



No Lesen : PC001818

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

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 SEWERAGE APPLICATION

Please refer to detail in the SCHEDULE



sebagai mematuhi keperluan
as complying with

BS EN 598 : 2007 + A1 : 2009

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



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 6000
Emel : cserviceqas@sirim.my

<https://www.sirim-qas.com.my>
<https://www.malaysiancertified.com.my>

Tarikh Mula Pensijilan : 26 June 2015

Certified Since

Sah Sehingga : 31 December 2025

Valid Until

Tarikh Dikeluarkan : 29 October 2024

Issue Date

No Siri : 104197

Serial No

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

NORWARDS INDUSTRIES SDN. BHD.



Trade Mark : NORWARDS
 Model : FLANGED SOCKETS
 Rating : PN 16
 Type : FITTINGS FOR PRESSURE SEWERS
 Size : NOMINAL SIZE: DN80, DN100, DN125, DN150, DN200, DN250, DN300, DN350, DN400, DN450, DN500, DN600, DN700, DN800, DN900, DN1000, DN1100, DN1200, DN1400, DN1500, DN1600, DN1800, DN2000



Trade Mark : NORWARDS
 Model : FLANGED SPIGOTS
 Rating : PN 16
 Type : FITTINGS FOR PRESSURE SEWERS
 Size : NOMINAL SIZE: DN80, DN100, DN125, DN150, DN200, DN250, DN300, DN350, DN400, DN450, DN500, DN600, DN700, DN800, DN900, DN1000, DN1100, DN1200, DN1400, DN1500, DN1600, DN1800, DN2000



Trade Mark : NORWARDS
 Model : COLLARS
 Rating : C100 (DN80 TO DN100); C64 (DN125 TO DN200); C50 (DN250 TO DN350); C40 (DN400 TO DN600); C30 (DN700 TO DN1400); C25 (DN1500 TO DN2000);
 Type : FITTINGS FOR PRESSURE SEWERS
 Size : NOMINAL SIZE: DN80, DN100, DN125, DN150, DN200, DN250, DN300, DN350, DN400, DN450, DN500, DN600, DN700, DN800, DN900, DN1000, DN1100, DN1200, DN1400, DN1500, DN1600, DN1800, DN2000

Trade Mark : NORWARDS
 Model : DOUBLE SOCKET 90° (1/4) BEND
 Rating : C100 (DN80 TO DN100);
 C64 (DN125 TO DN200);
 C50 (DN250 TO DN350);
 C40 (DN400 TO DN600);
 C30 (DN700 TO DN1400);
 C25 (DN1500 TO DN2000);
 Type : FITTINGS FOR PRESSURE SEWERS
 Size : NOMINAL SIZE: DN80, DN100, DN125, DN150, DN200, DN250, DN300, DN350, DN400, DN450, DN500, DN600, DN700, DN800, DN900, DN1000, DN1100, DN1200, DN1400, DN1500, DN1600, DN1800, DN2000

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SCHEDULE

NORWARDS INDUSTRIES SDN. BHD.



Trade Mark : NORWARDS
 Model : DOUBLE SOCKET 45° (1/8) BEND
 Rating : C100 (DN80 TO DN100); C64 (DN125 TO DN200); C50 (DN250 TO DN350); C40 (DN400 TO DN600); C30 (DN700 TO DN1400); C25 (DN1500 TO DN2000);
 Type : FITTINGS FOR PRESSURE SEWERS
 Size : NOMINAL SIZE: DN80, DN100, DN125, DN150, DN200, DN250, DN300, DN350, DN400, DN450, DN500, DN600, DN700, DN800, DN900, DN1000, DN1100, DN1200, DN1400, DN1500, DN1600, DN1800, DN2000



