, SN2500, SN4000, SN5000, SN8000, SN10000 AND SN20000)
 Rating : PN1, PN2.5, PN4, PN6, PN9, PN10, PN12, PN15, PN16, PN18, PN20, PN25 AND PN32
 Type : SERIES S1
 Size : NOMINAL SIZE (mm) : DN150, DN200, DN250, DN300, DN350, DN375, DN400, DN450, DN500, DN600, DN700, DN750, DN800, DN900, DN1000, DN1100, DN1200, DN1300, DN1400, DN1500, DN1600, DN1650, DN1700, DN1800, DN1900, DN2000, DN2100, DN2200, DN2300, DN2400, DN2500, DN2600, DN2700, DN2800, DN2900 AND DN3000

Brand : HOBAS
 Model : SADDLES (SN 500, SN 630, SN1000, SN1250, SN2000, SN2500, SN4000, SN5000, SN8000, SN10000 AND SN20000)
 Rating : PN1, PN2.5, PN4, PN6, PN9, PN10, PN12, PN15, PN16, PN18, PN20, PN25 AND PN32
 Type : SERIES S1
 Size : NOMINAL SIZE (mm) : DN150, DN200, DN250, DN300, DN350, DN375, DN400, DN450, DN500, DN600, DN700, DN750, DN800, DN900, DN1000, DN1100, DN1200, DN1300, DN1400, DN1500, DN1600, DN1650, DN1700, DN1800, DN1900, DN2000, DN2100, DN2200, DN2300, DN2400, DN2500, DN2600, DN2700, DN2800, DN2900 AND DN3000

SCHEDULE

HOBAS ROHRE GMBH AUSTRIA



SIRIM



ISO/IEC 17065 : 2012
PC 05102004 CB 01

Brand : HOBAS
Model : ACCESSORIES : ADAPTORS, JOINT PIECES, END CAPS, FLANGE
ADAPTORS, INSPECTION ACCESS (SN 500, SN 630, SN1000, SN1250, SN2000,
SN2500, SN4000, SN5000, SN8000, SN10000 AND SN20000)
Rating : PN1, PN2.5, PN4, PN6, PN9, PN10, PN12, PN15, PN16, PN18, PN20, PN25 AND
PN32
Type : SERIES S1
Size : NOMINAL SIZE (mm) : DN150, DN200, DN250, DN300, DN350, DN375, DN400,
DN450, DN500, DN600, DN700, DN750, DN800, DN900, DN1000, DN1100,
DN1200, DN1300, DN1400, DN1500, DN1600, DN1650, DN1700, DN1800,
DN1900, DN2000, DN2100, DN2200, DN2300, DN2400, DN2500, DN2600,
DN2700, DN2800, DN2900 AND DN3000

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Tarikh Mula Pensijilan : 28 December 2012

Certified Since

Sah Sehingga : 28 December 2016

Valid Until

Tarikh Dikeluarkan : 30 November 2015

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Serial No

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No Lesen : **PC000462**

Licence No :

LESEN PENSIJILAN BARANGAN

Product Certification Licence



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SIRIM QAS International Sdn. Bhd. hereby grants to

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WIETERSDORF 1,
KLEIN ST. PAUL
9373, AUSTRIA**



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a licence to use the Certification Mark on

**GLASS REINFORCED THERMOSETTING PLASTICS (GRP) PIPING
SYSTEMS FOR PRESSURE AND NON PRESSURE DRAINAGE AND
SEWERAGE.**

Please refer to detail in the SCHEDULE

**sebagai mematuhi keperluan
as complying with
ISO 10467 : 2004**

Khalidah Mustafa

Khalidah Mustafa
Pengarah Urusan
Managing Director
SIRIM QAS International Sdn. Bhd.

SIRIM QAS International Sdn. Bhd.
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<http://www.malaysian-certified.my>

Tarikh Mula Pensijilan : 21 December 2012

Certified Since

Sah Sehingga : 21 December 2016

Valid Until

Tarikh Dikeluarkan : 30 November 2015

Issue Date

No Siri : 020688

Serial No

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SCHEDULE

HOBAS ROHRE GMBH AUSTRIA



Brand : HOBAS
 Model : SN500, SN630, SN1000, SN1250, SN2000, SN2500, SN4000, SN5000, SN8000, SN10000 AND SN20000
 Rating : PN1, PN2.5, PN4, PN6, PN9, PN10, PN12, PN15, PN16, PN18, PN20, PN25 AND PN32
 Type : SERIES 1
 Size : NOMINAL SIZE (mm) : DN150, DN200, DN250, DN300, DN350, DN375, DN400, DN450, DN500, DN600, DN700, DN750, DN800, DN900, DN1000, DN1100, DN1200, DN1300, DN1400, DN1500, DN1600, DN1650, DN1700, DN1800, DN1900, DN2000, DN2100, DN2200, DN2300, DN2400, DN2500, DN2600, DN2700, DN2800, DN2900 AND DN3000



