

# INSPECTION CERTIFICATE

PANTECH STEEL INDUSTRIES SDN. BHD. (509731-A)

LOT 13258 & 13259, Jalan Haji Abd. Manan,

Off Jalan Meru, 42200 Kapar, Selangor, Malaysia.

Tel: 603-3393 1633 Fax: 603-3393 1733 E-mail: info@pantechsteel.com



Quality Management System is certified under ISO 9001. Approval No.: 0047996  
PED 2014/68/EU Annex 1 Clause 4.3  
Cert. No.: 0343/PED/MUM/0810070/1

## WROUGHT CARBON STEEL BUTTWELDING FITTINGS

INSPECTION DOCUMENT: EN10204:2004 Type 3.1

Purchaser :

Certificate No : PSI 137204-05

Date : 20-Apr-2022

Order No.	Invoice No.	Starting Material	Specification for Fittings- Seamless										Specification for Inspection				
P032942-1	E000016729	Seamless Pipe	ASTM A234-19 WPB/ASME SA234-21 WPB/ CSA Z245.11-17 Cat.I Gr.241/ NACE MR 0175/NACE MR 0103/ISO15156-15*										ASME B16.9- 18/ASTM A960- 20				
Batch No.	Part Code	Product & Size				Quantity (pcs)	Dimensional & Visual Inspection	Heat Treatment	Magnetic Particle Testing								
YF503	F4LS3	3" 45 DEG LR STD ELBOW				300	GOOD	H	N.A								
Specification	Chemical Composition (%)												Tensile Test <sup>1</sup>			Hardness	
	C x100	Si x100	Mn x100	P x1000	S x1000	Ni x100	Cr x100	Mo x100	Cu x100	V x1000	Pb	CE x100	YS (KSI / MPa)	TS (KSI / MPa)	E <sup>2</sup> (%)	(HB)	
Min	-	10	29	-	-	-	-	-	-	-	-	-	240	415	-	-	
Max	-	10	29	-	-	-	-	-	-	-	-	-	240	415	-	-	
Batch No.	30	-	106	50	58	40	40	15	40	80	-	50	-	-	-	197	
YF503	22	26	42	11	2	2	1	2	1	25	<0.10	30	300	468	33.5	131	136

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/ISO15156-15

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: Normalised at 910°C

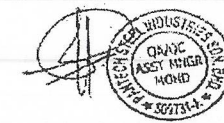
Q: Heated to 910°C and quench in water.

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

Made in Malaysia



Quality Assurance Manager