

Quality And Accreditation Institute

Centre for International Accreditation

(formerly Centre for Laboratory Accreditation)



Certificate of Accreditation

JBS Testing Solutions (Unit 2)

Plot No. 24, Street No. 2, Adjoining Focal Point Road, Transport Nagar,
Jalandhar-144004, Punjab, 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 to the above standard &
any other requirements specified by QAI.



QAI/CIA/TL/2023/0005

(Date of First Accreditation: 13 February 2023 - 12 February 2025)

Valid from: 13 February 2025

Valid until: 12 February 2027

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



Quality And Accreditation Institute

Centre for International Accreditation

(formerly Centre for Laboratory Accreditation)



Scope of Accreditation

JBS Testing Solutions (Unit 2)

Plot no.24, Street No. 2, Adjoining Focal Point Road, Transport Nagar
Jalandhar-144004, Punjab, India

QAI/CIA/TL/2023/0005

Date of First Accreditation: 13 February 2023-12 February 2025

Valid from: 13 February 2025

Valid until: 12 February 2027

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.	Steel Product	Tensile Strength	ASTM A370: 2023
2.		Tensile Strength	ASTM F606M: 2021
3.		Tensile Strength	IS 1367 (Part 14): 2023
4.		Tensile Strength	IS 1367 (Part 3): 2017
5.		Tensile Strength	ISO 3506 Part 1): 2020
6.		Tensile Strength	ISO 898(Part 1): 2022
7.		Tensile Strength	EN 895: 1991
8.		Tensile Strength	ASME Sec IX
9.		Tensile Strength	IS1608 (Part1) :2022
10.		Tensile Strength	ASTME345:16
11.		Tensile Strength	IS 13237: 1991
12.		Tensile Strength	API 1104: 2021
13.		Tensile Strength	AWSB4.0
14.		Tensile Strength	AWSDI/DIM
15.		Tensile Strength	BS EN ISO 5178: 2019
16.		Tensile Strength	IS 3600 (Part 3): 2018
17.		Tensile Strength	IS 3600 (Part 4): 2024
18.		Tensile Strength	BS EN ISO 4555: 2003

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

www.qai.org.in



1 of 44

Quality And Accreditation Institute

Centre for International Accreditation

(formerly Centre for Laboratory Accreditation)



Scope of Accreditation

JBS Testing Solutions (Unit 2)

Plot no.24, Street No. 2, Adjoining Focal Point Road, Transport Nagar
Jalandhar-144004, Punjab, India

QAI/CIA/TL/2023/0005

Date of First Accreditation: 13 February 2023-12 February 2025

Valid from: 13 February 2025

Valid until: 12 February 2027

Accreditation Standard: ISO/IEC 17025:2017

Mechanical Testing			
Sl. No.	Product(s)/Material of Test	Specific Tests Performed	Test Method
	Mechanical Properties of Metals		
19.	Steel Product	Tensile Strength	ISO 4136
20.		Elongation	ASTM A370:23
21.		Elongation	ASTM F606M: 21
22.		Elongation	IS 1367 (Part 14) : 2023
23.		Elongation	IS 1367 (Part 3) : 2017
24.		Elongation	ISO 898 (Part 1)
25.		Elongation	EN895
26.		Elongation	ASME Sec IX:
27.		Elongation	IS 1608 (Part 1) : 2022
28.		Elongation	ASTM E345
29.		Elongation	IS 13237: 1991
30.		Elongation	IS 16651: 2017
31.		Elongation	IS 1786: 2008
32.		Elongation	ISO 3506 Part -1: 2020
33.		Yield Strength	EN895
34.		Yield Strength	ASME Sec IX
35.		Yield Strength	IS 1608 (Part 1): 2022

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

www.qai.org.in



2 of 44

Quality And Accreditation Institute

Centre for International Accreditation

(formerly Centre for Laboratory Accreditation)



Scope of Accreditation

JBS Testing Solutions (Unit 2)

