



SIRIM QAS INTERNATIONAL SDN. BHD.

(No. Syarikat 199601037981(410334-X))

1, Persiaran Dato' Menteri, Seksyen 2, Peti Surat 7035, 40700 Shah Alam, Selangor Darul Ehsan, Malaysia
Tel : 603-5544 6400 Emel : cserviceqas@sirim.my www.sirim-qas.com.my

File No : P5-012110
Licence No : PC003465

Date : 11/08/2023

NORWARDS INDUSTRIES SDN. BHD.
LOT 5191, JALAN BALAKONG
BATU 13, TAMAN BALAKONG JAYA
43300 BALAKONG
SELANGOR, MALAYSIA

Attn : MR. MELVIN WONG

Tel No : 603-89626626

Fax No : 603-89626616

Dear Sir/Madam,

Product Certification Licence

Product : DUCTILE IRON FITTINGS FOR WATER SUPPLY
Standard : MS 1919 : 2013

With regards to your request for new/renewal/changes of licence(s) under the SIRIM Product Certification Licence scheme, enclosed please find the copy of the licence(s) and the certification report(s) for your safe keeping.

For enquiry, please contact

Officer Name : MOHAMAD NURHIDAYAT BIN RAHMAT
Contact No : 603-55445989
Email : nhidayat@sirim.my

Thank you.

This is a computer generated document. No signature is required.

LESEN PENSIJILAN BARANGAN

Product Certification Licence



SIRIM

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

NORWARDS INDUSTRIES SDN. BHD.
LOT 5191, JALAN BALAKONG
BATU 13, TAMAN BALAKONG JAYA
43300 BALAKONG
SELANGOR, MALAYSIA



ACB 001

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

DUCTILE IRON FITTINGS FOR WATER SUPPLY

Please refer to detail in the SCHEDULE



sebagai mematuhi keperluan
as complying with

MS 1919 : 2013



Nur Fadhilah binti Muhammad
Ketua Pegawai Eksekutif
Chief Executive Officer
SIRIM QAS International Sdn. Bhd.



SIRIM QAS International Sdn. Bhd.
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<https://www.malaysiancertified.com.my>

Tarikh Mula Pensijilan : 09 February 2018

Certified Since

Sah Sehingga : 31 December 2023

Valid Until

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This Licence is granted subject to the provisions of the Product Certification Agreement of SIRIM QAS International Sdn. Bhd.

Tarikh Dikeluarkan : 11 August 2023

Issue Date

No Siri : 087772

Serial No

SCHEDULE

NORWARDS INDUSTRIES SDN. BHD.



SIRIM

Trade Mark : NORWARDS
Model : ALL SOCKET TEE
Rating : PRESSURE RATING : PN25
Type : INTERNAL LINING : FUSION BONDED EPOXY OR CEMENT MORTAR (>50MPa)
EXTERNAL COATING: BITUMEN SERIES: A
Size : NOMINAL DIAMETER (mm): 40x40, 50x50, 60x60, 65x65, 80x40, 80x80, 100x40, 100x60, 100x80, 100x100, 125x40, 125x80, 125x100, 125x125, 150x40, 150x80, 150x100, 150x150, 200x40, 200x80, 200x100, 200x150, 200x200, 250x80, 250x100, 250x150, 250x200, 250x250, 300x100, 300x150, 300x200, 300x250 AND 300x300



ACB 001

Trade Mark : NORWARDS
Model : DOUBLE SOCKET TEE WITH FLANGED BRANCH
Rating : PRESSURE RATING : PN25
Type : INTERNAL LINING : FUSION BONDED EPOXY OR CEMENT MORTAR (>50MPa)
EXTERNAL COATING: BITUMEN SERIES: A
Size : NOMINAL DIAMETER (mm): 40x40, 50x50, 60x40, 60x60, 65x40, 65x65, 80x40, 80x60, 80x80, 100x40, 100x60, 100x80, 100x100, 125x40, 125x60, 125x80, 125x100, 125x125, 150x40, 150x60, 150x80, 150x100, 150x125, 150x150, 200x40, 200x60, 200x80, 200x100, 200x125, 200x150, 200x200, 250x60, 250x80, 250x100, 250x150, 250x200, 250x250, 300x60, 300x80, 300x100, 300x150, 300x200, 300x250 AND 300x300



