



# INSPECTION CERTIFICATE

Customer : MIM INTERNATIONAL ,INC.  
 Product : SEAMLESS CARBON STEEL BUTT WELD  
 FITTINGS  
 Spec : ASTM A234 WPB-15/  
 NACE MR0175&MR0103

(MILL TEST)  
 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 : 00400118-0208  
 Order No : 147810  
 Date : 2016/08/30  
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Starting Material			Specification for Inspection					Visual Inspection			Dimensional Inspection							
ASME SA516 GR.70			ASME B16.9-2012					GOOD			GOOD							
Item	Description	Quantity	Heat ID	Heat No	Raw Certificate No.	NDE	Impact Test				Ave.							
							Test Temp	Size of specimen	Charpy V.-Notch Impact Value J									
191	CAP XS(S80)	8	20	2PP65	2PP65	C.S.C. 030624A0183												
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.		10	29										35000	60000	17			
Max.	22		135	50	58	40	40	40	15	80	20	50		95000		197		
191	20	25	106	16	4	1	1	3	Tr	2	11	40	55864	78900	25.2	144	NORM. 910°Cx0.5HR AC	1.ORIGIN COUNTRY OF GOODS:TAIWAN 2.EXPORTING COUNTRY:TAIWAN

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

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.



*L.S. Tsai*  
 Chief of Quality Assurance Section