



### INSPECTION CERTIFICATE

PANTECH STAINLESS & ALLOY INDUSTRIES SDN. BHD. (733428W)  
 (A MEMBER OF PANTECH GROUP HOLDINGS BERHAD, LISTED ON MAIN MARKET OF BURSA MALAYSIA)  
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Approval No.:  
ISO9001-0047465

MATERIAL MANUFACTURER APPROVAL ACCORDING TO  
 PED 2014/68/EU, ANNEX 1, PARA 4.3.  
 PED CERTIFICATE NO. :  
 0343/PED/MUM/1110006/1

### INSPECTION DOCUMENT: EN 10204: 2004 Type 3.1

Purchaser: Statewell On Behalf Of Allied Stainless Group INC  
 Product: Welded Austenitic Stainless Steel Fitting

Certificate No: PSA2-FT-43010  
 Date: 7 Dec 2022

Order No.	Invoice No.	Starting Material	Specification for Fittings - Welded	Specification for Inspection										
SW220903 (44528)	E000005354	PIPE	ASTM A403/A403M - 20 / ASME SA 403/SA403M - 21	ASME B16.9 - 18 / ASTM A960/A960M - 20 / ASME SA 960/SA960M - 21 / ASME SECTION II PART A-2021										
Heat No.	Product & Size		Quantity (pcs)	Material Grade	Dimensional / Visual/ PMI Inspection	Remarks								
K6426-1	3"	SCH 40s 90° LR ELBOW	600	WP304/304L-W	PASSED	4F9L53								
Specification	Chemical Composition (%)								Tensile Test *1			Hardness (HRB)		Inter-granular corrosion test
	C	Si	Mn	P	S	Cr	Ni	Pb	YS (KSI / MPa)	TS (KSI / MPa)	E (%)	1	2	
	Max													
	Min	0.030	1.00	2.00	0.045	0.030	20.00	11.00	-	-	-	-	90	
Heat No.	-	-	-	-	-	18.00	8.00	-	205	515	28	-		
K6426-1	0.022	0.38	1.15	0.029	0.001	18.11	8.03	< 0.01	353	656	55	81	80	PASSED

WE HEREBY CERTIFY THAT THE PRODUCT DESCRIBED HEREIN HAS BEEN MANUFACTURED, SAMPLED, TESTED & INSPECTED IN ACCORDANCE WITH THE REQUIREMENTS OF THE ABOVE SPECIFICATION & PURCHASE ORDER;  
 AND WAS FOUND SATISFIED TO THE REQUIREMENTS. MATERIAL IS FREE FROM MERCURY & RADIOACTIVE CONTAMINATION.  
 TENSILE REQUIREMENT: CONFORMS TO ASTM A370-12a STANDARD, SPECIMEN GAUGE WIDTH 19.2MM FOR 3" ABOVE & 3" BELOW DONE SIMULATION TEST FROM PIPE. LONGITUDINAL DIRECTION, GAUGE LENGTH 2" (50mm)

NOTE: MADE IN MALAYSIA STEEL MAKING PROCESS : AOD / VOD  
 PIPE RAW MATERIAL - WELDED BY ELECTRIC FUSION WELDING PROCESS WITH NO FILLER METAL  
 INTERGRANULAR CORROSION TEST ACCORDING TO ASTM A262-10 PRACTICE E  
 HARDNESS ACCORDING TO NACE-MR0175-2015 / ISO 15156 -2015 & NACE-MR0103-2015  
 HEAT TREATMENT: SOLUTION TREATED AT MINIMUM 1050°C, RAPIDLY COOLED WITH WATER  
 CHEMICAL COMPOSITION CAPTURED FROM RAW MATERIAL'S HEAT ANALYSIS  
 \*1: YS: YIELD STRENGTH TS: TENSILE STRENGTH E: ELONGATION

**Pantech Stainless & Alloy Industries Sdn. Bhd.**  
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Head of Quality Assurance Department