



MAHARASHTRA SEAMLESS LIMITED

QCF. 20 A

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

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Tc No : MSL/QC/3524-8/2017
 Date : 25-MAY-17
 Specification : ASTM A106/A53 GR.B/ASME B36.10 (2015) SA106B-SA53B/API 5L GR.B PSL-1(2012)
 Process/Product : HOT FINISH SEAMLESS Carbon Steel Pipe P.O. No: 6121329841

DESCRIPTION								W.O. No :					Hydrostatic Test	Bend Test	Flattening Test	Flaring Test	Drift Expn. Test	Crushing Test
SL NO	Material/Item Code	SIZE (Inch)	Length Range (Feet)	Heat No.	No of PCS	Length (Feet)	End Finish											
1		1.050 X 0.219	SRL	2400332	939	18792	PLAIN					850 PSI	NA	OK	NA	NA	NA	
2		0.840 X 0.147	SRL	L2-00257	859	17192	PLAIN					850 PSI	NA	OK	NA	NA	NA	
3		1.315 X 0.250	SRL	2513993	203	4060	PLAIN					850 PSI	NA	OK	NA	NA	NA	
4		1.900 X 0.281	SRL	2514282	350	7005	PLAIN					1900 PSI	NA	OK	NA	NA	NA	

PHYSICAL PROPERTIES							CHEMICAL COMPOSITION (%)													
SL NO	Heat No.	YST (PSi)	UTS (PSi)	EL (%)	Hardness HRB	Impact Test	LA/PA	C	Mn	Si	P	S	Cr	Mo	Ni	V	Cu	Al	Ti	Nb
Required(Max)								0.28	1.06		0.035	0.04	0.40	0.15	0.40	0.08	0.40			
Required(Min)		35100	60200						.29	0.10										
1	2400332	42061	71067	33		-	LA	0.17	0.43	0.22	0.014	0.01	0.057	0.002	0.052	0.002	0.054	0.003	0.002	0.001
2	L2-00257	44382	72664	34		-	LA	0.17	0.46	0.24	0.012	0.01	0.113	0.001	0.081	0.001	0.05	0.001	0.0001	0.001
3	2513993	46412	74695	35		-	LA	0.19	0.46	0.26	0.018	0.01	0.08	0.002	0.046	0.001	0.07	0.001	0.001	0.001
4	2514282	39072	67036	33		-	LA	0.19	0.46	0.27	0.015	0.01	0.074	0.002	0.024	0.001	0.065	0.001	0.0001	0.001

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
 Raw material : Fully killed
 Heat Treatment : Not applicable



Marking/Stencilling: MAHA MSL ISO 3183 SPEC. 5L 0135.1 M/Y ASTM A106/A53GRB ASME SA106/SA53 B ASME B36.10
 API 5L/ GRB PSL-1 S SIZE OD ... WT ... SCH ... HEAT NO ... + MADE IN INDIA

Remarks : Material conforms to NACE-MR-0175 restricted to Sulphur contents 0.01% max and hardness 22 HRC max requirement.
 CERTIFY THAT THE MATERIAL CONFORMS TO ABOVE SPECIFICATION. FOR MAHARASHTRA SEAMLESS LIMITED

