

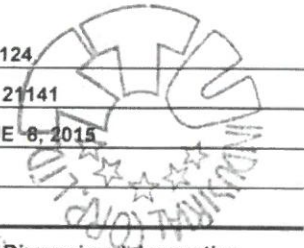


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**MANUFACTURER'S CERTIFICATE**

(Mill Test Certificate) DIN 50049-3 1-B / EN 10204-3.1

Purchaser	: PLESA ANAHUAC Y CIAS., SA DE C.V.	Certificate No	: 150124
Product	: SEAMLESS STEEL WELDING FITTING	Order No	: PO. 21141
Specification	: ASTM A-234 WPB - 2014	Date	: JUNE 8, 2015
	: ASME SA234 WPB 2013 ED.	L/C No	: T/T
	: NACE MR-01-75 2009 /NACE MR-01-03 2012 ED.		



Raw Material Standard	Inspection Standard	Visual Inspection	Dimensional Inspection
PIPE : ASTM A106 B/ A53B / API5LB PLATE : ASTM A516 Gr 50 / 60	ANSI B15.9 - 2012 ANSI B16.28	PASS	PASS

Product & Size (inch)	Heat ID	Quantity	Heat NO	Raw Material Maker	Net Wts KG
1 90 ELBOW LR STD 3"	54805	88	321843	2554-805	178.64

Standard	Chemical Composition %												Mechanical Test			Average Hardness	CE Long Formula
	C	Si	Mn	P	S	Cr	Ni	Cr	Mo	V	Nb	Al	YS	TS	E		
	x	x	x	x	x	x	x	x	x	x	x	x	psi	psi	%	Hb	x-100
Min.		10	29										35,000	60,000	30		
Max.	30		106	48	58	40	40	40	15	8		90		85,000		197	42
1	20	22	43	16	10	2	1	1	0	0	0	0	42500	72100	34	167	27.6

COUNTRY OF EXPORT : THAILAND  
COUNTRY OF ORIGIN : THAILAND

- We hereby certify that the products described herein have been manufactured, inspected and conforms to standards as specified above.
- ALL FITTINGS ARE HEAT TREATED TO MEET NACE MR0175-03 STANDARD SPECIFICATION AT 650-680 C x 1.0 HR
- CE = C + (Mn/6) + (Cr + Mo + V)/5 + (Ni+Cu)/15
- ALL TEES ARE TESTED BY MAGNETIC PARTICLE EXAMINATION (MT)

*[Signature]*  
Chief of Quality Assurance Dept