

Material Test Certificate according to EN 10204-2004 : 3.1

Customer :	SAMPLE MTC			Material :	ASTM F468 UNS N10276 - 2026			TC No. :	S14/26-XX		
SWO No. :	-			Date :	-			Bar Shape :	Round Bar	Bar Size	25.0 mm
PO No. :	-			Date :	-			RM TC No. :	-	AKTR/4XX	INV. No./Date

Chemical Composition Results %

Elements :	C	Mn	P	S	Si	Cr	Ni	Mo	N	Sn	Cu	Al	B	Pb	Ca
Min. :	-	-	-	-	-	14.50	-	15.00	-	-	-	-	-	-	-
Max. :	0.020	1.000	0.0400	0.030	0.080	16.50	-	17.00	-	-	-	-	-	-	-
Actual :	0.015	0.503	0.0220	0.004	0.034	14.62	Rem	15.54	-	-	-	-	-	-	-
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. :	-	-	11XX
Temp. °C Recorded :	-	-	11XX
Soaking Time :	-	-	-
Quenching Medium :	-	-	Water Quench
			Solution Annealed

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.	758.000	310.000	25.000	20.00 HRC	-
	Max.	-	-	-	32.00 HRC	-
Actual Results:	836.48	567.32	37.00	63.00	25.0, 27.0, 28.0 HRC	-
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	-	-	Stud Bolt M24-3P, ASTM F468 UNS N10276	120mm	10.00 NOS

Remarks : -
01) Material is Free from visible defects.
02) 100% visual inspection performed & found satisfactory.
03) Chemical, Mechanical & Dimensional test results are within tolerance.
04) Material meets all the requirements of the specification.
05) No weld repair needed.
06) All dimensions are within tolerance.
07) All dimensions are within tolerance.
08) Material is free from visible defects.

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