



No Lesen : PC003333

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*

UNITED DUCTILE INDUSTRIES SDN. BHD.  
NO 42, JALAN LAYANG-LAYANG 4  
BANDAR PUCHONG JAYA  
47100 PUCHONG  
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*

**BS EN 545 : 2010**

**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 6400  
Emel : cserviceqas@sirim.my

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

**Tarikh Mula Pensijilan : 12 December 2017**

*Certified Since*

**Sah Sehingga : 12 December 2024**

*Valid Until*

Lesen ini dianugerahkan tertakluk kepada syarat-syarat Perjanjian Pensijilan Barangan SIRIM QAS International Sdn. Bhd.  
*This Licence is granted subject to the provisions of the Product Certification Agreement of SIRIM QAS International Sdn. Bhd.*

**Tarikh Dikeluarkan : 31 October 2023**

*Issue Date*

**No Siri : 091169**

*Serial No*

# SCHEDULE

**UNITED DUCTILE INDUSTRIES SDN. BHD.**



**SIRIM**

Trade Mark : UDI  
 Model : ALL SOCKET TEE  
 Rating : PRESSURE RATING : PN25  
 Type : INTERNAL LINING : FUSION BONDED EPOXY OR CEMENT MORTAR (>50MPa)  
 EXTERNAL COATING: FUSION BONDED EPOXY OR 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 : UDI  
 Model : DOUBLE SOCKET TEE WITH FLANGED BRANCH  
 Rating : PRESSURE RATING : PN25  
 Type : INTERNAL LINING : FUSION BONDED EPOXY OR CEMENT MORTAR (>50MPa)  
 EXTERNAL COATING: FUSION BONDED EPOXY OR 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 : UDI  
 Model : DOUBLE SOCKET TEE WITH FLANGED BRANCH  
 Rating : PRESSURE RATING : PN16  
 Type : INTERNAL LINING : FUSION BONDED EPOXY OR CEMENT MORTAR (>50MPa)  
 EXTERNAL COATING: FUSION BONDED EPOXY OR 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 : UDI  
 Model : DOUBLE SOCKET TEE WITH FLANGED BRANCH  
 Rating : PRESSURE RATING : PN10  
 Type : INTERNAL LINING : FUSION BONDED EPOXY OR CEMENT MORTAR (>50MPa)  
 EXTERNAL COATING: FUSION BONDED EPOXY OR 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

**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

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

**Tarikh Mula Pensijilan : 12 December 2017**

*Certified Since*

**Sah Sehingga : 12 December 2024**

*Valid Until*

**Tarikh Dikeluarkan : 31 October 2023**

*Issue Date*

**No Siri : 091169**

*Serial No*

Lesen ini dianugerahkan tertakluk kepada syarat-syarat Perjanjian Pensijilan Barangan SIRIM QAS International Sdn. Bhd.  
 This Licence is granted subject to the provisions of the Product Certification Agreement of SIRIM QAS International Sdn. Bhd.

# SCHEDULE

**UNITED DUCTILE INDUSTRIES SDN. BHD.**



Trade Mark : UDI  
 Model : DOUBLE SOCKET TAPPER  
 Rating : PRESSURE RATING : PN25  
 Type : INTERNAL LINING : FUSION BONDED EPOXY OR CEMENT MORTAR (>50MPa)  
 EXTERNAL COATING: FUSION BONDED EPOXY OR 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 : UDI  
 Model : DOUBLE SOCKET TAPPER  
 Rating : PRESSURE RATING : PN16  
 Type : INTERNAL LINING : FUSION BONDED EPOXY OR CEMENT MORTAR (>50MPa)  
 EXTERNAL COATING: FUSION BONDED EPOXY OR BITUMEN SERIES: A  
 Size : NOMINAL DIAMETER (mm): 350x200, 350x250, 350x300, 400x250, 400x300, 400x350, 450x350, 450x400, 500x350, 500x400, 600x400 AND 600x500



Trade Mark : UDI  
 Model : DOUBLE SOCKET TAPPER  
 Rating : PRESSURE RATING : PN10  
 Type : INTERNAL LINING : FUSION BONDED EPOXY OR CEMENT MORTAR (>50MPa)  
 EXTERNAL COATING: FUSION BONDED EPOXY OR 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 : UDI  
 Model : ALL FLANGED TEE  
 Rating : PRESSURE RATING : PN25  
 Type : INTERNAL LINING : FUSION BONDED EPOXY OR CEMENT MORTAR (>50MPa)  
 EXTERNAL COATING: FUSION BONDED EPOXY OR 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

**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

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

**Tarikh Mula Pensijilan : 12 December 2017**

*Certified Since*

**Sah Sehingga : 12 December 2024**

*Valid Until*

**Tarikh Dikeluarkan : 31 October 2023**

*Issue Date*

**No Siri : 091169**

*Serial No*

Lesen ini dianugerahkan tertakluk kepada syarat-syarat Perjanjian Pensijilan Barangan SIRIM QAS International Sdn. Bhd.  
 This Licence is granted subject to the provisions of the Product Certification Agreement of SIRIM QAS International Sdn. Bhd.

