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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	: 150125
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.		

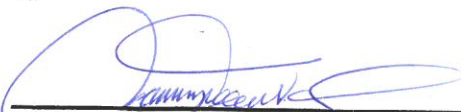
Raw Material Standard	Inspection Standard	Visual Inspection	Dimensional Inspection
PIPE : ASTM A106 B/ A53B / API5LB PLATE : ASTM A516 Gr 50 / 60	ANSI B16.9 – 2012 ANSI B16.28	PASS	PASS

Product & Size (inch)	Heat ID.	Quantity	Heat NO.	Raw Material Maker	Net Wts KG
1 TEE STD 6"	53931	150	11102288	2554-931	1680.00
2 TEE STD 10"	55605	50	1130716	2554-605	1780.00
3 CON RED STD 3"x2"	55901	100	031101652	2554-901	95.00
4 CON RED STD 4"x2"	55913	100	D08-1-3425	2554-913	137.00
5 CON RED STD 6"x4"	55931	200	11102288	2554-931	714.00
6 CON RED STD 6"x2"	55931	20	11102288	2554-931	60.80
7 CON RED STD 8"x6"	55942	148	1037205	2554-942	959.04
8 CON RED STD 8"x6"	49942	52	1037205	2554-942	336.96
9 CON RED STD 8"x4"	55942	100	1037205	2554-942	510.00
10 CON RED STD 10"x8"	55605	50	1130716	2554-605	536.00
11 CON RED STD 10"x6"	55605	50	1130716	2554-605	479.00
12 CON RED STD 16"x10"	55861	10	208-15	2554-861	296.00

Standard	Chemical Composition %												Mechanical Test			Average	CE Long	Magnetic
	C	Si	Mn	P	S	Cu	Ni	Cr	Mo	V	Nb	Al	YS	TS	E	Hardness	Formula	Particle
	x	x	x	x	x	x	x	x	x	x	x	x	psi	psi	%	Hb	x 100	Test
Min.	-	10	29	-	-	-	-	-	-	-	-	-	35.000	60.000	30	-	-	-
Max.	30	-	106	48	56	40	40	40	15	8	-	50	-	85.000	-	197	42	-
1	20	22	51	13	6	6	2	3	1	1	-	-	46400	67100	35	140	30.0	PASS
2	23	25	88	12	8	8	3	7	1	<1	1	3	57300	81200	44	147	40.0	PASS
3	21	23	54	9	9	2	1	2	<1	<1	-	-	38900	67500	30	130	30.6	N/A
4	20	22	56	15	12	2	1	4	<1	<1	-	-	46400	66800	36	170	30.3	N/A
5	20	22	51	13	6	6	2	3	1	1	-	-	46400	67100	35	140	30.0	N/A
6	20	22	51	13	6	6	2	3	1	1	-	-	46400	67100	35	140	30.0	N/A
7	19	22	42	5	2	3	2	2	1	<1	1	2	49300	68200	47	101	26.9	N/A
8	19	22	42	5	2	3	2	2	1	<1	1	2	49300	68200	47	101	26.9	N/A
9	19	22	42	5	2	3	2	2	1	<1	1	2	49300	68200	47	101	26.9	N/A
10	23	25	88	12	8	8	3	7	1	<1	1	3	57300	81200	44	147	40.0	N/A
11	23	25	88	12	8	8	3	7	1	<1	1	3	57300	81200	44	147	40.0	N/A
12	19	21	52	14	10	14	6	6	-	-	-	-	46400	67900	34	172	30.2	N/A

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