

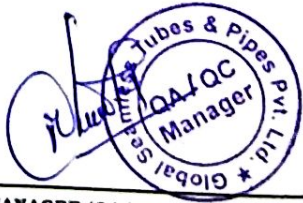


GLOBAL SEAMLESS TUBES & PIPES PVT. LTD (INDIA)

PURCHASER NAME :		M/s. GLOBAL FORMING TECHNOLOGIES PVT. LTD.		TEST CERTIFICATE No.:		GSTP/0427/GFT/2021							
PURCHASER ORDER No. :		GFT20GS006		Date :		16.12.2020							
WORK ORDER No. :		GSTPL/WO/EXP/2270		Date :		25.12.2020							
NAME OF PRODUCT :		CARBON STEEL SEAMLESS PIPES		INVOICE NO :									
PROCESS OF PIPE/TUBE MANUFACTURE :		CARBON STEEL COLD DRAWN SEAMLESS PIPES		INVOICE Date :									
STEEL MANUFACTURED BY (MELT & POUR):		RASHTRIYA ISPAT NIGAM LIMITED, INDIA		Approved QAP No.:-		GSTPL/QC/0173/2020-21 Rev.00 DT-22.12.2020							
STEEL MAKING METHOD :		BOF-LF/IRUT-CCM-ROUND METHOD, Fully Killed		ASTM / ASME A / SA 106 B, NACE MR-0175 & MR-0103									
SPECIFICATION & GRADE :													
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			
11	RG0142	20F02758	1-1/2" X 0.281" X (19-20)'			447	2592.60	18.790	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
11	20F02758	L1/A	0.190	0.690	0.007	0.018	0.180	0.010	0.003	0.001	0.005	0.005	0.309
	RG0142	P1/A	0.193	0.702	0.004	0.013	0.218	0.004	0.005	0.002	0.003	0.007	0.313
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°			
		Max	-	-	-	99 HRB (Max)	-	-	-	-			
11	RG0142	Min	415	240	21.00	-	-	-	-	-			
			436.29	288.01	31.20	76 TO 77	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							
11	RG0142	2500 PSI, OK	OK	N/A	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-GFT20GS006/MADE IN INDIA													
REMARKS: 1. Legends: L1/A= Ladle 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" & 10% Qty. Witnessed by "BVIPL" Surveyor - Found Satisfactory.													
2. Mechanical Tests Carried Out By "GSTPL" & Witnessed by "BVIPL" Surveyor - Found Satisfactory.													
3. Chemical Tests Carried Out By "GSTPL" & Report Reviewed by "BVIPL" Surveyor - Found Satisfactory.													
4. 100% Hydrostatic Test Carried Out By "GSTPL" & Report Reviewed by "BVIPL" Surveyor - Found Satisfactory.													
5. 100% Eddy Current Test Carried Out By "GSTPL" & 10% Qty. Witnessed by "BVIPL" Surveyor - Found Satisfactory.													
6. Single Hard Stamp on Each Bundle Metal Tag as "11" & Double Hard Stamp on 10% Witnessed Qty. Metal Bundle Tag as "11" By "BVIPL" for Identification.													
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)							
 Sr. ENGINEER (QA/QC)		 BUREAU VERITAS SURVEYOR (SIGN)				 MANAGER (QA/QC)							

CORPORATE OFFICE : Plot-Y9, 3rd Floor, EP Block, Setor-V, Salt Lake City, Bidhannagar, Kolkata - 700 091

REGD. OFF : Plot-Y9, 3rd Floor, EP Block, Setor-V, Salt Lake City, Bidhannagar, Kolkata - 700 091

Mob : +91 9051134600 CIN-U29299WB2019PTC231524

Web : www.globalseamless.com EMAIL : sales@globalseamless.com