# SCHEDULE

**UNITED DUCTILE INDUSTRIES SDN. BHD.**



Trade Mark : UDI  
 Model : ALL FLANGED TEE  
 Rating : PRESSURE RATING : PN16  
 Type : INTERNAL LINING : FUSION BONDED EPOXY OR CEMENT MORTAR (>50MPa)  
 EXTERNAL COATING: FUSION BONDED EPOXY OR 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 : UDI  
 Model : ALL FLANGED TEE  
 Rating : PRESSURE RATING : PN10  
 Type : INTERNAL LINING : FUSION BONDED EPOXY OR CEMENT MORTAR (>50MPa)  
 EXTERNAL COATING: FUSION BONDED EPOXY OR 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 : UDI  
 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: FUSION BONDED EPOXY OR BITUMEN SERIES: A  
 Size : NOMINAL DIAMETER (mm): 40, 50, 60, 65, 80, 100, 125, 150, 200, 250 AND 300

Trade Mark : UDI  
 Model : 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: FUSION BONDED EPOXY OR BITUMEN SERIES: A  
 Size : NOMINAL DIAMETER (mm): 350 AND 400

**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

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

**Tarikh Mula Pensijilan : 12 December 2017**

*Certified Since*

**Sah Sehingga : 12 December 2024**

*Valid Until*

**Tarikh Dikeluarkan : 31 October 2023**

*Issue Date*

**No Siri : 091169**

*Serial No*

Lesen ini dianugerahkan tertakluk kepada syarat-syarat Perjanjian Pensijilan Barangan SIRIM QAS International Sdn. Bhd.  
 This Licence is granted subject to the provisions of the Product Certification Agreement of SIRIM QAS International Sdn. Bhd.

# SCHEDULE

## UNITED DUCTILE INDUSTRIES SDN. BHD.



Trade Mark : UDI  
 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  
 Rating : PRESSURE RATING : PN16  
 Type : INTERNAL LINING : FUSION BONDED EPOXY OR CEMENT MORTAR (>50MPa)  
 EXTERNAL COATING: FUSION BONDED EPOXY OR BITUMEN SERIES: A  
 Size : NOMINAL DIAMETER (mm): 350, 400, 450, 500 AND 600



Trade Mark : UDI  
 Model : DOUBLE FLANGED 90° BEND, 90° DUCKFOOT BEND  
 Rating : PRESSURE RATING : PN10  
 Type : INTERNAL LINING : FUSION BONDED EPOXY OR CEMENT MORTAR (>50MPa)  
 EXTERNAL COATING: FUSION BONDED EPOXY OR BITUMEN SERIES: A  
 Size : NOMINAL DIAMETER (mm): : 700, 800, 900 AND 1000



Trade Mark : UDI  
 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  
 Rating : PRESSURE RATING : PN10  
 Type : INTERNAL LINING : FUSION BONDED EPOXY OR CEMENT MORTAR (>50MPa)  
 EXTERNAL COATING: FUSION BONDED EPOXY OR BITUMEN SERIES: A  
 Size : NOMINAL DIAMETER (mm): 700, 800, 900, 1000, 1100, 1200, 1400, 1500, 1600, 1800 AND 2000

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

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

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

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

**Tarikh Mula Pensijilan : 12 December 2017**

*Certified Since*

**Sah Sehingga : 12 December 2024**

*Valid Until*

**Tarikh Dikeluarkan : 31 October 2023**

*Issue Date*

**No Siri : 091169**

*Serial No*

Lesen ini dianugerahkan tertakluk kepada syarat-syarat Perjanjian Pensijilan Barangan SIRIM QAS International Sdn. Bhd.  
 This Licence is granted subject to the provisions of the Product Certification Agreement of SIRIM QAS International Sdn. Bhd.



# SCHEDULE

**UNITED DUCTILE INDUSTRIES SDN. BHD.**



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



Trade Mark : UDI  
Model : BLANK FLANGED  
Rating : PRESSURE RATING : PN10 AND PN16  
Type : INTERNAL LINING : FUSION BONDED EPOXY OR CEMENT MORTAR (>50MPa)  
EXTERNAL COATING: FUSION BONDED EPOXY OR 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 : UDI  
Model : BLANK FLANGED  
Rating : PRESSURE RATING : PN25  
Type : INTERNAL LINING : FUSION BONDED EPOXY OR CEMENT MORTAR (>50MPa)  
EXTERNAL COATING: FUSION BONDED EPOXY OR BITUMEN SERIES: A  
Size : NOMINAL DIAMETER (mm): 40, 50, 60, 65, 80, 100, 125, 150, 200, 250, 300, 350,  
400, 450, 500 AND 600

**Factory Name and Location :**  
**SHANDONG JIANHUA VALVE MANUFACTURING CO.,LTD**  
**BAICHIHE INDUSTRIAL PARK**  
**ZHUCHENG**  
**SHANDONG, CHINA**

*End of page*