

SHREE AMBEY METAL INDUSTRIES LTD.

WORKS E-339A, PHASE IVA, FOCAL POINT LUDHIANA-141010

INSPECTION CERTIFICATE DIN 50049 / EN 10204 - 3.1

Certificate No.: 1235
Customer:
Invoice No:
Invoice Date: 10.08.2019
Order number:
Product description: HEX NUT
Size: M 20
Surface Finish: SELF
Quantity: 750 KGS

1. CHEMICAL ANALYSIS AS PER ISO 898 PART- 2 GR -5

	C%	Mn%	Si%	P%	S%		
Standard Value (max)	0.58	-	-	0.060	0.150		
Test Value	0.11	-	-	0.03	0.035		

2. MECHANICAL PROPERTIES AS PER ISO 898 PART -2 GR -5

Test Item	Tensile Strength (min. Mpa)	Yield Stress at 0,2% non proportional elongation (min. Mpa)	Elongation (min. %)	Wedge loading Test (min. kN)	Proof load (kN)	Hardness (HV)	Shear Strength (min. Mpa)
Standard Value	N.A	N.A	N.A	N.A	154.40	146-302	N.A
Test value MIN	N.A	N.A	N.A	N.A	158.30	182	N.A
MAX					SATISFACTORY	204	N.A

3. DIMENSIONAL REPORT AS PER DIN -934 .

Test Item		Width across flats (s)	Width across corner (e)	Thickness(m)			
Standard Value	Min.	29.16	32.95	14.90			
	Max.	30.00	-	16.00			
Test Value	Min.	29.55	33.25	15.21			
	Max.	29.78	33.52	15.68			

4. SURFACE FINISH: SELF

Test Item	Surface visual						
Standard Value	Satisfactory						
Test Value	Satisfactory						

Checked By Amarjeet Singh


Amm. Signatory