Trade Mark : NORWARDS
 Model : DOUBLE SOCKET 22° 30' (1/16) BEND
 Rating : C100 (DN80 TO DN100); C64 (DN125 TO DN200); C50 (DN250 TO DN350); C40 (DN400 TO DN600); C30 (DN700 TO DN1400); C25 (DN1500 TO DN2000);
 Type : FITTINGS FOR PRESSURE SEWERS
 Size : NOMINAL SIZE: DN80, DN100, DN125, DN150, DN200, DN250, DN300, DN350, DN400, DN450, DN500, DN600, DN700, DN800, DN900, DN1000, DN1100, DN1200, DN1400, DN1500, DN1600, DN1800, DN2000



Trade Mark : NORWARDS
 Model : DOUBLE SOCKET 11° 15' (1/32) BEND
 Rating : C100 (DN80 TO DN100); C64 (DN125 TO DN200); C50 (DN250 TO DN350); C40 (DN400 TO DN600); C30 (DN700 TO DN1400); C25 (DN1500 TO DN2000);
 Type : FITTINGS FOR PRESSURE SEWERS
 Size : NOMINAL SIZE: DN80, DN100, DN125, DN150, DN200, DN250, DN300, DN350, DN400, DN450, DN500, DN600, DN700, DN800, DN900, DN1000, DN1100, DN1200, DN1400, DN1500, DN1600, DN1800, DN2000

Trade Mark : NORWARDS
 Model : ALL SOCKET TEES
 Rating : C100 (DN80 TO DN100); C64 (DN125 TO DN200); C50 (DN250 TO DN350); C40 (DN400 TO DN600); C30 (DN700 TO DN1400); C25 (DN1500 TO DN2000);
 Type : FITTINGS FOR PRESSURE SEWERS
 Size : NOMINAL SIZE: DN80, DN100, DN125, DN150, DN200, DN250, DN300, DN350, DN400, DN450, DN500, DN600, DN700, DN800, DN900, DN1000, DN1100, DN1200, DN1400, DN1500, DN1600, DN1800, DN2000

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SCHEDULE

NORWARDS INDUSTRIES SDN. BHD.



Trade Mark : NORWARDS
 Model : DOUBLE SOCKET TEES WITH FLANGED BRANCH
 Rating : C100 (DN80 TO DN100); C64 (DN125 TO DN200); C50 (DN250 TO DN350); C40 (DN400 TO DN600); C30 (DN700 TO DN1400); C25 (DN1500 TO DN2000); PN 16
 Type : FITTINGS FOR PRESSURE SEWERS
 Size : NOMINAL SIZE: DN80, DN100, DN125, DN150, DN200, DN250, DN300, DN350, DN400, DN450, DN500, DN600, DN700, DN800, DN900, DN1000, DN1100, DN1200, DN1400, DN1500, DN1600, DN1800, DN2000



Trade Mark : NORWARDS
 Model : DOUBLE SOCKET TAPER
 Rating : C100 (DN80 TO DN100); C64 (DN125 TO DN200); C50 (DN250 TO DN350); C40 (DN400 TO DN600); C30 (DN700 TO DN1400); C25 (DN1500 TO DN2000);
 Type : FITTINGS FOR PRESSURE SEWERS
 Size : NOMINAL SIZE: DN80, DN100, DN125, DN150, DN200, DN250, DN300, DN350, DN400, DN450, DN500, DN600, DN700, DN800, DN900, DN1000, DN1100, DN1200, DN1400, DN1500, DN1600, DN1800, DN2000



Trade Mark : NORWARDS
 Model : DOUBLE FLANGED 90° (1/4) BENDS
 Rating : PN 16
 Type : FITTINGS FOR PRESSURE SEWERS
 Size : NOMINAL SIZE: DN80, DN100, DN125, DN150, DN200, DN250, DN300, DN350, DN400, DN450, DN500, DN600, DN700, DN800, DN900, DN1000, DN1100, DN1200, DN1400, DN1500, DN1600, DN1800, DN2000

