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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	: 140528 - 15
Product	: SEAMLESS STEEL WELDING FITTING	Order No	: PTU-MXPLESA-14-1022AC
Specification	: ASTM A-234 WPB - 2011A	Date	: NOVEMBER 3, 2014
	: ASME SA234 WPB	L/C No	: T/T

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

Product & Size (inch)	Heat ID.	Quantity	Heat NO.	Raw Material Maker	Net Wts KG
1 CAP STD 10"	49942	50	232442	050696	457.50
2 CAP SCH80 3"	49953	20	488953	545370	18.34
3 CAP SCH80 6"	49398	50	594398	619536	223.50
4 CAP SCH80 8"	43398	50	594398	619536	402.50
5 CAP XH 10"	43398	10	594398	619536	125.00

Standard	Chemical Composition %												Mechanical Test			Average Hardness	CE Long Formula	
	C	Si	Mn	P	S	Cu	Ni	Cr	Mo	V	Nb	Al	YS	TS	E			
	x 100	x 100	x 100	x 1000	x 1000	x 100	x 100	x 100	x 100	x 100	x 100	x 1000	x 1000	psi	psi	%		
Min.	-	10	29	-	-	-	-	-	-	-	-	-	-	35,000	60,000	TRANSVERSE 17	197	42
Max.	30	-	106	48	58	40	40	40	15	8	-	50	-	85,000				
1	18	19	80	16	11	0	0	0	0	0	-	-	49300	71700	27	162	31	
2	15	37	91	21	14	0	0	0	0	0	-	-	46900	69000	24	158	30	
3	13	24	89	20	10	0	0	0	0	0	-	-	42900	65600	29	168	28	
4	13	24	89	20	10	0	0	0	0	0	-	-	42900	65600	29	168	28	
5	13	24	89	20	10	0	0	0	0	0	-	-	42900	65600	29	168	28	

COUNTRY OF EXPORT : THAILAND  
 COUNTRY OF ORIGIN : THAILAND

- We hereby certify that the products described herein have been manufactured, inspected and conforms to standard 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)

  
 Chief of Quality Assurance Dept