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**MILL CERTIFICATE / PRODUCTION CERTIFICATE
 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	: 120673
Product	: CARBON STEEL FITTINGS	Order No	: PO. 13745
Specification	: ASTM A-234 WPB - 2011A	Date	: AUGUST 11, 2012
	: ASME SA234 WPB	L/C No	: M928369

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
1 90 ELBOW SR STD 4"	28273	50	801A-163	2554-273
2 TEE STD 2"	28891	50	104A-291	2554-891
3 TEE STD 4"	28913	200	D08-1-3425	2554-913
4 RED TEE STD 8"x4"	19942	1	1037205	2554-942
5 RED TEE STD 8"x4"	28942	2	1037205	2554-942
6 RED TEE STD 8"x4"	682	14	86682	49491
7 RED TEE STD 10"x8"	28605	9	1130716	2554-605
8 RED TEE STD 12"x8"	28497	10	1031436	2554-497
9 RED TEE STD 12"x6"	28497	10	1031436	2554-497
10 RED TEE STD 14"x12"	2849A	3	1031434	2554-49A
11 RED TEE STD 14"x10"	2849A	3	1031434	2554-49A

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	x	x	x	x	x	x	x	x	x	x	x	x	psi	psi	%	Hb
Min.	-	10	29	-	-	-	-	-	-	-	-	-	35,000	60,000	30	-	-
Max.	30	-	106	48	58	40	40	40	15	8	-	50	-	85,000	-	197	42
1	20	20	53	8	6	13	13	7	1	<1	-	-	43600	66800	35	160	32
2	19	23	49	9	8	<1	<1	2	<1	<1	-	-	46800	69600	33	155	28
3	20	22	56	15	12	2	1	4	<1	<1	-	-	46400	66800	36	170	30
4	19	22	42	5	2	3	2	2	1	<1	1	2	49300	68200	47	101	37
5	19	22	42	5	2	3	2	2	1	<1	1	2	49300	68200	47	101	37
6	16	24	76	11	4	14	6	6	0	0	-	-	43076	69183	43	152	32
7	24	25	88	12	8	8	3	7	1	<1	1	3	57300	81200	44	147	41
8	14	37	96	18	3	5	2	3	1	1	1	4	47900	63800	48	140	33
9	14	37	96	18	3	5	2	3	1	1	1	4	47900	63800	48	140	33
10	17	40	95	15	3	8	2	3	1	1	1	3	53700	76900	40	150	36
11	17	40	95	15	3	8	2	3	1	1	1	3	53700	76900	40	150	36

- 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)

[Signature]
 Chief of Quality Assurance Dept