

CHIAO KUAN TOU ENTERPRISE CO., LTD.
 ADD:43 CHUNG SHAN RD, HSIN HPWA DIST., TAINAN CITY, TAIWAN, TEL:00886-033426600
MILL TEST AND INSPECTION CERTIFICATE

ORIGINAL

Certificate No. RC-18-112-22

Customer:		SERVICIOS COMERCIALES Y EMPRESARIALES DE MONTERREY SA DE CV		Invoice No. OC 1802015									
Order No.	2018.10.24	Work No.	A23AWPB	Material	A23AWPB								
16102018-S3	2018.10.24	2018.V04	A23AWPB		2018.10.24								
Article:		CARBON STEEL ASTM-A-234 WPB PIPE FITTINGS											
State of delivery:		HOT PUSHING		ASTM A234 WPB SIZE Spc Hxxx NAGE MR0175									
Marking:													
Content of the Delivery:													
NO	Weight	KGS	Description		Heat No. / Test No.								
1	372.00	7440.00	90° ELBOW SCH80 20"		4357 / RC1224								
2	308.00	1540.00	45° ELBOW SCH80 20"		5460 / RC1224								
Chemical analysis													
NO	Heat No.	% C	% Si	% Mn	% P	% S	% Cr	% Ni	% Cu	% Mo	% V	% Nb	% Ti
1	4357	0.180	0.200	0.380	0.011	0.008	0.210	0.300	0.280	0.100	0.040		
2	5460	0.170	0.220	0.450	0.015	0.005	0.180	0.130	0.200	0.090	0.040		
Mechanical tests:													
NO	Heat No.	Tensile Strength	Yield Strength	Elong %	Hardness	Charpy-Impact Test							
1	4357	475	320	31	170	ISO-V Specimen							
2	5460	486	319	34	175	J							

Visual and dimensional inspection: TAIWAN

surface without Works Inspector



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