Plot no.24, Street No. 2, Adjoining Focal Point Road, Transport Nagar
Jalandhar-144004, Punjab, India

QAI/CIA/TL/2023/0005

Date of First Accreditation: 13 February 2023-12 February 2025

Valid from: 13 February 2025

Valid until: 12 February 2027

Accreditation Standard: ISO/IEC 17025:2017

Mechanical Testing			
Sl. No.	Product(s)/Material of Test	Specific Tests Performed	Test Method
	Mechanical Properties of Metals		
36.	Bars/ Wires/ Sheets/ Structural Steel/ Tubular Steel/ TMT/ Fasteners/ Bolt Beam/ Column/ Channel / Rail Plates/ Section/ Rod/ Pipe/ Welded Component / Fitting/ Round Bar/ Valves	Dimension	IS 781: 1984
37.		Dimension	IS 13095: 2020
38.		Dimension	IS 8794: 1988
39.		Dimension	IS 778: 1984
40.		Dimension	IS 8931: 2021
41.		Dimension	IS 704: 1984
42.		Dimension	IS 7181: 1986
43.		Dimension	IS 9523: 2024
44.		Dimension	IS 1363 (Part 1): 2023
45.		Dimension	IS 5290: 1993
46.		Dimension	IS 903: 1993
47.		Dimension	IS 1173: 1978
48.		Dimension	IS 16163: 2012
49.		Dimension	IS 10748: 2004
50.		Dimension	IS 1863: 1979
51.		Dimension	IS 2314: 1986

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

www.qai.org.in



3 of 44

Quality And Accreditation Institute

Centre for International Accreditation

(formerly Centre for Laboratory Accreditation)



Scope of Accreditation

JBS Testing Solutions (Unit 2)

Plot no.24, Street No. 2, Adjoining Focal Point Road, Transport Nagar
Jalandhar-144004, Punjab, India

QAI/CIA/TL/2023/0005

Date of First Accreditation: 13 February 2023-12 February 2025

Valid from: 13 February 2025

Valid until: 12 February 2027

Accreditation Standard: ISO/IEC 17025:2017

Mechanical Testing			
Sl. No.	Product(s)/Material of Test	Specific Tests Performed	Test Method
	Mechanical Properties of Metals		
52.	Bars/ Wires/ Sheets/ Structural Steel/ Tubular Steel/ TMT/ Fasteners/ Bolt Beam/ Column/ Channel / Rail Plates/ Section/ Rod/ Pipe/ Welded Component / Fitting/ Round Bar/ Valves Valves	Dimension	IS 2879: 1998
53.		Dimension	IS 3954: 1991
54.		Dimension	IS 884: 1985
55.		Dimension	IS 5488: 1987
56.		Dimension	IS 10102: 1982
57.		Dimension	IS 1173: 1978
58.		Dimension	IS 16162: 1960
59.		Dimension	IS 10748: 2004
60.		Dimension	IS 1863: 1979
61.		Dimension	IS 2314: 1986
62.		Dimension	IS 2879: 1998
63.		Dimension	IS 3954: 1991
64.		Dimension	IS 1252: 1991
65.		Dimension	IS 1875: 1992
66.		Dimension	IS 1929: 1982
67.		Dimension	IS 1079: 2017

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

www.qai.org.in



4 of 44

Quality And Accreditation Institute

Centre for International Accreditation

(formerly Centre for Laboratory Accreditation)



Scope of Accreditation

JBS Testing Solutions (Unit 2)

Plot no.24, Street No. 2, Adjoining Focal Point Road, Transport Nagar
Jalandhar-144004, Punjab, India

