



**State Water Authority**  
**Certificate of Approval for Water Supply Product**

The State Water Authority of Sarawak hereby gives approval for this water supply product to be used in the Water Supply Authority areas within Sarawak, under the powers vested in Part III Regulation 9 of the Water Supply Regulations 1995:

<p>Name of Water Supply Product: <b>FITTINGS (STAINLESS STEEL (SS) FITTINGS- WELDED FITTINGS)</b></p> <p>Type: <b>Fitting</b></p> <p>Brand: <b>Pantech Stainless &amp; Alloy Industries Sdn Bhd</b></p> <p>Standard: <b>MS1842:2010</b></p> <p>Class &amp; Size: <b>See schedule on the reverse page</b></p> <p>Validity Period: <u>12/12/2023</u> to <u>06/12/2024</u></p> <p>Date of Issue: <b>12/12/2023</b></p>	<p>Name &amp; Address of Certificate Holder: <b>PANTECH STAINLESS &amp; ALLOY INDUSTRIES SDN BHD</b> <b>PTD204334, JALAN PLATINUM UTAMA, KAWASAN PERINDUSTRIAN PASIR GUDANG, ZON 12B, PASIR GUDANG 81700, JOHOR</b></p> <p>Nature of Business Entity of Certificate: <b>Manufacturer</b></p> <p>Name &amp; Address of Manufacturer: <b>PANTECH STAINLESS &amp; ALLOY INDUSTRIES SDN BHD</b> <b>PTD204334, JALAN PLATINUM UTAMA, KAWASAN PERINDUSTRIAN PASIR GUDANG, ZON 12B, PASIR GUDANG, 81700, JOHOR</b></p> <p>Name &amp; Address of Principal: <b>PANTECH STAINLESS &amp; ALLOY INDUSTRIES SDN BHD</b> <b>PTD204334, JALAN PLATINUM UTAMA, KAWASAN PERINDUSTRIAN PASIR GUDANG, ZON 12B, PASIR GUDANG, 81700, JOHOR</b></p>
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This approval is given subject to the following:

- i. The State Water Authority of Sarawak reverses the right to withdraw this approval at anytime and shall not be obliged to give any reason whatsoever.
- ii. The specifications for the water supply products shall not differ from that originally submitted in the application for approval.
- iii. There should not be any unsuitability in the use of this product.
- iv. This certificate of approval shall not be used for any advertisement purpose. However, a copy can be used as evidence of approval only.
- v. This certificate of approval shall become invalid upon expiry of SPAN Product Certificate Registration or SIRIM Licence or IKRAM Bhd Certification or other internationally recognized certification of the product, whichever is earlier.



