

Ananka Fasteners Pvt. Ltd.

Plot No. 14, Survey No. 96 & 97, Ashoka & Hitech Ind. Estate, Golani Naka, Vasai
East-401208 Tele: +91 9324581695/8655747683, Email: sales@anankafasteners.com
Website: www.anankafasteners.com

Material Test Certificate according to EN 10204-2004 : 3.1

Customer :	SAMPLE MTC			Material :	ASTM A194 GRADE 8CLNA ED-2026	TC No. :	S40/26-XX
SWO No. :	-	Date :	-	Bar Shape :	Round Bar	Bar Size :	28 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	Nb	Cu	Al	B	Pb	Ca
Min. :	0.005	-	-	-	-	17.00	9.00	-	0.06	0.20	-	-	-	-	-
Max. :	0.020	2.00	0.045	0.030	1.00	19.00	13.00	-	0.10	0.50	-	-	-	-	-
Actual :	0.013	1.38	0.026	0.005	0.45	18.35	11.60	-	0.09	0.30	-	-	-	-	-

Lab TC No.:	XXXX	Lab Name :	XXXX	Result :	Satisfactory
-------------	------	------------	------	----------	--------------

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:	-	-	-	-	81, 84, 86	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
-------------	------	-----------	------	----------	--------------

Item Details

Po Sr. No.	Item Code	Drawing No./Rev. No.	Item Description	Length	Quantity
1	-	-	Hex Nut M20-2.5P, ASTM A194 GRADE 8CLNA	-	40.00 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 at room temperature 20°C
- 04) Material met 100% of standard compliance requirements and actual test results are recorded and verified against the above specification limits
- 05) No weld repair noticed
- 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