

Material Test Certificate according to EN 10204-2004 : 3.1

Customer :	SAMPLE MTC			Material :	ASTM A194 GRADE 3 ED-2024			TC No. :	SN05/26-XX
SWO No. :	-	Date :	-	Bar Shape :	Round Bar	Bar Size :	38 mm	TC Date :	10.04.20XX
PO No. :	-	Date :	-	RM TC No. :	-	Lot No. :	AKF-XX	INV. No./Date	-

Chemical Composition Results %

Elements :	C	Mn	P	S	Si	Cr	Ni	Mo	N	Sn	Cu	Al	B	Pb	Ca
Min. :	0.10	-	-	-	-	4.00	-	0.40	-	-	-	-	-	-	-
Max. :	-	1.00	0.040	0.030	1.00	6.00	-	0.65	-	-	-	-	-	-	-
Actual :	0.14	0.67	0.021	0.010	0.32	4.31	-	0.47	-	-	-	-	-	-	-

Lab TC No.:	XXXX	Lab Name :	XXXX	Result :	Satisfactory
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Heat Treatment Records

Heat Treatment Process	Hardening Temp. °C	Tempering Temp. °C	Solution Annealing Temp. °C
Temp. °C Min. :	88X°C	56X°C	-
Temp. °C Recorded :	-	-	-
Soaking Time :	-	-	-
Quenching Medium :	Oil Quenched	Aircool	-

Mechanical Testing Results

Mechanical Properties	Tensile Strength (Mpa)	Yield Strength 0.2 % Offset (Mpa)	% Elongation (GL-50mm)	% Reduction Area	Hardness (HRC)	Proof Load (kN)
Specified	Min.	-	-	-	24	475.1
	Max.	-	-	-	35	-
Actual Results:	-	-	-	-	28, 31, 29	475.8

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.:	XXXX	Lab Name :	XXXX	Result :	Satisfactory
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Item Details

Po Sr. No.	Item Code	Drawing No./Rev. No.	Item Description	Length	Quantity
1	-	-	Hex Nut M27-3P, ASTM A194 GRADE 3	-	20

Remarks: -
01) Material is free from surface defects.
02) 100% visual inspection was carried out in accordance with the specification.
03) Chemical, Mechanical & Dimensional test results are recorded and verified against the above specification limits.
04) Material shall fulfil all required properties as specified in the specification unless actual test results are recorded and verified against the above specification limits.
05) No weld repair is allowed.
06) Above mentioned test results are subject to test carried out in order to the Purchase order requirement.
07) All dimensions are as per specification.
08) All test results are as per specification.

We confirm that above mentioned Items was 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