



No Lesen : PP087201

Licence No :

## LESEN PENSIJILAN BARANGAN

*Product Certification Licence*



SIRIM

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*SIRIM QAS International Sdn. Bhd. hereby grants to*

**PANTECH STAINLESS & ALLOY INDUSTRIES SDN.BHD.**  
**PTD 204334, JALAN PLATINUM UTAMA**  
**KAWASAN PERINDUSTRIAN PASIR GUDANG**  
**ZON 12B**  
**81700 PASIR GUDANG**  
**JOHOR, MALAYSIA**

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

**WELDED AUSTENITIC STAINLESS STEEL PIPE**

**Please refer to detail in the SCHEDULE**

sebagai mematuhi keperluan

*as complying with*

**ASTM A 312/A 312M -2014b**

**Mohd Azanuddin bin Salleh**  
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 : 19 September 2011**

*Certified Since*

**Sah Sehingga : 18 December 2018**

*Valid Until*

**Tarikh Dikeluarkan : 13 November 2017**

*Issue Date*

**No Siri : 034471**

*Serial No*

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

### PANTECH STAINLESS & ALLOY INDUSTRIES SDN.BHD.



Brand : PANTECH STAINLESS & ALLOY  
Model : GRADE = TP304, TP304L, TP316, TP316L; NOMINAL WALL THICKNESS - 10S, 40S  
Rating : NPS DESIGNATOR = 1/2, 3/4, 1.0, 1 1/4, 1 1/2, 2, 2 1/2, 3, 3 1/2, 4, 5, 6, 8, 10, 12, 14, 16

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No Lesen : PC002783

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## LESEN PENSIJILAN BARANGAN

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**KAWASAN PERINDUSTRIAN PASIR GUDANG**  
**ZON 12B**  
**81700 PASIR GUDANG**  
**JOHOR, MALAYSIA**

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**WROUGHT AUSTENITIC FOR STAINLESS STEEL FITTINGS**


Please refer to detail in the SCHEDULE

sebagai mematuhi keperluan  
*as complying with*

**ASTM A 403/A 403M : 2016**



**Mohd Azanuddin bin Salleh**  
Pengarah Urusan  
*Managing Director*  
SIRIM QAS International Sdn. Bhd.



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**Tarikh Mula Pensijilan : 07 February 2017**

*Certified Since*

**Sah Sehingga : 07 December 2018**

*Valid Until*

**Tarikh Dikeluarkan : 23 November 2017**

*Issue Date*

**No Sirl : 034643**

*Serial No*

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## SCHEDULE

### PANTECH STAINLESS & ALLOY INDUSTRIES SDN.BHD.



**SIRIM**

<b>Brand</b>	: Company ID: PANTECH STAINLESS & ALLOY INDUSTRIES SDN. BHD.
<b>Model</b>	: REDUCING TEE
<b>Rating</b>	: GRADE = WP304/ WP304L, WP316/ WP316L; FITTING CLASS = WX;
<b>Size</b>	: NPS DESIGNATOR, INCH = 1 x 1/2, 1 x 3/4, 1.25 x 1/2, 1.25 x 3/4, 1.25 x 1, 1.5 x 1/2, 1.5 x 3/4, 1.5 x 1, 1.5 x 1.25, 2 x 1/2, 2 x 3/4, 2 x 1, 2 x 1.25, 2 x 1.5, 2.5 x 1, 2.5 x 1.25, 2.5 x 1.5, 2.5 x 2, 3 x 1, 3 x 1.25, 3 x 1.5, 3 x 2, 3 x 2.5, 3.5 x 1.25, 3.5 x 1.5, 3.5 x 2, 3.5 x 2.5, 3.5 x 3, 4 x 1.5, 4 x 2, 4 x 2.5, 4 x 3, 4 x 3.5, 5 x 2, 5 x 2.5, 5 x 3, 5 x 4, 6 x 2, 6 x 2.5, 6 x 3, 6 x 3.5, 6 x 4, 6 x 5, 8 x 3, 8 x 3.5, 8 x 4, 8 x 5, 8 x 6, 10 x 4, 10 x 5, 10 x 6, 10 x 8, 12 x 5, and 12 x 8.
<b>Model</b>	: EQUAL TEE
<b>Rating</b>	: GRADE = WP304/ WP304L, WP316/ WP316L; FITTING CLASS = WX;
<b>Size</b>	: NPS DESIGNATOR, INCH = 1/2, 3/4, 1.0, 1 1/4, 1 1/2, 2, 2 1/2, 3, 3 1/2, 4, 5, 6, 8, 10 and 12.
<b>Model</b>	: SHORT RADIUS 90°
<b>Rating</b>	: GRADE = WP304/ WP304L, WP316/ WP316L; FITTING CLASS = WX;
<b>Size</b>	: NPS DESIGNATOR, INCH = 1, 1 1/4, 1 1/2, 2, 2 1/2, 3, 3 1/2, 4, 5, 6, 8, 10 and 12.
<b>Model</b>	: LONG RADIUS 90°
<b>Rating</b>	: GRADE = WP304/ WP304L, WP316/ WP316L; FITTING CLASS = WX;
<b>Size</b>	: NPS DESIGNATOR, INCH = 1/2, 3/4, 1.0, 1 1/4, 1 1/2, 2, 2 1/2, 3, 3 1/2, 4, 5, 6, 8, 10 and 12.
<b>Model</b>	: LONG RADIUS 45°
<b>Rating</b>	: GRADE = WP304/ WP304L, WP316/ WP316L; FITTING CLASS = WX;
<b>Size</b>	: NPS DESIGNATOR, INCH = 2, 2 1/2, 3, 3 1/2, 4, 5, 6, 8, 10 and 12.
<b>Model</b>	: CAP
<b>Rating</b>	: GRADE = WP304/ WP304L, WP316/ WP316L; FITTING CLASS = S;
<b>Size</b>	: NPS DESIGNATOR, INCH = 2, 2 1/2, 3, 3 1/2, 4, 5, 6, 8, 10 and 12.
<b>Model</b>	: STUB ENDS
<b>Rating</b>	: GRADE = WP304/ WP304L, WP316/ WP316L; FITTING CLASS = WX;
<b>Size</b>	: NPS DESIGNATOR, INCH = 2, 2 1/2, 3, 3 1/2, 4, 5, 6 and 8.