Trade Mark : NORWARDS
 Model : DOUBLE FLANGED 45° (1/8) BENDS
 Rating : PN 16
 Type : FITTINGS FOR PRESSURE SEWERS
 Size : NOMINAL SIZE: DN80, DN100, DN125, DN150, DN200, DN250, DN300, DN350, DN400, DN450, DN500, DN600, DN700, DN800, DN900, DN1000, DN1100, DN1200, DN1400, DN1500, DN1600, DN1800, DN2000

Trade Mark : NORWARDS
 Model : DOUBLE FLANGED 22° 30' (1/16) BENDS
 Rating : PN 16
 Type : FITTINGS FOR PRESSURE SEWERS
 Size : NOMINAL SIZE: DN80, DN100, DN125, DN150, DN200, DN250, DN300, DN350, DN400, DN450, DN500, DN600, DN700, DN800, DN900, DN1000, DN1100, DN1200, DN1400, DN1500, DN1600, DN1800, DN2000

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SCHEDULE

NORWARDS INDUSTRIES SDN. BHD.



Trade Mark : NORWARDS
 Model : DOUBLE FLANGED 11° 15' (1/32) BENDS
 Rating : PN 16
 Type : FITTINGS FOR PRESSURE SEWERS
 Size : NOMINAL SIZE: DN80, DN100, DN125, DN150, DN200, DN250, DN300, DN350, DN400, DN450, DN500, DN600, DN700, DN800, DN900, DN1000, DN1100, DN1200, DN1400, DN1500, DN1600, DN1800, DN2000



Trade Mark : NORWARDS
 Model : DOUBLE FLANGED DUCK FOOT 90° (1/4) BENDS
 Rating : PN 16
 Type : FITTINGS FOR PRESSURE SEWERS
 Size : NOMINAL SIZE: DN80, DN100, DN125, DN150, DN200, DN250, DN300, DN350, DN400, DN450, DN500, DN600, DN700, DN800, DN900, DN1000, DN1100, DN1200, DN1400, DN1500, DN1600, DN1800, DN2000



Trade Mark : NORWARDS
 Model : ALL FLANGED TEES
 Rating : PN 16
 Type : FITTINGS FOR PRESSURE SEWERS
 Size : NOMINAL SIZE: DN80, DN100, DN125, DN150, DN200, DN250, DN300, DN350, DN400, DN450, DN500, DN600, DN700, DN800, DN900, DN1000, DN1100, DN1200, DN1400, DN1500, DN1600, DN1800, DN2000

Trade Mark : NORWARDS
 Model : DOUBLE FLANGED TAPERS
 Rating : PN 16
 Type : FITTINGS FOR PRESSURE SEWERS
 Size : NOMINAL SIZE: DN80, DN100, DN125, DN150, DN200, DN250, DN300, DN350, DN400, DN450, DN500, DN600, DN700, DN800, DN900, DN1000, DN1100, DN1200, DN1400, DN1500, DN1600, DN1800, DN2000

Trade Mark : NORWARDS
 Model : BLANK FLANGED
 Rating : PN 16
 Type : FITTINGS FOR PRESSURE SEWERS
 Size : NOMINAL SIZE: DN80, DN100, DN125, DN150, DN200, DN250, DN300, DN350, DN400, DN450, DN500, DN600, DN700, DN800, DN900, DN1000, DN1100, DN1200, DN1400, DN1500, DN1600, DN1800, DN2000

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No Lesen : PC001818

Licence No :

SCHEDULE

NORWARDS INDUSTRIES SDN. BHD.

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



SIRIM

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ACB 001



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(No. Syarikat 199601037981(410334-X))

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SURUHANJAYA PERKHIDMATAN AIR NEGARA

SIJIL PERAKUAN PENDAFTARAN PEMBEKAL

(SUPPLIER REGISTRATION CERTIFICATION)

Adalah dengan ini diperakui bahawa syarikat seperti yang tercatat di bawah telah berdaftar dengan Suruhanjaya Perkhidmatan Air Negara bagi kegunaan industri perkhidmatan air di negeri -negeri Semenanjung Malaysia serta Wilayah Persekutuan Putrajaya dan Labuan sahaja.