Brand : HOBAS
 Model : BENDS (SN500, SN630, SN1000, SN1250, SN2000, SN2500, SN4000, SN5000, SN8000, SN10000 AND SN20000)
 Rating : PN1, PN2.5, PN4, PN6, PN9, PN10, PN12, PN15, PN16, PN18, PN20, PN25 AND PN32
 Type : SERIES 1
 Size : NOMINAL SIZE (mm) : DN150, DN200, DN250, DN300, DN350, DN375, DN400, DN450, DN500, DN600, DN700, DN750, DN800, DN900, DN1000, DN1100, DN1200, DN1300, DN1400, DN1500, DN1600, DN1650, DN1700, DN1800, DN1900, DN2000, DN2100, DN2200, DN2300, DN2400, DN2500, DN2600, DN2700, DN2800, DN2900 AND DN3000

Brand : HOBAS
 Model : REDUCERS (SN500, SN630, SN1000, SN1250, SN2000, SN2500, SN4000, SN5000, SN8000, SN10000 AND SN20000)
 Rating : PN1, PN2.5, PN4, PN6, PN9, PN10, PN12, PN15, PN16, PN18, PN20, PN25 AND PN32
 Type : SERIES 1
 Size : NOMINAL SIZE (mm) : DN150, DN200, DN250, DN300, DN350, DN375, DN400, DN450, DN500, DN600, DN700, DN750, DN800, DN900, DN1000, DN1100, DN1200, DN1300, DN1400, DN1500, DN1600, DN1650, DN1700, DN1800, DN1900, DN2000, DN2100, DN2200, DN2300, DN2400, DN2500, DN2600, DN2700, DN2800, DN2900 AND DN3000

SCHEDULE

HOBAS ROHRE GMBH AUSTRIA



Brand : HOBAS
 Model : COUPLERS (SN500, SN630, SN1000, SN1250, SN2000, SN2500, SN4000, SN5000, SN8000, SN10000 AND SN20000)
 Rating : PN1, PN2.5, PN4, PN6, PN9, PN10, PN12, PN15, PN16, PN18, PN20, PN25 AND PN32
 Type : SERIES 1
 Size : NOMINAL SIZE (mm) : DN150, DN200, DN250, DN300, DN350, DN375, DN400, DN450, DN500, DN600, DN700, DN750, DN800, DN900, DN1000, DN1100, DN1200, DN1300, DN1400, DN1500, DN1600, DN1650, DN1700, DN1800, DN1900, DN2000, DN2100, DN2200, DN2300, DN2400, DN2500, DN2600, DN2700, DN2800, DN2900 AND DN3000



Brand : HOBAS
 Model : BRANCHES (SN500, SN630, SN1000, SN1250, SN2000, SN2500, SN4000, SN5000, SN8000, SN10000 AND SN20000)
 Rating : PN1, PN2.5, PN4, PN6, PN9, PN10, PN12, PN15, PN16, PN18, PN20, PN25 AND PN32
 Type : SERIES 1
 Size : NOMINAL SIZE (mm) : DN150, DN200, DN250, DN300, DN350, DN375, DN400, DN450, DN500, DN600, DN700, DN750, DN800, DN900, DN1000, DN1100, DN1200, DN1300, DN1400, DN1500, DN1600, DN1650, DN1700, DN1800, DN1900, DN2000, DN2100, DN2200, DN2300, DN2400, DN2500, DN2600, DN2700, DN2800, DN2900 AND DN3000

Brand : HOBAS
 Model : SADDLES (SN500, SN630, SN1000, SN1250, SN2000, SN2500, SN4000, SN5000, SN8000, SN10000 AND SN20000)
 Rating : PN1, PN2.5, PN4, PN6, PN9, PN10, PN12, PN15, PN16, PN18, PN20, PN25 AND PN32
 Type : SERIES 1
 Size : NOMINAL SIZE (mm) : DN150, DN200, DN250, DN300, DN350, DN375, DN400, DN450, DN500, DN600, DN700, DN750, DN800, DN900, DN1000, DN1100, DN1200, DN1300, DN1400, DN1500, DN1600, DN1650, DN1700, DN1800, DN1900, DN2000, DN2100, DN2200, DN2300, DN2400, DN2500, DN2600, DN2700, DN2800, DN2900 AND DN3000

