



INSPECTION CERTIFICATE

Customer : MATERIALES INDUSTRIALES DE MEXICO,
S.A. de C.V.
Product : SEAMLESS CARBON STEEL BUTT WELD
FITTINGS
Spec : ASME SA/ASTM A234 WPB-17/
NACE MR0175&MR0103

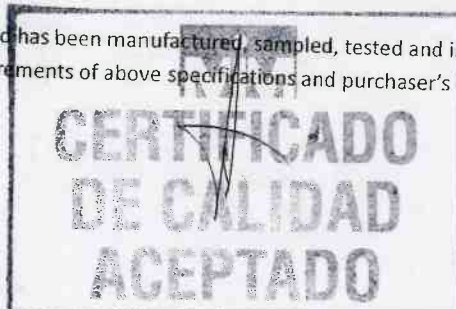
ACCORDANCE WITH EN 10204-3.1
CHUP HSIN ENTERPRISE CO., LTD.
17, TUNG LI ROAD HSIAO KANG,
KAOHSIUNG, TAIWAN, R.O.C.
TEL:(07)831-9157 FAX:(07)821-7500, 831-2942

Certificate No : 00600203-0105
Order No : 156900
Date : 2018/05/30
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Starting Material		Specification for Inspection				Visual Inspection				Dimensional Inspection								
ASTM A515 GR.60		ASME B16.9-2012				GOOD				GOOD								
Item	Description	Quantity	Heat ID	Heat No	Raw Certificate No.	NDE	Impact Test											
							Test Temp	Size of specimen	Charpy V.-Notch Impact Value J	Ave.								
52	CAP XS	8	5BP00	5BP00	C.S.C. 061018H0095													
56	CAP XS	16	2WM45	2WM45	C.S.C. 060513H0212													
Specifi- cation	Chemical Composition%												Tension Test			Hardness Test	Heat Treatment	REMARK
	C	Si	Mn	P	S	Cu	Ni	Cr	Mo	V	Nb	C.E	Y.S	T.S	E			
Min.	X100	X100	X100	X1000	X1000	X100	X100	X100	X100	X1000	X1000	X100	P.S.I	P.S.I	%	HB		
Max.	22	10	29										35000	60000	17			
52	17	16	75	18	9	4	3	3	1	1	12	31	39903	63300	28.0	197	NORM. 910°Cx0.5HR AC	1.ORIGIN COUNTRY OF GOODS:TAIWAN 2.EXPORTING COUN- TRY:TAIWAN
56	16	15	77	15	4	2	1	3	1	1	12	30	43530	64100	28.0	133 132		

C.E. = C+Mn / 6 + (Cr+Mo+V)/5 + (Ni+Cu)/15

We hereby certify that the material herein described has been manufactured, sampled, tested and inspected in accordance with, and was found to meet, the requirements of above specifications and purchaser's order.



K.Y. Tsai
Chief of Quality Assurance Section