Schedule

**COMPANY NAME:** PANTECH STAINLESS & ALLOY INDUSTRIES SDN BHD

**PRODUCT:** FITTINGS (STAINLESS STEEL (SS) FITTINGS- WELDED FITTINGS)

**VALIDITY PERIOD:** 12/12/2023 - 06/12/2024

**CERTIFICATE NUMBER:** SWA/F/0524

Model	Series	Description
CAP	GRADE =WP 304/304L  WP316/3 16L	NPS DESIGNATOR INCH =2, 2 1/2, 3, 3 1/2, 4, 5, 6, 8, 10, AND 12
CONCENTRIC REDUCER	GRADE =WP 304/304L  WP316/3 16L	NPS DESIGNATOR, INCH = 1.5X1, 1.5X1.25, 2X1/2, 2X3/4, 2X1, 2X1.25, 2X1.5, 2.5X1, 2.5X1.25, 2.5X1.5, 2.5X2, 3X1, 3X1.25, 3X1.5, 3X2, 3X2.5, 3.5X1.25, 3.5X1.5, 3.5X2, 3.5X2.5, 3.5X3, 4X1.5, 4X2, 4X2.5, 4X3, 4X3.5, 5X2, 5X2.5, 5X3, 5X4, 6X2, 6X2.5, 6X3, 6X3.5, 6X4, 6X5, 8X3, 8X3.5, 8X4, 8X5, 8X6, 10X4, 10X5, 10X6,10X8, 12X5, 12X6 AND 12X8
CONCENTRIC REDUCER	GRADE =WP 304/304L  WP316/3 16L	NPS DESIGNATOR, INCH = 1X1/2, 1X3/4, 1.25X1/2, 1.25X 3/4, 1.25X1, 1.5X1/2, 1.5X3/4, 1.5X1, 1.5X1.25, 2X1/2, 2X3/4, 2X1, 2X1.25, 2X1.5, 2.5X1, 2.5X1.25, 2.5X1.5, 2.5X2, 3X1, 3X1.25, 3X1.5, 3X2, 3X2.5, 3.5X1.25, 3.5X1.5, 3.5X2, 3.5X2.5, 3.5X3, 4X1.5, 4X2, 4X2.5, 4X3, 4X3.5, 5X2, 5X2.5, 5X3, 5X4, 6X2, 6X2.5, 6X3, 6X3.5, 6X4, 6X5, 8X3, 8X3.5, 8X4, 8X5, 8X6, 10X4, 10X5, 10X6,10X8, 12X5, 12X6
ECCENTRIC REDUCER	GRADE =WP 304/304L  WP316/3 16L	NPS DESIGNATOR, INCH = 1.5X1, 1.5X1.25, 2X1/2, 2X3/4, 2X1, 2X1.25, 2X1.5, 2.5X1, 2.5X1.25, 2.5X1.5, 2.5X2, 3X1, 3X1.25, 3X1.5, 3X2, 3X2.5, 3.5X1.25, 3.5X1.5, 3.5X2, 3.5X2.5, 3.5X3, 4X1.5, 4X2, 4X2.5, 4X3, 4X3.5, 5X2, 5X2.5, 5X3, 5X4, 6X2, 6X2.5, 6X3, 6X3.5, 6X4, 6X5, 8X3, 8X3.5, 8X4, 8X5, 8X6, 10X4, 10X5, 10X6,10X8, 12X5, 12X6,12X8 AND 12X10
ECCENTRIC REDUCER	GRADE =WP 304/304L  WP316/3 16L	NPS DESIGNATOR, INCH =2.5X1.5, 2.5X2, 3X1, 3X1.25, 3X1.5, 3X2, 3X2.5, 3.5X1.25, 3.5X1.5, 3.5X2, 3.5X2.5, 3.5X3, 4X1.5, 4X2, 4X2.5, 4X3, 4X3.5, 5X2, 5X2.5, 5X3, 5X4, 6X2, 6X2.5, 6X3, 6X3.5, 6X4, 6X5, 8X3, 8X3.5, 8X4, 8X5, 8X6, 10X4, 10X5, 10X6,10X8, 12X5, 12X6, 12X8 AND 12X10
EQUAL TEE	GRADE =WP 304/304L  WP316/3 16L	NPS DESIGNATOR INCH = 1/2, 3/4, 1, 1 1/4, 2, 2 1/2, 3, 3 1/2, 4, 5, 6, 8, 10, AND 12
LONG RADIUS 45	GRADE =WP 304/304L  WP316/3 16L	NPS DESIGNATOR INCH = 2, 2 1/2, 3, 3 1/2, 4, 5, 6, 8, 10, AND 12
LONG RADIUS 90	GRADE =WP 304/304L  WP316/3 16L	NPS DESIGNATOR INCH = 1/2, 3/4, 1, 1 1/4, 1 1/2, 2, 2 1/2, 3, 3 1/2, 4, 5, 6, 8, 10, AND 12

Model	Series	Description
REDUCING TEE	GRADE =WP 304/304L , WP316/3 16L	NPS DESIGNATOR, INCH = 1X1/2, 1X3/4, 1.25X1/2, 1.25X 3/4, 1.25X1, 1.5X1/2, 1.5X3/4, 1.5X1, 1.5X1.25, 2X1/2, 2X3/4, 2X1, 2X1.25, 2X1.5, 2.5X1, 2.5X1.25, 2.5X1.5, 2.5X2, 3X1, 3X1.25, 3X1.5, 3X2, 3X2.5, 3.5X1.25, 3.5X1.5, 3.5X2, 3.5X2.5, 3.5X3, 4X1.5, 4X2, 4X2.5, 4X3, 4X3.5, 5X2, 5X2.5, 5X3, 5X4, 6X2, 6X2.5, 6X3, 6X3.5, 6X4, 6X5, 8X3, 8X3.5, 8X4, 8X5, 8X6, 10X4, 10X5, 10X6,10X8, 12X5, 12X8
SHORT RADIUS 90	GRADE =WP 304/304L , WP316/3 16L	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
STUB ENDS	GRADE =WP 304/304L , WP316/3 16L	NPS DESIGNATOR INCH =2, 2 1/2, 3, 3 1/2, 4, 5, 6,AND 8