



INSPECTION CERTIFICATE
PANTECH STEEL INDUSTRIES SDN. BHD. (69971-41)
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WROUGHT CARBON STEEL BUTTWELDING FITTINGS
 INSPECTION DOCUMENT: EN10204:2004 Type 3.1

Quality Management System is certified
 under ISO 9001. Approval No.: 0047996
 PED 2014/68/EU Annex I Clause 4.3
 Cert. No.: 0343/PED/MUM/0910070/1

Purchaser: **ALLIED FITTING CORP**


Certificate No: **PSI 137426-05**
 Date: **16-Jun-2022**

Order No.	Invoice No.	Starting Material	Specification for Fittings- Seamless	Specification for Inspection												
P037372-1	E000016881	Seamless Pipe	ASTM A234-19 WPB/ASME SA234-2J WPB/ CSA Z245.11-17 Cat. I Gr. 24J/ NACE MR 0175/NACE MR 0103/ISO15156-1.5*	ASME B16.9- 1B/ASTM A960- 20												
Batch No.	Part Code	Product & Size	Quantity (pcs)	Heat Treatment												
YF902	F4LXB	8" 45 DEG LR XS ELBOW	64	H												
			Dimensional & Visual Inspection	Magnetic Particle Testing												
			GOOD	N.A												
Chemical Composition (%)																
Specification	C	SI	Mn	P	S	NI	Cr	Mo	Cu	V	Pb	CE	Tensile Test ¹		Hardness	
	x100	x100	x100	x1000	x1000	x100	x100	x100	x100	x1000		x100	YS	TS	E ²	(HB)
Min	-	10	29	-	-	-	-	-	-	-	-	-	240	415	-	1
Max	30	-	106	50	58	40	40	15	40	80	-	50	-	-	-	197
Batch No.	YF902	20	21	58	11	3	1	5	1	2	1	31	288	484	32.0	131

WE CERTIFY THAT ALL PRODUCTS WERE MANUFACTURED, SAMPLED, TESTED, AND INSPECTED SOLELY BY THE MANUFACTURER LISTED AT THE ADDRESS ABOVE IN ACCORDANCE WITH INDICATED SPECIFICATION AND FOUND TO MEET REQUIREMENTS. MATERIAL IS FREE FROM MERCURY AND RADIOACTIVE CONTAMINATION.
 TENSILE REQUIREMENT: CONFORMS TO ASTM A370 STANDARD, LONGITUDINAL DIRECTION, GAUGE LENGTH 2" (50mm)
 *FULLY KILLED
 *HARDNESS ACCORDING TO NACE MR0103/ NACE MR0175/ISO15156-1.5

NOTE:
 C: Cold formed at temperature below 620°C
 S: Stress relieved in temperature between 595°C - 690°C and cooled in still air.
 H: Hot formed in temperature between 620°C - 980°C and cooled in still air.
 MT: Magnetic Particle Testing

N: Normalized at 910°C
 Q: Heated to 910°C and quenched in water.
 T: Temper between 590°C - 690°C.
 *1: YS = Yield strength TS = Tensile strength E = Elongation
 *2: For thickness above 7.94 mm, the minimum elongation value, E is 30. Else, E = 48t + 15, where t = specimen thickness, in


 Quality Assurance Manager