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**Tarikh Mula Pensijilan** : 07 February 2017

*Certified Since*

**Sah Sehingga** : 07 December 2018

*Valid Until*

**Tarikh Dikeluarkan** : 23 November 2017

*Issue Date*

**No Siri** : 034643

*Serial No*

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## SCHEDULE

### PANTECH STAINLESS & ALLOY INDUSTRIES SDN.BHD.



Model : CONCENTRIC REDUCER  
 Rating : GRADE = WP304/ WP304L;  
 FITTING CLASS = WX;  
 Size : NPS DESIGNATOR, INCH = 1 x 1/2, 1 x 3/4, 1.25 x 1/2, 1.25 x 3/4, 1.25 x 1, 1.5 x 1/2, 1.5 x 3/4, 1.5 x 1, 1.5 x 1.25, 2 x 1/2, 2 x 3/4, 2 x 1, 2 x 1.25, 2 x 1.5, 2.5 x 1, 2.5 x 1.25, 2.5 x 1.5, 2.5 x 2, 3 x 1, 3 x 1.25, 3 x 1.5, 3 x 2, 3 x 2.5, 3.5 x 1.25, 3.5 x 1.5, 3.5 x 2, 3.5 x 2.5, 3.5 x 3, 4 x 1.5, 4 x 2, 4 x 2.5, 4 x 3, 4 x 3.5, 5 x 2, 5 x 2.5, 5 x 3, 5 x 4, 6 x 2, 6 x 2.5, 6 x 3, 6 x 3.5, 6 x 4, 6 x 5, 8 x 3, 8 x 3.5, 8 x 4, 8 x 5, 8 x 6, 10 x 4, 10 x 5, 10 x 6, 10 x 8, 12 x 5 and 12 x 6.

Model : CONCENTRIC REDUCER  
 Rating : GRADE = WP316/ WP316L;  
 FITTING CLASS = WX;  
 Size : NPS DESIGNATOR, INCH = 1.5 x 1, 1.5 x 1.25, 2 x 1/2, 2 x 3/4, 2 x 1, 2 x 1.25, 2 x 1.5, 2.5 x 1, 2.5 x 1.25, 2.5 x 1.5, 2.5 x 2, 3 x 1, 3 x 1.25, 3 x 1.5, 3 x 2, 3 x 2.5, 3.5 x 1.25, 3.5 x 1.5, 3.5 x 2, 3.5 x 2.5, 3.5 x 3, 4 x 1.5, 4 x 2, 4 x 2.5, 4 x 3, 4 x 3.5, 5 x 2, 5 x 2.5, 5 x 3, 5 x 4, 6 x 2, 6 x 2.5, 6 x 3, 6 x 3.5, 6 x 4, 6 x 5, 8 x 3, 8 x 3.5, 8 x 4, 8 x 5, 8 x 6, 10 x 4, 10 x 5, 10 x 6, 10 x 8, 12 x 5, 12 x 6 and 12 x 8.

Model : ECCENTRIC REDUCER  
 Rating : GRADE = WP304/ WP304L;  
 FITTING CLASS = WX;  
 Size : NPS DESIGNATOR, INCH = 2.5 x 1.5, 2.5 x 2, 3 x 1, 3 x 1.25, 3 x 1.5, 3 x 2, 3 x 2.5, 3.5 x 1.25, 3.5 x 1.5, 3.5 x 2, 3.5 x 2.5, 3.5 x 3, 4 x 1.5, 4 x 2, 4 x 2.5, 4 x 3, 4 x 3.5, 5 x 2, 5 x 2.5, 5 x 3, 5 x 4, 6 x 2, 6 x 2.5, 6 x 3, 6 x 3.5, 6 x 4, 6 x 5, 8 x 3, 8 x 3.5, 8 x 4, 8 x 5, 8 x 6, 10 x 4, 10 x 5, 10 x 6, 10 x 8, 12 x 5, 12 x 6, 12 x 8 and 12 x 10.

Model : ECCENTRIC REDUCER  
 Rating : GRADE = WP316/ WP316L;  
 FITTING CLASS = WX;  
 Size : NPS DESIGNATOR, INCH = 1.5 x 1, 1.5 x 1.25, 2 x 1/2, 2 x 3/4, 2 x 1, 2 x 1.25, 2 x 1.5, 2.5 x 1, 2.5 x 1.25, 2.5 x 1.5, 2.5 x 2, 3 x 1, 3 x 1.25, 3 x 1.5, 3 x 2, 3 x 2.5, 3.5 x 1.25, 3.5 x 1.5, 3.5 x 2, 3.5 x 2.5, 3.5 x 3, 4 x 1.5, 4 x 2, 4 x 2.5, 4 x 3, 4 x 3.5, 5 x 2, 5 x 2.5, 5 x 3, 5 x 4, 6 x 2, 6 x 2.5, 6 x 3, 6 x 3.5, 6 x 4, 6 x 5, 8 x 3, 8 x 3.5, 8 x 4, 8 x 5, 8 x 6, 10 x 4, 10 x 5, 10 x 6, 10 x 8, 12 x 5, 12 x 6, 12 x 8 and 12 x 10.

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