

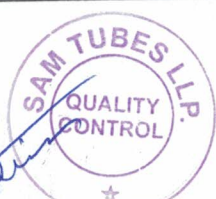


INSPECTION CERTIFICATE

AS PER EN 10204 Type 3.1

T.C. NO		SAM/QC/357/25-26			DATE :		17.15.2025				
CUSTOMER		M/s. ██████████			INSP BY:		SAM TUBES LLP				
W.O. NO.		OA/335/25-26			DATE :		07.11.2025				
P.O.NO.		PO-250710			DATE :		06.11.2025				
PRODUCT		AUSTENITIC STAINLESS STEEL SEAMLESS, SOLUTION ANNEALED, PICKLED & PASSIVATED TUBES									
SPECIFICATION		ASTM A213 EDITION 2023			GRADE :-		TP304				
PO. Sr. No.	DESCRIPTION OF PRODUCT (SIZE)			P.O. Qty.	PO. MTR.	Heat No.	STATUS				
2	16.00mm OD X 1.00mm (AVG) THK X 5900mm LONG			505 NOS	2979.50	FGA87	COMPLETE				
CHEMICAL COMPOSITION											
Heat No	Chemistry	C %	Si %	Mn %	P %	S %	Ni %	Cr %	Mo%	N%	Ti
	Required	---	---	---	---	---	8.000	18.000	---	---	---
FGA87	H	0.028	0.400	1.780	0.037	0.008	8.100	18.160	---	---	---
	PO SR NO 2	0.026	0.385	1.653	0.036	0.005	8.124	18.256	---	---	---
PHYSICAL TEST											
Parameter	Tensile Test (FULL SPECIMEN)	Y.S.		U.T.S	Elongation %	Hardness	IMPACT TEST - N/A				
		(Mpa)0.2%	(Mpa)	(Mpa)	(G.L: 50 mm)	Test (HRB)	1	2	3	Avg.	
Heat No	Required		205	515	35	90	WELD	---	---	---	---
		---	Min	Min	Min	Max	HAZ	---	---	---	---
FGA87	PO.SR.2	---	288/294	589/597	48/50	70 - 75	PARENT	---	---	---	---
HYDROSTATIC TEST		1000 PSI(G) @10 Sec. Holding, No Pressure Drop or Leakage Observed.									
FLATTENING TEST		FOUND OK									
FLARING TEST		FOUND OK									
FLANGE TEST		N.A.									
REVERSE BEND TEST		N.A.									
Marking on Tubes : "SAM TUBES LLP - SIZE - SMLS - CFD - SPEC - GRADE - HEAT No. "											
Remarks :-											
(1) Solution Annealing Done at 1040° C Minimum Temperature & Water Quenched - Found Satisfactory.											
(2) 100% Dimensional Inspection Checked by "SAM TUBES LLP" - Found Satisfactory.											
(3) 100% Visual Inspection Checked by "SAM TUBES LLP" - Found Satisfactory.											
(4) 100% Hydrostatic Test Conducted by "SAM TUBES LLP" - Found Satisfactory.											
(5) 100% Eddy Current Test Conducted by "SAM TUBES LLP"- Found Satisfactory.											
(6) Product analysis Conducted by "SAM TUBES LLP AT NABL LAB" - Found Satisfactory.											
(7) Mechanical Test Conducted by "SAM TUBES LLP" - Found Satisfactory.											
(8) Product Marking on Tubes Carried Out by "SAM TUBES LLP" - Found Satisfactory.											
We hereby certify that the material described herein are in accordance with the specification and that results comply with the requirements of the specification.											
ABBREVIATION: H - Heat Test P - Product Test, RL- Random Length, N/A- Not Applicable											
 Prepared By (Q.A./Q.C.)			  Q.A. / Q.C. HEAD						TPI / SURVEYOR'S		