



GLOBAL METALLURGICAL SERVICES LLP

(NABL Accredited Laboratory as per ISO/IEC 17025 : 2017)

Chemical Analysis | Mechanical Testing | Metallurgical Testing | Corrosion Testing | Site Services



Test Report

Name & Add. Of Customer	VISHAL ENTERPRISE Plot No: D2/E 397-398, GIDC Dahej, Bharuch-392130	TC No.: G5815ha
		ULR No.: TC836224000010505F
		Date of Issue: 30.11.2024
Type of Test	Vickers Hardness Test	Page: 1 of 1
Instrument Utilised	GMS-TM-05	Location: At Laboratory
Customer Ref.	Delivery Challan: 24-25/690, Date: 18.11.2024	
Sample received on	25.11.2024	
Nature of sample	Hex Nut	Condition of sample: Satisfactory
Sample Size(mm)	M30	Sample Drawn by: Party, Stamped by "VRISHAL ENGINEERING PVT LTD "
Specification	IS 1367 Part 6 CL 8 (Fine Pitch Thread)	Test Completed on: 26.11.2024
Sample ID	PROJECT NAME: EPCM SERVICES FOR NEW HYDRO FLUORIC AND PLANT, CLIENT NAME: NAVIN FLUORINE ADVANCED SCIENCES LTD, PO NO : 6400000018 DT 20.08.2024, HEAT NO: 660066, MAKE: KAM FASTNERS.	




Results

Discipline – Mechanical Testing

Group – Ferrous material & its Alloys

Vickers Hardness Test –G5815ha	Test Method – IS 1501 (Part-1) : 2020	(±)Expanded Uncertainty. 2.59 HV 10
Hardness Reading In HV at load 10 kgf at Surface		
Indentation	Observation	Required Value
1	309	295-353 HV
2	314	
3	317	
Avg. Value	313.33 HV10	

Remarks – The Offered Sample is complying Requirement of IS 1367 Part 6 CL 8 (Fine Pitch Thread) based on Reported Results \pm U.O.M is Within Permissible Limits.

		
Tested By	Reviewed & Authorized Signatory Amit Meghani	Witnessed By
<ul style="list-style-type: none">■ The Sample was not drawn by Laboratory.■ The above test reports relate only to sample submitted / tested.■ Test Reports Shall not be reproduced except in full, without written permission of laboratory.		

Form – 20 R. 00

End of Test Report

Form – 20 R. 00