(This is to certify that the following company have been registered with Suruhanjaya Perkhidmatan Air Negara to be used in the water services industry in Peninsular Malaysia and Federal Territory of Putrajaya and Labuan only.)

No. Rujukan Pendaftaran (Reference of Registration No.)	:	10/2024/0664/A/S-81
Alamat Syarikat Pembekal (Name and Address of Supplier)	:	NORWARDS INDUSTRIES SDN BHD, LOT 5191, JALAN BALAKONG, TAMAN BALAKONG JAYA, 43300 SRI KEMBANGAN, SELANGOR DARUL EHSAN

MAKLUMAT PRODUK ATAU SISTEM(PARTICULARS OF PRODUCT OR SYSTEM)

Kategori (Category)	:	A - SEWAGE CONVEYANCE
Nama Produk atau Sistem (Product or System Name)	:	PIPES AND FITTINGS
Perihal Produk atau Sistem (Product or System Description)	:	Model - Siri: Rujuk perincian model dan spesifikasi di lampiran
Jenama (Brand Name)	:	NORWARDS
Piawai (Standard)	:	BS EN 598:2007 + A1:2009
Kegunaan (Application)	:	SISTEM PEMBETUNGAN
Nama dan Alamat Pembuat (Name and Address of Manufacturer)	:	XINFENG PIPE FITTINGS CO., LTD., SME PARK, XIANREND AO ENERGY & CHEMICAL INDUSTRY ZONE, 115007 YINGKOU CITY, LIAONING PROVINCE,, CHINA
Nama dan Alamat Prinsipal (Name and Address of Principal)	:	NORWARDS INDUSTRIES SDN BHD, LOT 5191, JALAN BALAKONG,, TAMAN BALAKONG JAYA,, 43300, SRI KEMBANGAN, SELANGOR DARUL EHSAN
Sah Sehingga (Valid Until)	:	14 JAN 2028

Sijil yang dikeluarkan adalah tertakluk kepada SYARAT-SYARAT AM (Bahagian A) dan SYARAT-SYARAT KHUSUS (Bahagian B).
(The Certificate issued is subject to the GENERAL CONDITIONS (Section A) and SPECIFIC CONDITIONS (Section B))

(DATO' HJ. AHMAD FAIZAL BIN ABDUL RAHMAN)
KETUA PEGAWAI EKSEKUTIF
Suruhanjaya Perkhidmatan Air Negara (SPAN)

Tarikh Dikeluarkan
(Issue Date) : 10 JAN 2025





PERAKUAN PEMATUHAN STANDARD (BAHAN BINAAN)

Dengan ini disahkan bahawa

NORWARDS INDUSTRIES SDN BHD (442356-M)

LOT 5191 JALAN BALAKONG BATU 13
TAMAN BALAKONG JAYA
43300 SERDANG SELANGOR

Telah menjalani ujian di makmal yang diiktiraf sebagaimana butiran di bawah

No. Kelulusan PPS : 2-12220006	
Nama & Alamat Kilang	
XINFENG PIPE FITTINGS CO.,LTD SME PARK, XIANREND AO ENERGY & CHEMICAL INDUSTRY ZONE, 115007 YINGKAO CITY. LIAONING PROVINCE, CHINA	
Kategori Produk	Negara Pembuat
IRON AND STEEL PRODUCTS	CHINA
No. Sijil Produk / Laporan Ujian : PC001818	
Tempoh Sah Perakuan Pematuhan Standard	06 Nov 2024 sehingga 05 Nov 2025
Jenis produk Bahan Binaan : (Rujuk Lampiran A untuk butiran terperinci)	

SR NAZIR MUHAMAD NOR
PENGURUS BESAR
BAHAGIAN PEMATUHAN KUALITI BINAAN



SIJIL INI ADALAH CETAKAN KOMPUTER DAN TIDAK MEMERLUKAN TANDATANGAN