
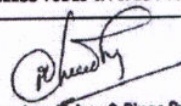


**GLOBAL SEAMLESS TUBES & PIPES PVT. LTD (INDIA)**

GLOBAL SEAMLESS		MILL TEST CERTIFICATE											
PURCHASER NAME :		M/s. GLOBAL FORMING TECHNOLOGIES PVT. LTD.					TEST CERTIFICATE No.:		GSTP/0816/GFT/2021				
PURCHASER ORDER No. :		GFT21GS010		Date :		09.04.2021		TEST CERTIFICATE Date :		26.11.2021			
WORK ORDER No. :		GSTPL/WO/EXP/3089		Date :		25.04.2021		INVOICE NO:		GSTPLEXP2122049			
NAME OF PRODUCT :		CARBON STEEL SEAMLESS PIPES					INVOICE Date :		26.11.2021				
PROCESS OF PIPE/TUBE MANUFACTURE :		CARBON STEEL COLD DRAWN SEAMLESS PIPES											
STEEL MANUFACTURED BY (MELT & POUR):		RASHTRIYA ISPAT NIGAM LIMITED, INDIA											
STEEL MAKING METHOD :		BOF-LF/IRUT-CCM-ROUND METHOD, Fully Killed					Approved QAP No.:-		----				
SPECIFICATION & GRADE :		ASTM / ASME A / SA 106 B, NACE MR-0175 & MR-0103											
PO Sr. No.	GSTPL REF. HEAT NO.	SUPPLIER HEAT NO.	SIZE (Inch)			Quantity			General				
			OD X WT X LENGTH	Nos.	Mtrs.	MT.	End Condition	Coating					
9	RG0406	21F03468	1" X 0.179" X 19'			1244	7215.21	23.360	Plain End	Black Paint			
CHEMICAL COMPOSITION (%)													
PO Sr. No.	HEAT NO.	REQUIRED	%C	%Mn	%S	%P	%Si	%Cr	%Cu	%Mo	%Ni	%V	%CE
		Max	0.30	1.06	0.035	0.035	-	0.400	0.400	0.150	0.400	0.080	0.430
		Min	-	0.29	-	-	0.100	-	-	-	-	-	-
9	21F03468	L1/A	0.164	0.720	0.005	0.013	0.290	0.007	0.001	0.001	0.001	0.001	0.286
	RG0406	P1/A	0.165	0.893	0.006	0.016	0.298	0.011	0.001	0.001	0.012	0.004	0.285
MECHANICAL PROPERTIES													
PO Sr. No.	HEAT NO	REQUIRED	TENSILE STRENGTH (MPa)	YIELD STRENGTH (MPa)	ELONGATION (%)	HARDNESS (HRB)	IMPACT TEST	FLATTENING TEST	FLARING TEST	Bend Test at 90°			
		G.L. = 50 mm, Pipe Tested On Full Section											
		Max	-	-	-	99 HRB (Max)	-	-	-	-			
		Min	415	240	30.00	-	-	-	-	-			
9	RG0406		467.71	344.87	51.72	68 - 69	N/A	N/A	N/A	OK			
NON-DESTRUCTIVE TEST						SURFACE QUALITY		DIMENSION TOLERANCE as per Specification					
PO Sr. No.	HEAT NO	HYDRO-STATIC TEST as per SA530 (100%)	E.C.T. as Per ASTM E-309 (100%)	U.T. AS PER ASTM E-213 (100%)	IN SIDE	OUT SIDE							
9	RG0406	2500 PSI, OK	OK	N/A	Satisfactory	Satisfactory	Satisfactory						
Heat Treatment : Heat Treated Above 650°C (1200°F)													
MARKING : GSTP/LOGO/SMLS/ASTM/ASME-A/SA-106-B /NACE MR-0175 MR-0103/SIZE...../H. NO...../HYD. 2500 PSI/PO NO. GFT21GS010/MADE IN INDIA													
REMARKS: 1. Legends: L1/A= Ladie Analysis One, P1/A= Product Analysis One, 2. Legends: N/A= Not Applicable.													
1. 100% Tubes Visual Surface Finish & Visual Dimensional Inspection Carried Out By "GSTPL" - Found Satisfactory.													
2. Mechanical Tests Carried Out By "GSTPL" - Found Satisfactory.													
3. Chemical Tests Carried Out By "GSTPL" - Found Satisfactory.													
4. 100% Hydrostatic Test Carried Out By "GSTPL" - Found Satisfactory.													
5. 100% Eddy Current Test Carried Out By "GSTPL" - Found Satisfactory.													
We hereby certify that the material herein described has been Manufacture Sample tested & Inspected in accordance with above standard & specification & satisfy the requirement.						For, GLOBAL SEAMLESS TUBES & PIPES PVT. LTD. (INDIA)							
						 Global Seamless Tubes & Pipes Pvt.Ltd. QA/QC Manager Dharmendra Singh Chauhan							
												Sr. ENGINEER (QA/QC)	