SCHEDULE

HOBAS ROHRE GMBH AUSTRIA



SIRIM



ISO/IEC 17065 : 2012
PC 05102004 CB 01

Brand : HOBAS
Model : ACCESSORIES : ADAPTORS, JOINTS PIECES, END CAPS, FLANGES
ADAPTOR AND INSPECTION ACCESS (SN500, SN630, SN1000, SN1250,
SN2000, SN2500, SN4000, SN5000, SN8000, SN10000 AND SN20000
Rating : PN1, PN2.5, PN4, PN6, PN9, PN10, PN12, PN15, PN16, PN18, PN20, PN25 AND
PN32
Type : SERIES 1
Size : NOMINAL SIZE (mm) : DN150, DN200, DN250, DN300, DN350, DN375, DN400,
DN450, DN500, DN600, DN700, DN750, DN800, DN900, DN1000, DN1100,
DN1200, DN1300, DN1400, DN1500, DN1600, DN1650, DN1700, DN1800,
DN1900, DN2000, DN2100, DN2200, DN2300, DN2400, DN2500, DN2600,
DN2700, DN2800, DN2900 AND DN3000

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SIRIM QAS International Sdn. Bhd.
(No. Syarikat 410334-X)
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<http://www.sirim.my>
<http://www.malaysian-certified.my>

Tarikh Mula Pensijilan : 21 December 2012

Certified Since

Sah Sehingga : 21 December 2016

Valid Until

Tarikh Dikeluarkan : 30 November 2015

Issue Date

No Siri : 020688

Serial No

Lesen Ini dianugerahkan tertakluk kepada syarat-syarat Perjanjian Pensijilan Barangan SIRIM QAS International Sdn. Bhd.
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No Lesen : PC000472
Licence No :

LESEN PENSIJILAN BARANGAN

Product Certification Licence



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SIRIM QAS International Sdn. Bhd. hereby grants to

HOBAS ROHRE GMBH AUSTRIA
WIETERSDORF 1,
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9373, AUSTRIA

Lesen untuk menggunakan Tanda Pensijilan di atas barangan
a licence to use the Certification Mark on

**GLASS REINFORCED THERMOSETTING PLASTICS(GRP) PIPING
SYSTEMS FOR PRESSURE AND NON PRESSURE WATER SUPPLY,
IRRIGATION, DRAINAGE OR SEWERAGE(JOINTS USING JACKING
TECHNIQUES)**

Please refer to detail in the SCHEDULE

sebagai mematuhi keperluan
as complying with
ISO 25780 : 2011



1 Khalidah Mustafa

Khalidah Mustafa
Pengarah Urusan
Managing Director
SIRIM QAS International Sdn. Bhd.

SIRIM QAS International Sdn. Bhd.
(No. Syarikat 410334-X)
1, Persiaran Dato' Menteri
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Faks : 60-3-55446466

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<http://www.malaysian-certified.my>

Tarikh Mula Pensijilan : 28 December 2012
Certified Since
Sah Sehingga : 28 December 2016
Valid Until

Tarikh Dikeluarkan : 30 November 2015
Issue Date
No Siri : 020687
Serial No

Lesen ini dianugerahkan tertakluk kepada syarat-syarat Perjanjian Pensijilan Barangan SIRIM QAS International Sdn. Bhd.
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SCHEDULE

HOBAS ROHRE GMBH AUSTRIA



SIRIM

Brand : HOBAS
Model : SN 20 000 TO SN 1000 000
Rating : PN1, PN2.5, PN4, PN6, PN9, PN10, PN12, PN15, PN16, PN18, PN20, PN25 AND PN32
Type : SERIES S1
Size : NOMINAL SIZE (mm) : DN150, DN200, DN250, DN300, DN350, DN375, DN400, DN450, DN500, DN600, DN700, DN750, DN800, DN900, DN1000, DN1100, DN1200, DN1300, DN1400, DN1500, DN1600, DN1650, DN1700, DN1800, DN1900, DN2000, DN2100, DN2200, DN2300 AND DN2400

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