

EA-109602



MAHARASHTRA SEAMLESS LIMITED
WORKS (MILL) TEST CERTIFICATE
 DIN:50049:3.1. B/EN:10204:3.1

QCF.20

Page 1 of 1

Tc No : MSL/QC/1333B/2016 Customer : SALZGITTER MANNESMANN INTERNATIONAL
 Date : 20-SEP-16
 Specification : ASTM A 53/106 GR.B(2013)/API 5L/X42(PSL-1)(2014)
 Process/Product: HOT FINISH SEAMLESS Carbon Steel Pipes P.O. No : 50415115 Dt. 08-JUL-16
 W.O. No : 6140036

TUBOS Y BARRAS HUECAS DE MEXICO, S.A DE C.V.
 PLESA ANAHUAC Y CIAS, S.A DE C.V.
 CLIENTE:
 16/007/2018
 PEDIDO: 377743
 CANTIDAD: 36.00 MTS.

DESCRIPTION											
SIZE (mm)	Length Range Mtr/Feet	Heat No.	No Of PCS	Length Mtr/Feet	End Finish	Hydro-static Test	Bend Test	Flattening Test	Flaring Test	Drift Test	Crushing Test
168.3 X 14.27	9	A2713	26	234	BEVEL	2800 PSI	NA	OK	NA	NA	NA
168.3 X 14.27	9	A2722	90	810	BEVEL	2800 PSI	NA	OK	NA	NA	NA

PHYSICAL PROPERTIES							CHEMICAL COMPOSITION (%)															
Sl No	Heat No	YST (Mpa)	UTS (Mpa)	El (%)	Hardness HRB	Impact Test	LA/PA	C	Mn	Si	P	S	Cr	Mo	Ni	V	Cu	Al	Ti	Nb	CE	
G.L.=50 mm, G.W.25.4 mm T/L- (L)																						
Required (Max)								.28	1.06		.03	.03	.4	.15	.4	.08	.4					
Required (Min)		290	415						.29	.1												
1	A2713	315.86	478.31	45.40	75-77	--	LA PA PA	.180 .200 .190	.870 .880 .890	.230 .207 .207	.014 .015 .015	.003 .004 .004	.010 .019 .022	.001 .003 .003	.010 .034 .034	.001 .002 .002	.004 .006 .006	.023 .026 .025	.003 .002 .002	.001 .000 .000	.328 .354 .346	
2	A2722	314.63	484.49	46.00	75-77	--	LA PA PA	.180 .200 .190	.880 .870 .890	.220 .196 .194	.016 .014 .013	.003 .007 .006	.011 .013 .014	.002 .003 .004	.009 .028 .027	.001 .002 .002	.005 .006 .006	.028 .027 .027	.003 .001 .001	.000 .060 .000	.330 .351 .345	

Dimensions : Outside diameter, thickness, weight, length conforms to above specification.
 Coating : All Pipes are coated with rust preventive from outside surface only.
 N.D.T. : Not Applicable

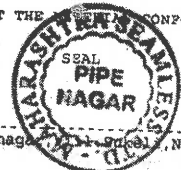
Heat Treatment : Not applicable
 Raw material : Fully killed

Marking/Stencilling : MAHA MSL API SPEC 5L 0135.1 (API LOGO) M/Y ASTM A 53 GR.B/ASTM A 106 GR.B/API 5L GR.B/X-42, PSL-1 OD
 168.30 MM X WT 14.27 MM X LENGTH IN (MTR) HPS HEAT NO. . . 2800 PSI+WEIGHT-54.21 KG/MTR-MADE IN INDIA+TUBOS Y BARRAS HUECAS S.A DE C.V. P.O.NO. OC 06958

Remarks : 1) Material Conforms to NACE MR-0175 restricted to Sulphur contents 0.01% max and Hardness 22 HRC max requirement.
 2) MSL Mail ID qcd@mahaseam.com 3) Exporting Country : "INDIA" 4) Weight (MT/Item) ; Sl No.1 : 12.714 MT , Sl.No.2 : 44.010 MT & Total : 56.724 MT.

CERTIFY THAT THE PRODUCT CONFORMS TO ABOVE SPECIFICATION.

FOR MAHARASHTRA SEAMLESS LIMITED



R.K. SRIVASTAVA - Asst. ENGINEER