



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

(An IATF 16949:2016, ISO 9001:2015, ISO 14001:2015, ISO 45001:2018, IS 1239 Part-1, ETL, IFR WELL KNOWN PIPE & TUBE MAKER Certified Company)

## MILL TEST CERTIFICATE

CERTIFICATE ACCORDING TO EN 10204 : 3.2

<b>PURCHASER NAME :</b>	M/s.	<b>TEST CERTIFICATE No.1</b>	GSTP/5019/OSI/2024
<b>PURCHASER ORDER No. :</b>	PO-45511(10P43438)	<b>TEST CERTIFICATE Date :</b>	18.05.2024
<b>WORK ORDER No. :</b>	GSTPL/WO/EXP/6429	<b>INVOICE NO:</b>	
<b>NAME OF PRODUCT :</b>	CARBON STEEL SEAMLESS PIPES	<b>INVOICE Date :</b>	
<b>PROCESS OF PIPE/TUBE MANUFACTURE :</b>	CARBON STEEL COLD DRAWN SEAMLESS PIPES		
<b>STEEL MANUFACTURED BY (MELT &amp; POUR):</b>	RASHTRIYA ISPAT NIGAM LIMITED, INDIA		
<b>STEEL MAKING METHOD :</b>	BOF-LF/IRUT-CCM-ROUND METHOD, Fully Killed	<b>Approved QAP No.1-</b>	GSTPL/QC/0187/2020-21 Rev.00 DT-03.03.2021
<b>SPECIFICATION &amp; GRADE :</b>	ASTM A53 B / ASME SA 53-B / SA 106 B, EDD. - 2019 / 2023, NACE MR-01-03, NACE MR-01-75, EDD.- 2012 / 2015		

PO Sr. No.	GSTPL REF. HEAT NO.	SUPPLIER HEAT NO.	SIZE (Inch)		Quantity				General	
			OD X WT X LENGTH		No.	MTR.	FEET	MT.	End Condition	Coating
2	RG1894	23E02711	1/2" XH X 0.1470" X 21.000'		599	3834.20	12579.00	5.890	Plain End	Black Paint.

PO Sr. No.	HEAT NO.	REQUIRED	CHEMICAL COMPOSITION (%)										
			%C	%Mn	%S	%P	%Si	%Cr	%Cu	%Mo	%Ni	%V	%CE
2	23E02711	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	-	-	-	-	-	-
		L1/A	0.195	0.800	0.008	0.017	0.160	0.009	0.001	0.001	0.001	0.001	0.001
	RG1894	P1/A	0.201	0.794	0.006	0.016	0.168	0.012	0.005	0.002	0.008	0.002	0.337

PO Sr. No.	HEAT NO	REQUIRED	MECHANICAL PROPERTIES								Bend Test at 90°
			TENSILE STRENGTH (MPa)	YIELD STRENGTH (MPa)	ELONGATION (%)	HARDNESS (HRBW)	IMPACT TEST	FLATTENING TEST	FLARING TEST		
2	RG1894		G.L. = 50 mm & Pipe Tested On Full Section								
		Max	-	-	-	-	99 HRBW	-	-	-	-
		Min	415	240	30.00	-	-	-	-	-	
			440.66	301.18	54.56	66 - 68	N/A	N/A	N/A	Satisfactory	

PO Sr. No.	HEAT NO	NON-DESTRUCTIVE TEST			SURFACE QUALITY		DIMENSION TOLERANCE as per Specification
		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	
2	RG1894	2500 PSI, duration of 5 Sec. Satisfactory	Satisfactory	N/A	Satisfactory	Satisfactory	Satisfactory

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

MARKING : GSTP/LOGO/CDS/ASTM A53 B/ASME SA53-B/106B/1/2" XH X 0.1470" X 21.000 FEET/H. NO.RG1894/HYD. 2500 PSI/NDE/NACE MR-01-03 NACE MR-01-75/PO NO. 10P43438/MADE IN INDIA, Verified by "LRQA" Surveyor - Found In Order.

- REMARKS: Legends: 1. L1/A= Lot Analysis One, P1/A= Product Analysis One, 2. N/A= Not Applicable.
- 100% Tubes Visual Surface Finish & Visual Dimensional Inspection Carried Out By "GSTPL" & 10% Qty. Witnessed by "LRQA" Surveyor - Found Satisfactory.
  - Mechanical Tests Carried Out By "GSTPL" & Witnessed by "LRQA" Surveyor - Found Satisfactory.
  - Chemical Tests Carried Out By "GSTPL" & Report Reviewed by "LRQA" Surveyor - Found Satisfactory.
  - 100% Hydrostatic Test Carried Out By "GSTPL" & 10% Qty. Witnessed by "LRQA" Surveyor - Found Satisfactory.
  - 100% Eddy Current Test Carried Out By "GSTPL" & Report Reviewed by "LRQA" Surveyor - Found Satisfactory.
  - Single Hard Stamp on Each Bundle Metal Tag as "G" & Double Hard Stamp on 10% Witnessed Qty. Metal Bundle Tag as "G" By "LRQA" 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)

*[Signature]*  
Asst. MANAGER (QA/QC)

*[Signature]*  
LRQA SURVEYOR (SIGN)

*[Signature]*  
MANAGER (QA/QC)

Global Seamless Tubes & Pipes Pvt. Ltd.  
QA/QC Manager  
Monojit Paul

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

ALL MATERIALS ARE FREE FROM MERCURY WE DO NOT ENCOURAGE ANY CHINESE SUBSTRATE