Trade Mark : NORWARDS
Model : DOUBLE SOCKET TEE WITH FLANGED BRANCH
Rating : PRESSURE RATING : PN16
Type : INTERNAL LINING : FUSION BONDED EPOXY OR CEMENT MORTAR (>50MPa)
EXTERNAL COATING: BITUMEN SERIES: A
Size : NOMINAL DIAMETER (mm): 350x60, 350x80, 350x100, 350x150, 350x200, 350x250, 350x350, 400x80, 400x100, 400x150, 400x200, 400x250, 400x300, 400x400, 450x100, 450x150, 450x200, 450x250, 450x300, 450x400, 450x450, 500x100, 500x200, 500x400, 500x500, 600x200, 600x400 AND 600x600

Trade Mark : NORWARDS
Model : DOUBLE SOCKET TEE WITH FLANGED BRANCH
Rating : PRESSURE RATING : PN10
Type : INTERNAL LINING : FUSION BONDED EPOXY OR CEMENT MORTAR (>50MPa)
EXTERNAL COATING: BITUMEN SERIES: A
Size : NOMINAL DIAMETER (mm): 700x200, 700x400, 700x700, 800x200, 800x400, 800x600, 800x800, 900x200, 900x400, 900x600, 900x900, 1000x200, 1000x400, 1000x600, 1000x1000, 1100x400, 1100x600, 1200x600, 1200x800, 1200x1000, 1400x600, 1400x800, 1400x1000, 1500x600, 1500x1000, 1600x600, 1600x800, 1600x1000, 1600x1200, 1800x600, 1800x800, 1800x1000, 1800x1200, 2000x600, 2000x1000 AND 2000x1400

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SCHEDULE

NORWARDS INDUSTRIES SDN. BHD.



Trade Mark : NORWARDS
Model : DOUBLE SOCKET TAPPER
Rating : PRESSURE RATING : PN25
Type : INTERNAL LINING : FUSION BONDED EPOXY OR CEMENT MORTAR (>50MPa)
EXTERNAL COATING: BITUMEN SERIES: A
Size : NOMINAL DIAMETER (mm): 50x40, 60x50, 65x50, 80x40, 80x60, 80x65, 100x60, 100x80, 125x60, 125x80, 125x100, 150x80, 150x100, 150x125, 200x100, 200x125, 200x150, 250x125, 250x150, 250x200, 300x150, 300x200 AND 300x250



Trade Mark : NORWARDS
Model : DOUBLE SOCKET TAPPER
Rating : PRESSURE RATING : PN16
Type : INTERNAL LINING : FUSION BONDED EPOXY OR CEMENT MORTAR (>50MPa)
EXTERNAL COATING: BITUMEN SERIES: A
Size : NOMINAL DIAMETER (mm): 350x200, 350x250, 350x300, 400x250, 400x300, 400x350, 450x350, 450x400, 500x350, 500x400, 600x400 AND 600x500



Trade Mark : NORWARDS
Model : DOUBLE SOCKET TAPPER
Rating : PRESSURE RATING : PN10
Type : INTERNAL LINING : FUSION BONDED EPOXY OR CEMENT MORTAR (>50MPa)
EXTERNAL COATING: BITUMEN SERIES: A
Size : NOMINAL DIAMETER (mm): 700x500, 700x600, 800x600, 800x700, 900x700, 900x800, 1000x800, 1000x900, 1100x1000, 1200x1000, 1400x1200, 1500x1400, 1600x1400, 1800x1600 AND 2000x1800

Trade Mark : NORWARDS
Model : ALL FLANGED TEE
Rating : PRESSURE RATING : PN25
Type : INTERNAL LINING : FUSION BONDED EPOXY OR CEMENT MORTAR (>50MPa)
EXTERNAL COATING: BITUMEN SERIES: A
Size : NOMINAL DIAMETER (mm): 40x40, 50x50, 60x40, 60x60, 65x65, 80x40, 80x60, 80x80, 100x40, 100x60, 100x80, 100x100, 125x40, 125x60, 125x80, 125x100, 125x125, 150x40, 150x60, 150x80, 150x100, 150x125, 150x150, 200x40, 200x60, 200x80, 200x100, 200x125, 200x150, 200x200, 250x60, 250x80, 250x100, 250x150, 250x200, 250x250, 300x60, 300x80, 300x100, 300x150, 300x200, 300x250 AND 300x300

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NORWARDS INDUSTRIES SDN. BHD.



