



Manufacture Test & Inspection Report

(As per DIN EN 10204 - 3.1)

Client :	SAMPLE MTC	Certificate No. :	RIC/26-27/TC/
PO No.:		Date :	07/10/2026
Date :		Std. / Specs. :	ASTM A 182 Gr. F316L, Ed. 2020
Job No:		Starting Material:	--

PO Sr. No.	Item Description	Dimension Std	Qty.(Nos)	Lot No.
1	FLANGE SORF, Size - 25 NB x 150#	ASME B 16.5, Ed. 2020	1	RSF 650A

CHEMICAL ANALYSIS (%)																
Lot No.		C	Si	Mn	P	S	Cr	Mo	Ni	Cu	V	Nb	N	W	Al	CE
Reqd	Min	-	-	-	-	-	16.00	2.00	10.00	-	-	-	-	-	-	-
Value	Max	0.030	1.00	2.00	0.045	0.030	18.00	3.00	15.00	-	-	-	0.100	-	-	-
RSF 650A		0.02	0.32	1.22	0.021	0.009	16.45	2.04	10.4	-	-	-	0.067	-	-	-

MECHANICAL ANALYSIS (ASTM A370)															
Lot No.		Y.S @ 0.2% (Mpa)	U.T.S. (Mpa)	EL (GL=4XD) (%)	RA (%)	Hardness (HBW)			CHARPY V-NOTCH Impact Test (Temp in Joules)					Test Temp (°C)	Sample Direction
Reqd Value	Min Max	170.0	485.0	30.00	50.00	1	2	3	Spec Size	1	2	3	Avg	-	-
RSF 650A		-	-	-	-	-	-	-	-	-	-	-	-	-	-
		292.61	549.67	53.84	74.6	-	-	-	-	-	-	-	-	-	T

Heat Treatment	Solution Annealed at 1060°C & Water quenched	L=Longitudinal, T=Transverse
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Non Destructive Testings			Other Test
UT Test (100%):	LPT Test (100%):	RT Test (100%):	PMI (100%):
-	-	-	Satisfactory

Notes:-

100% Visual Inspection carried out. & Found Satisfactory.
100% Dimensional Inspection carried out as per spec. & Found Satisfactory.
Surface is free from defects.
No weld repaired performed.
IGC Test Prac-E carried out as per ASTM A262 - Found Satisfactory

Marking: RIC x Spec x Grade x Size x Lot No

We certify that the material herein described has been manufactured, sampled, tested and inspected in accordance with above specification and satisfies the requirements of the specification and the purchase order.

For Rajendra Industrial Corporation	
 Prepared By	 Checked By