

Quality And Accreditation Institute

Centre for International Accreditation



Certificate of Accreditation

QuantaMet, Surface Modification Technologies Pvt.Ltd.

Gala No. 11, Nirman Industrial Estate, Near Daya Lubricants,
Sativali Road, Waliv Phata, Dist. Palghar – 401208,
Vasai (E), Maharashtra India

has been assessed and accredited in accordance with the Standard

ISO/IEC 17025:2017

“General Requirements for the Competence of Testing and Calibration Laboratories”

In the field of

Testing

This certificate remains valid for the Scope of Accreditation as specified
in the annexure subject to continued compliance with the above standard
& any other requirements specified by QAI.



QAI/CIA/TL/2026/0189

Valid from: 01 September 2026

Dr. Bhupendra Kumar Rana
Chief Executive Officer

Valid until: 31 August 2028

Prof. Vikram Kumar
Chair, CIA



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Scope of Accreditation

QuantaMet, Surface Modification Technologies Pvt. Ltd.

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Vasai (E), Maharashtra India

QAI/CIA/TL/2026/0189

Valid from: **01 September 2026**

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Accreditation Standard: ISO/IEC 17025:2017

Mechanical Testing			
Sl. No.	Product(s)/Material of Test	Specific Tests Performed	Test Method
	Mechanical Properties of Metals		
1.	Ferrous Materials & Alloys	Surface Roughness (R_a)	IS 15262:2022, IS 15363:2022
2.	Ferrous Materials & Alloys	Rockwell Hardness (HRC)	ASTM E18:2024
3.	Ferrous Materials & Alloys	Rockwell Hardness (HRC)	IS 1586 (Part 1):2025
4.	Ferrous Materials & Alloys	Rockwell Hardness (HRC)	ISO 6508-1:2023
5.	Ferrous Materials & Alloys	Wear Coefficient - Type A Test (non perforated)	ISO 26424:2008
6.	Metallic Hard Coatings	Instrumentation Indentation Test	ISO 14577-1:2015, ISO 14577-4:2016, ISO 14577-2:2015
7.	Metallic Hard Coatings	Surface Roughness (R_a)	IS 15262:2022, IS 15363:2022
8.	Metallic Hard Coatings	Wear Coefficient - Type A Test	ISO 26424:2008
9.	Metallic Hard Coatings	Wear Coefficient - Type B Test	ISO 26424:2008



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Mechanical Testing			
Sl. No.	Product(s)/Material of Test	Specific Tests Performed	Test Method
	Miscellaneous (Non-Metallic Hard Coatings)		
1.	Non-Metallic Hard Coatings (Ceramic Coatings)	Instrumentation Indentation Test	ISO 14577-1:2015, ISO 14577-4:2016, ISO 14577-2:2015
2.	Non-Metallic Hard Coatings (Ceramic Coatings)	Surface Roughness (R _a)	IS 15262:2022, IS 15363:2022
3.	Non-Metallic Hard Coatings (Ceramic Coatings)	Wear Coefficient - Type A Test	ISO 26424:2008
4.	Non-Metallic Hard Coatings (Ceramic Coatings)	Wear Coefficient - Type B Test	ISO 26424:2008
5.	Non-Metallic Hard Coatings (Ceramic Coatings)	Coating Thickness	ISO 26423:2009
6.	Non-Metallic Hard Coatings (Ceramic Coatings)	CIE L*a*b Colour Measurement (SCI)	E1164-12, ISO CIE 11664-1: 2019, ISO CIE 11664-2: 2022, ISO CIE 11664-4: 2019