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Trade Mark : NORWARDS
Model : ALL FLANGED TEE
Rating : PRESSURE RATING : PN16
Type : INTERNAL LINING : FUSION BONDED EPOXY OR CEMENT MORTAR (>50MPa)
EXTERNAL COATING: BITUMEN SERIES: A
Size : NOMINAL DIAMETER (mm): 350x60, 350x80, 350x100, 350x150, 350x200, 350x250, 350x350, 400x80, 400x100, 400x150, 400x200, 400x250, 400x300, 400x400, 450x100, 450x150, 450x200, 450x250, 450x300, 450x400, 450x450, 500x100, 500x200, 500x400, 500x500, 600x200, 600x400 AND 600x600

Trade Mark : NORWARDS
Model : ALL FLANGED TEE
Rating : PRESSURE RATING : PN10
Type : INTERNAL LINING : FUSION BONDED EPOXY OR CEMENT MORTAR (>50MPa)
EXTERNAL COATING: BITUMEN SERIES: A
Size : NOMINAL DIAMETER (mm): 700x200, 700x400, 700x700, 800x200, 800x400, 800x600, 800x800, 900x200, 900x400, 900x600, 900x900, 1000x200, 1000x400, 1000x600, 1000x1000, 1100x400, 1100x600, 1200x600, 1200x800, 1200x1000, 1400x600, 1400x800, 1400x1000, 1500x600, 1500x1000, 1600x600, 1600x800, 1600x1000, 1600x1200, 1800x600, 1800x800, 1800x1000, 1800x1200, 2000x600, 2000x1000 AND 2000x1400

Trade Mark : NORWARDS
Model : FLANGED SOCKET, FLANGED SPIGOT, COLLAR, DOUBLE SOCKET 90° BEND, DOUBLE SOCKET 45° BEND, DOUBLE SOCKET 22.5° BEND, DOUBLE SOCKET 11.25° BEND, DOUBLE FLANGED 90° BEND, 90° DUCKFOOT BEND, DOUBLE FLANGED 45° BEND, DOUBLE FLANGED 22.5° BEND, DOUBLE FLANGED 11.25° BEND
Rating : PRESSURE RATING : PN25
Type : INTERNAL LINING : FUSION BONDED EPOXY OR CEMENT MORTAR (>50MPa)
EXTERNAL COATING: BITUMEN SERIES: A
Size : NOMINAL DIAMETER (mm): 40, 50, 60, 65, 80, 100, 125, 150, 200, 250 AND 300

Trade Mark : NORWARDS
Model : FLANGED SOCKET, FLANGED SPIGOT, COLLAR, DOUBLE SOCKET 90° BEND, DOUBLE SOCKET 45° BEND, DOUBLE SOCKET 22.5° BEND, DOUBLE SOCKET 11.25° BEND, DOUBLE FLANGED 90° BEND, 90° DUCKFOOT BEND, DOUBLE FLANGED 45° BEND, DOUBLE FLANGED 22.5° BEND AND DOUBLE FLANGED 11.25° BEND.
Rating : PRESSURE RATING : PN16
Type : INTERNAL LINING : FUSION BONDED EPOXY OR CEMENT MORTAR (>50MPa)
EXTERNAL COATING: BITUMEN SERIES: A
Size : NOMINAL DIAMETER (mm): 350, 400, 450, 500 AND 600

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Trade Mark : NORWARDS
Model : FLANGED SOCKET, FLANGED SPIGOT, COLLAR, DOUBLE SOCKET 90° BEND, DOUBLE SOCKET 45° BEND, DOUBLE SOCKET 22.5° BEND, DOUBLE SOCKET 11.25° BEND, DOUBLE FLANGED 45° BEND, DOUBLE FLANGED 90° BEND, 90° DUCKFOOT BEND

Rating : PRESSURE RATING : PN10
Type : INTERNAL LINING : FUSION BONDED EPOXY OR CEMENT MORTAR (>50MPa)
EXTERNAL COATING: BITUMEN SERIES: A

Size : NOMINAL DIAMETER (mm): 700, 800, 900, 1000, 1100, 1200, 1400, 1500, 1600, 1800 AND 2000



Trade Mark : NORWARDS
Model : DOUBLE FLANGED TAPPER

Rating : PRESSURE RATING : PN25
Type : INTERNAL LINING : FUSION BONDED EPOXY OR CEMENT MORTAR (>50MPa)
EXTERNAL COATING: BITUMEN SERIES: A

Size : NOMINAL DIAMETER (mm): 50x40, 60x50, 65x50, 80x60, 80x65, 100x80, 125x100, 150x125, 200x150, 250x200, AND 300x250



Trade Mark : NORWARDS
Model : DOUBLE FLANGED TAPPER
Rating : PRESSURE RATING : PN16
Type : INTERNAL LINING : FUSION BONDED EPOXY OR CEMENT MORTAR (>50MPa)
EXTERNAL COATING: BITUMEN SERIES: A
Size : NOMINAL DIAMETER (mm): 350x300, 400x300, 400x350, 450x400, 500x400 AND 600x500

Trade Mark : NORWARDS
Model : DOUBLE FLANGED TAPPER
Rating : PRESSURE RATING : PN10
Type : INTERNAL LINING : FUSION BONDED EPOXY OR CEMENT MORTAR (>50MPa)
EXTERNAL COATING: BITUMEN SERIES: A
Size : NOMINAL DIAMETER (mm): 700x600, 800x700, 900x800, 1000x900, 1100x1000, 1200x1000, 1400x1200, 1500x1400, 1600x1400, 1800x1600 AND 2000x1800

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SCHEDULE

NORWARDS INDUSTRIES SDN. BHD.



