



SHREE AMBEY METAL INDUSTRIES LIMITED

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

AN RDSO APPROVED COMPANY

INSPECTION CERTIFICATE DIN 50049 / EN 10204 - 3.1

Certificate No.:

Standard Reference: IS 1364 PT-3

Date of testing:

Chemical and Mechanical IS 1367 PT-6

Customer:

Invoice No.:

Product description: HEX NUT

Invoice Date:

Size: M 12

Grade : 8

Quantity:

Surface Finish: ZINC PLATED

Sample Quantity:

1. CHEMICAL ANALYSIS (%)

	C	Mn	P	S			
Standard Value	0.58 Max.	0.25 Min.	0.060 Max.	0.150 Max.			
Test Value	0.19	0.65	0.012	0.016			

2. MECHANICAL PROPERTIES

Test Item		Hardness (HRC)	Proof Load KN			
Standard Value		30 Max.	74.20 Min.			
Test value		17-19	OK			

3. DIMENSIONAL ANALYSIS

Test Item		Width Across Flats (s)	Width Across Corners (e)	Nut Thickness (m)			
Standard Value	Min.	17.73	20.03	10.37			
	Max.	18.00	-	10.80			
Test Value		17.75 - 17.86	20.15 - 20.28	10.60 - 10.80			

4. GAUGING

Test Item	M12x1.75 6H			Test Item	Coating Thickness	Visual
Standard Value	GO-NO GO			Standard Value	05 Microns Min.	OK
Test Value	GO-NO GO			Test Value	22 - 34 Microns	OK

5. SURFACE FINISH

Checked By

