

Material Test Certificate according to EN 10204-2004 : 3.1

Customer :	-			Material :	ASME SA193 Gr.B8M CL.2-ED-2025			TC No. :	S54/26-XX
SWO No. :	-	Date :	-	Bar Shape :	Round Bar	Bar Size	20.3 mm	TC Date :	23.05.20XX
PO No. :	-	Date :	-	RM TC No. :	-	Lot No. :	C08X	INV. No./Date	-

Chemical Composition Results %

Elements :	C	Mn	P	S	Si	Cr	Ni	Mo	V	Sn	Cu	Al	B	Pb	Ca
Min. :	-	-	-	-	-	16.00	10.00	2.00	-	-	-	-	-	-	-
Max. :	0.080	2.00	0.045	0.030	1.00	18.00	14.00	3.00	-	-	-	-	-	-	-
Actual :	0.0151	1.641	0.0328	0.0241	0.326	16.74	10.04	2.05	-	-	-	-	-	-	-
Lab TC No.:	26007XXX				Lab Name:					Result :	Satisfactory				

Heat Treatment Records

Heat Treatment Process	Hardening Temp. °C	Tempering Temp. °C	Solution Annealing Temp. °C
Temp. °C Min. :	NA	NA	-
Temp. °C Recorded :	NA	NA	-
Soaking Time :	NA	NA	-
Quenching Medium :	NA	NA	-
			Carbide Solution Treated and Strain Hardened

Mechanical Testing Results

Mechanical Properties		Tensile Strength (Mpa)	Yeild Strength 0.2 % Offset (Mpa)		% Elongation (GL-50mm)	%Reduction Area	Hardness (HRC)		Proof Load (Kn)	
Specified	Min.	690	550		20	45	-		-	
	Max.	-	-		-	-	35		-	
Actual Results:		1172.422	1,007.247		20.24	50.305	23, 26, 24		-	
Impact Test Results		Charpy V Notch Impact Test				AVG Value (J)	Lateral Expansion			
		Specified Value (J)	-	-	-	-	Value 1	Value 2	Value 3	Avg. Value
		Achieved Value (J)	-	-	-	-	-	-	-	-

Lab TC No.:	79/25-26/03	Lab Name :	AKF Internal Lab	Result :	Satisfactory.
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Item Details

PoSr. No.	Item Code	Drawing No./Rev. No.	Item Description	Length	Quantity
01	-	-	Stul Bolt (UNC) F/T SA193Gr.B8M CL.2 - 7/8" - 9UNC	142mm	10.00NOS

Remarks: -
01) _____
02) _____
03) _____
04) _____
05) _____
06) _____
07) _____
08) _____
09) _____

We confirm that above mentioned items were manufactured, sampled, tested and inspected in accordance with the subjected Customer's Purchase Order and as applicable Drawings, Material Specifications, Codes & Standards and the results of the items have been determined to meet the users' requirements.

For Ananka Fasteners Pvt. Ltd.

For Client / TPI