Trade Mark : NORWARDS
Model : BLANK FLANGED
Rating : PRESSURE RATING : PN10 AND PN16
Type : INTERNAL LINING : FUSION BONDED EPOXY OR CEMENT MORTAR (>50MPa)
EXTERNAL COATING: BITUMEN SERIES: A
Size : NOMINAL DIAMETER (mm): 40, 50, 60, 65, 80, 100, 125, 150, 200, 250, 300, 350, 400, 450, 500, 600, 700, 800, 900, 1000, 1100, 1200, 1400, 1500, 1600, 1800 AND 2000



Trade Mark : NORWARDS
Model : BLANK FLANGED
Rating : PRESSURE RATING : PN25 AND PN40
Type : INTERNAL LINING : FUSION BONDED EPOXY OR CEMENT MORTAR (>50MPa)
EXTERNAL COATING: BITUMEN SERIES: A
Size : NOMINAL DIAMETER (mm): 40, 50, 60, 65, 80, 100, 125, 150, 200, 250, 300, 350, 400, 450, 500 AND 600



Trade Mark : NORWARDS
Model : ALL SOCKET TEE
Rating : PRESSURE RATING : PN16
Type : INTERNAL LINING : FUSION BONDED EPOXY OR CEMENT MORTAR (>50MPa)
EXTERNAL COATING: BITUMEN SERIES: A
Size : NOMINAL DIAMETER (mm): 350x80, 350x100, 350x150, 350x200, 350x250, 350x300, 350x350, 400x80, 400x100, 400x150, 400x200, 400x250, 400x300, 400x350, 400x400, 450x80, 450x100, 450x150, 450x200, 450x250, 450x300, 450x350, 450x400, 450x450, 500x80, 500x100, 500x150, 500x200, 500x250, 500x300, 500x350, 500x400, 500x450, 500x500, 600x80, 600x100, 600x150, 600x200, 600x250, 600x300, 600x350, 600x400, 600x450, 600x500, 600x600

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Trade Mark : NORWARDS
 Model : ALL SOCKET TEE
 Rating : PRESSURE RATING : PN10
 Type : INTERNAL LINING : FUSION BONDED EPOXY OR CEMENT MORTAR (>50MPa)
 EXTERNAL COATING: BITUMEN SERIES: A
 Size : NOMINAL DIAMETER (mm): 700x80, 700x100, 700x150, 700x200, 700x250, 700x300, 700x350, 700x400, 700x450, 700x500, 700x600, 700x700, 800x80, 800x100, 800x150, 800x200, 800x250, 800x300, 800x350, 800x400, 800x450, 800x500, 800x600, 800x700, 800x800, 900x80, 900x100, 900x150, 900x200, 900x250, 900x300, 900x350, 900x400, 900x450, 900x500, 900x600, 900x700, 900x800, 900x900, 1000x80, 1000x100, 1000x150, 1000x200, 1000x250, 1000x300, 1000x350, 1000x400, 1000x450, 1000x500, 1000x600, 1000x700, 1000x800, 1000x900, 1000x1000, 1100x80, 1100x100, 1100x150, 1100x200, 1100x250, 1100x300, 1100x350, 1100x400, 1100x450, 1100x500, 1100x600, 1100x700, 1100x800, 1100x900, 1100x1000, 1100x1100, 1200x80, 1200x100, 1200x150, 1200x200, 1200x250, 1200x300, 1200x350, 1200x400, 1200x450, 1200x500, 1200x600, 1200x700, 1200x800, 1200x900, 1200x1000, 1200x1100, 1200x1200, 1400x80, 1400x100, 1400x150, 1400x200, 1400x250, 1400x300, 1400x350, 1400x400, 1400x450, 1400x500, 1400x600, 1400x700, 1400x800, 1400x900, 1400x1000, 1400x1100, 1400x1200, 1400x1400, 1400x80, 1400x100, 1400x150, 1400x200, 1400x250, 1400x300, 1400x350, 1400x400, 1400x450, 1400x500, 1400x600, 1400x700, 1400x800, 1400x900, 1400x1000, 1400x1100, 1400x1200, 1400x1400, 1500x80, 1500x100, 1500x150, 1500x200, 1500x250, 1500x300, 1500x350, 1500x400, 1500x450, 1500x500, 1500x600, 1500x700, 1500x800, 1500x900, 1500x1000, 1500x1100, 1500x1200, 1500x1400, 1500x1500, 1600x200, 1600x250, 1600x300, 1600x350, 1600x400, 1600x450, 1600x500, 1600x600.



