

Ananka Fasteners Pvt. Ltd.

Plot No. 14, Survey No. 96 & 97, Ashoka & Hitech Ind. Estate, Golani Naka, Vasai
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Material Test Certificate according to EN 10204-2004 : 3.1

Customer :	SAMPLE MTC	Date :	-	Material :	ASTM A194 GRADE 9CA ED-2026	TC No. :	S44/26-XX
SWO No. :	-	Date :	-	Bar Shape :	Round Bar	Bar Size :	32 mm
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. :	-	-	-	-	-	20.00	23.50	6.00	0.18	-	-	-	-	-	-
Max. :	0.030	2.00	0.040	0.040	1.00	22.00	25.50	7.00	0.25	-	0.75	-	-	-	-
Actual :	0.021	1.12	0.019	0.002	0.42	21.10	24.85	6.62	0.20	-	0.16	-	-	-	-

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. :	-	-	-
Temp. °C Recorded :	-	-	-
Soaking Time :	-	-	-
Quenching Medium :	-	-	Carbide Solution Treated

Mechanical Testing Results

Mechanical Properties	Tensile Strength (Mpa)	Yield Strength 0.2 % Offset (Mpa)	% Elongation (GL-50mm)	% Reduction Area	Hardness (HRB)	Proof Load (Kn)
Specified	Min.	-	-	-	60	126.2
	Max.	-	-	-	90	-
Actual Results:	-	-	-	-	82, 85, 79	126.8

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 M20-2.5P, ASTM A194 GRADE 9CA	-	25.00 NOS

Remarks: -

- 01) Material is free from deleterious contaminants
- 02) 100% visual inspection carried out & found free from defects
- 03) Chemical, Mechanical & surface test carried out as per specification 100%
- 04) Material met 100% of standard compliance requirements and actual test results are recorded and verified against the above specification limits
- 05) No work order history
- 06) Above mentioned items conform to all required test criteria as per the Purchase order requirement
- 07) All dimensions are as per IS Specification
- 08) Above mentioned items are in line to the requirements of IS 9001:2015, if applicable

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