

GLOBAL SEAMLESS TUBES & PIPES PVT. LTD (INDIA)

MILL TEST CERTIFICATE

CERTIFICATE ACCORDING TO EN 10204 : 3.3

PURCHASER NAME :	PO-43472 (PO-28.894)	Date :	08.11.2022	TEST CERTIFICATE No.:	
PURCHASER ORDER No. :	GSTPL/WD/RXP/5624	Date :	14.11.2022	TEST CERTIFICATE Date :	
WORK ORDER No. :				INVOICE No:	
NAME OF PRODUCT :	CARBON STEEL SEAMLESS PIPES			INVOICE Date :	

PROCESS OF PIPE/TUBE MANUFACTURE :	CARBON STEEL COLD DRAWN SEAMLESS PIPES				
STEEL MANUFACTURED BY (MELT & POUR):	RASHTRIYA ISPAT NIGAM LIMITED, INDIA (FOR SL NO 5)				
	BHUSHAN POWER & STEEL LIMITED, INDIA (FOR SL NO 3, 6 & 7)				

STEEL MAKING METHOD :	BOF-LF/TRUIT-COM-ROUND METHOD, Fully Killed	Approved QAP No.:	GSTPL/QC/0187/24
SPECIFICATION & GRADE :	ASTM A53 B / ASME SA 53-B / SA 106 B, EDD. - 2019 / 2021, NACE MR-0175 & MR-0103 EDD.- 2015		

PO Sr. No.	GSTPL REF. HEAT NO.	SUPPLIER HEAT NO.	SIZE (Inch)		Quantity			
			OD X WT X LENGTH	Wts.	Mtrs.	FLAT	WT.	
3	BG0974	22D4336	1/2" X 0.1470" X 21.000'	1141	7303.54	23961.00	11.330	
5	RG1056	22D04554	3/4" X 0.1540" X 21.000'	1705	10920.11	35826.00	23.040	
5	RG1049	22E02367	3/4" X 0.1540" X 21.000'	854	5466.45	17834.00	11.530	
6	BG0974	22D4336	1" X 0.1330" X 21.000'	1497	9582.30	31437.00	23.020	
7	BG0974	22D4336	1" X 0.1750" X 21.000'	1158	7412.36	24318.00	23.030	

PO Sr. No.	HEAT NO.	REQUIRED	CHEMICAL COMPOSITION (%)									
			%C	%Mn	%S	%P	%SI	%Cr	%Cu	%Mo	%Ni	
		Max	0.30	1.06	0.035	0.035	-	0.400	0.400	0.150	0.400	
		Min	-	0.29	-	-	0.100	-	-	-	-	
3	22D4336	L1/A	0.194	0.720	0.010	0.009	0.130	0.032	0.001	0.002	0.004	
	BG0974	P1/A	0.193	0.712	0.008	0.012	0.126	0.033	0.001	0.002	0.004	
5	22D04554	L2/A	0.166	0.630	0.004	0.016	0.110	0.010	0.001	0.001	0.001	
	RG1056	P2/A	0.170	0.638	0.005	0.016	0.131	0.013	0.008	0.001	0.009	
5	22E02367	L3/A	0.165	0.640	0.007	0.018	0.120	0.010	0.001	0.001	0.001	
	RG1049	P3/A	0.168	0.662	0.008	0.017	0.132	0.012	0.007	0.001	0.009	
6	22D4336	L4/A	0.194	0.720	0.010	0.009	0.130	0.032	0.001	0.002	0.004	
	BG0974	P4/A	0.196	0.713	0.008	0.013	0.128	0.020	0.001	0.002	0.004	
7	BG0974	P5/A	0.198	0.713	0.008	0.015	0.128	0.028	0.001	0.002	0.005	

PO Sr. No.	HEAT NO.	REQUIRED	TENSILE STRENGTH (MPa)		ELONGATION (%)		HARDNESS (HRBW)	IMPACT TEST	FLATTENING TEST
			UTS	YLS	5.65	4.5			
			415	240	30.00	-	-	-	
			444.85	298.88	53.12	71-72	N/A	N/A	
3	BG0974		453.37	280.64	50.65	71-75	N/A	N/A	
5	RG1056		435.10	285.68	47.78	73-75	N/A	N/A	
5	RG1049		500.36	300.75	42.66	75-77	N/A	N/A	
6	BG0974		477.65	317.56	46.18	73-75	N/A	N/A	

PO Sr. No.	HEAT NO.	HYDRO-STATIC TEST as per EN10203 (100%)	SURFACE QUALITY	
			INSIDE	OUTSIDE
3	BG0974	2500 PSI, duration of 5 Sec. Satisfactory	Satisfactory	Satisfactory
5	RG1056		Satisfactory	Satisfactory
5	RG1049		Satisfactory	Satisfactory
6	BG0974		Satisfactory	Satisfactory
7	BG0974		Satisfactory	Satisfactory


Heat Treatment : Heat Treated Above 650°C (1200°F)

MARKING : GSTP/LOGO/CDE/ASTM A53 B/ASME SA53-B/106B/SIZE.../H. NO.../HYD. 2500 PSI/NDI/NACE MR0175 MR0103/MADE IN INDIA

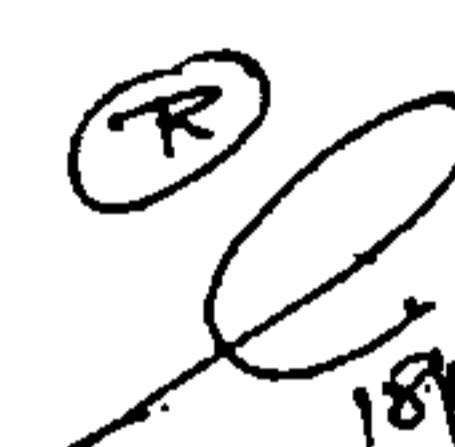
- REMARKS:
- 100% Tubes Visual Surface Finish & Visual Dimensional Inspection Carried Out By "GSTPL" & 10% Qty. Witnessed by "BVIPL" Surveyor - Found Satisfactory.
 - Mechanical Tests Carried Out By "GSTPL" & Witnessed by "BVIPL" Surveyor - Found Satisfactory.
 - Chemical Tests Carried Out By "GSTPL" & Report Reviewed by "BVIPL" Surveyor - Found Satisfactory.
 - 100% Hydrostatic Test Carried Out By "GSTPL" & 10% Qty. Witnessed by "BVIPL" Surveyor - Found Satisfactory.
 - 100% Eddy Current Test Carried Out By "GSTPL" & Report Reviewed by "BVIPL" Surveyor - Found Satisfactory.
 - Single Hard Stamp on Each Bundle Metal Tag as "V" & Double Hard Stamp on 10% Witnessed Qty. Metal Bundle Tag as "V" & "Z".

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



Sr. ENGINEER (QA/QC)



BUREAU VERITAS SURVEYOR (INDIA)



Sr. ENGINEER (QA/QC)

CORPORATE OFFICE : Plot-Y9, 3rd Floor, EP Block, Sector-V, Salt Lake City, Bidhannagar, Kolkata
 REGD. OFF : Plot-Y9, 3rd Floor, EP Block, Sector-V, Salt Lake City, Bidhannagar, Kolkata
 Mob : +91 9051134600 CIN-U29299WB2019PTC231524
 ALL MATERIALS ARE FREE FROM MERCURY Web : www.globalseamless.com EMAIL : sales@globalseamless.com

WE DO NOT