Trade Mark : NORWARDS
 Model : ALL SOCKET TEE
 Rating : PRESSURE RATING : PN10
 Type : INTERNAL LINING : FUSION BONDED EPOXY OR CEMENT MORTAR (>50MPa)
 EXTERNAL COATING: BITUMEN SERIES: A
 Size : NOMINAL DIAMETER (mm): 1600x800, 1600x1000, 1600x1200, 1600x1400, 1600x1600, 1800x200, 1800x250, 1800x300, 1800x350, 1800x400, 1800x450, 1800x500, 1800x600, 1800x800, 1800x1000, 1800x1200, 1800x1400, 1800x1600, 1800x1800, 2000x200, 2000x250, 2000x300, 2000x350, 2000x400, 2000x450, 2000x500, 2000x600, 2000x800, 2000x1000, 2000x1200, 2000x1400, 2000x1600, 2000x1800, 2000x2000

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SCHEDULE

NORWARDS INDUSTRIES SDN. BHD.

Factory Name and Location :
XINFENG PIPE FITTINGS CO., LTD.
SME PARK
XIANREND AO ENERGY & CHEMICAL INDUSTRY ZONE
115007 YINGKOU CITY
LIAONING PROVINCE, CHINA



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End of page



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Ruj. Kami : SPAN/BPAI/300-10/648/A/W-7
Tarikh : 08 Sep 2023

NORWARDS INDUSTRIES SDN BHD
LOT 5191, JALAN BALAKONG,
BATU 13, TAMAN BALAKONG JAYA,
BALAKONG
43300 KAJANG
SELANGOR DARUL EHSAN
(U/P: ENCIK CHANG SENG HAI)

Tuan,

PERAKUAN PENYENARAIAN PEMBEKAL UNTUK PRODUK-PRODUK KEGUNAAN INDUSTRI PERKHIDMATAN AIR

Perkara di atas adalah dirujuk.

2. Sukacita dimaklumkan bahawa syarikat tuan telah disenaraikan sebagai pembekal produk-produk kegunaan industri perkhidmatan air seperti berikut:

					Maklumat Sijil Barangan		
Bil	No Penyenaraian SPAN	Kegunaan	Produk	Jenama	No. Sijil	Standard	Tempoh Sah Laku
1	SPAN/BPAI/30 0-10/648/A/W- 7	Sistem Bekalan Air	FITTINGS - DUCTILE IRON (DI) FITTINGS	NORWARD S	SIRIM PC003465 Pengilang: XINFENG PIPE FITTINGS CO., LTD.	MS 1919:2013	31 Dec 2023

3. Penyenaraian adalah **tertakluk sepenuhnya mengikut skop dan tempoh sahlaku sijil barangan** yang dikemukakan kepada SPAN. Penyenaraian ini juga tertakluk kepada syarat-syarat khusus yang telah ditetapkan seperti yang dinyatakan di dalam lampiran sekiranya ada.

4. Syarikat yang memasuki penyenaraian ini adalah **bertanggungjawab** untuk **memastikan bahawa sijil barangan adalah sah (valid)** pada sepanjang penyenaraian dan **mengemaskini maklumat sijil barangan** kepada SPAN setiap kali pembaharuan sijil dibuat atau sekiranya terdapat perubahan pada skop pensijilan.

Suruhanjaya Perkhidmatan Air Negara
Ground & 1st Floor, Prima Avenue 7, Block 3510,
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5. **Kegagalan tuan untuk mematuhi keperluan (4) boleh menyebabkan syarikat tuan dikeluarkan daripada penyenaraian tanpa sebarang notis.** Produk yang telah dikeluarkan daripada senarai penyenaraian adalah tidak dibenarkan untuk diguna pakai dalam mana-mana sistem bekalan air atau pembetulan di Semenanjung Malaysia, Wilayah Persekutuan Putrajaya dan Labuan.

Sekian, terima kasih.

Yang benar,



(Mohamad Nasir bin Mahmood)
Pengarah Kanan
Bahagian Pembangunan dan Audit Industri
Suruhanjaya Perkhidmatan Air Negara (SPAN)