

Quality And Accreditation Institute

Centre for International Accreditation

(formerly Centre for Laboratory Accreditation)



Certificate of Accreditation

Shaurya Steel Pty. Ltd. QA Lab

107 Johnson Road, Nigel,
Gauteng-1490, South Africa

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 to the above standard &
any other requirements specified by QAI.



QAI/CIA/TL/2024/0080

Valid from: 17 October 2024

Valid until: 16 October 2026

A handwritten signature in black ink, appearing to read 'Bhupendra'.

A handwritten signature in black ink, appearing to read 'Vikram'.

Dr. Bhupendra Kumar Rana
Chief Executive Officer

Prof. Vikram Kumar
Chair, CIA

User is advised to verify the current scope of accreditation by visiting our website: www.qai.org.in



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Accreditation Standard: ISO/IEC 17025:2017

Chemical Testing			
Sl. No.	Product(s)/Material of Test	Specific Tests Performed	Test Method
	Metals and Alloys		
1.	TMT/ round bar/ structural sections	Carbon %	ASTM E 415:2021
2.	TMT/ round bar/ structural sections	Silicon %	ASTM E 415:2021
3.	TMT/ round bar/ structural sections	Manganese %	ASTM E 415:2021
4.	TMT/ round bar/ structural sections	Phosphorus %	ASTM E 415:2021
5.	TMT/ round bar/ structural sections	Sulphur %	ASTM E 415:2021
6.	TMT/ round bar/ structural sections	Chromium %	ASTM E 415:2021
7.	TMT/ round bar/ structural sections	Nickel %	ASTM E 415:2021
8.	TMT/ round bar/ structural sections	Copper %	ASTM E 415:2021
9.	TMT/ round bar/ structural sections	Molybdenum %	ASTM E 415:2021
10.	TMT/ round bar/ structural sections	Vanadium %	ASTM E 415:2021

This is annexure to 'Certificate of Accreditation' and does not require any signature.

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1 of 2

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Mechanical Testing

Sl. No.	Product(s)/Material of Test	Specific Tests Performed	Test Method
	Mechanical Properties of Metals		
1.	TMT/ round bar	Tensile strength	SANS 6892-1
2.	TMT/ round bar	Elongation %	SANS 6892-1
3.	TMT/ round bar	Yield stress	SANS 6892-1
4.	TMT/ round bar	Mass per weight	SANS 920:2011
5.	TMT/ round bar	Bend test (6 to 32 mm)	SANS 920:2011
6.	TMT/ round bar	Re bend test (6 to 32 mm)	SANS 920:2011
7.	Structural sections	Tensile strength	SANS 50025-1
8.	Structural sections	Elongation %	SANS 50025-1
9.	Structural sections	Yield stress	SANS 50025-1
10.	Structural sections	Mass per weight	SANS 50025-1

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2 of 2