QAI/CIA/TL/2023/0005

Date of First Accreditation: 13 February 2023-12 February 2025

Valid from: 13 February 2025

Valid until: 12 February 2027

Accreditation Standard: ISO/IEC 17025:2017

Mechanical Testing			
Sl. No.	Product(s)/Material of Test	Specific Tests Performed	Test Method
	Mechanical Properties of Metals		
68.		Dimension	IS 4351: 2024
69.		Dimension	IS 6912: 2005
70.		Dimension	IS 2721: 2003
71.		Dimension	IS 6911: 2017
72.		Dimension	IS 1161: 2014
73.		Dimension	IS 1536: 2023
74.		Dimension	IS 1538 : 1993
75.		Dimension	IS 204 (Part 2): 1992
76.		Dimension	IS 5531: 2014
77.		Dimension	IS 10325: 2000
78.		Dimension	IS 12817: 2020
79.		Dimension	IS 1536: 2023
80.		Dimension	IS 1825: 1983
81.		Dimension	IS 13589: 2018
82.		Dimension	IS 3601: 2006
83.		Dimension	IS 4270: 2001

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

www.qai.org.in



5 of 44

Quality And Accreditation Institute

Centre for International Accreditation

(formerly Centre for Laboratory Accreditation)



Scope of Accreditation

JBS Testing Solutions (Unit 2)

Plot no.24, Street No. 2, Adjoining Focal Point Road, Transport Nagar
Jalandhar-144004, Punjab, India

QAI/CIA/TL/2023/0005

Date of First Accreditation: 13 February 2023-12 February 2025

Valid from: 13 February 2025

Valid until: 12 February 2027

Accreditation Standard: ISO/IEC 17025:2017

Mechanical Testing			
Sl. No.	Product(s)/Material of Test	Specific Tests Performed	Test Method
	Mechanical Properties of Metals		
84.	Bars/ Wires/ Sheets/ Structural Steel/ Tubular Steel/ TMT/ Fasteners/ Bolt Beam/ Column/ Channel / Rail Plates/ Section/ Rod/ Pipe/ Welded Component / Fitting/ Round Bar/ Valves	Dimension	IS 204 (Part 1): 1991
85.		Dimension	IS 1729: 2023
86.		Dimension	IS 1852: 1985
87.		Dimension	IS 432 (Part 1): 1982
88.		Dimension	IS 432 (Part 2): 1982
89.		Dimension	IS 2692: 1989
90.		Dimension	IS 2721: 2003
91.		Dimension	IS 11513: 2017
92.		Dimension	IS 14246: 2024
93.		Dimension	IS 278: 2009
94.		Dimension	IS 277: 2018
95.		Dimension	IS 9890: 1981
96.		Dimension	IS 7214: 1974
97.		Dimension	IS 1786: 2008
98.		Dimension	IS 6240: 2008
99.		Dimension	IS 7283: 1992

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

www.qai.org.in



6 of 44

Quality And Accreditation Institute

Centre for International Accreditation

(formerly Centre for Laboratory Accreditation)



Scope of Accreditation

JBS Testing Solutions (Unit 2)

Plot no.24, Street No. 2, Adjoining Focal Point Road, Transport Nagar
Jalandhar-144004, Punjab, India

QAI/CIA/TL/2023/0005

Date of First Accreditation: 13 February 2023-12 February 2025

Valid from: 13 February 2025

Valid until: 12 February 2027

Accreditation Standard: ISO/IEC 17025:2017

Mechanical Testing			
Sl. No.	Product(s)/Material of Test	Specific Tests Performed	Test Method
	Mechanical Properties of Metals		
100.	Bars/ Wires/ Sheets/ Structural Steel/ Tubular Steel/ TMT/ Fasteners/ Bolt Beam/ Column/ Channel / Rail Plates/ Section/ Rod/ Pipe/ Welded Component / Fitting/ Round Bar/ Valves	Dimension	IS 7452: 1990
101.		Dimension	IS 779: 1994
102.		Dimension	IS 6118: 2017
103.		Dimension	IS 2028: 2004
104.		Dimension	IS 1879: 2010
105.		Dimension	IS 1161: 2014
106.		Dimension	IS 14268: 2022
107.		Dimension	IS 1785 (Part 1): 1983
108.		Dimension	IS 1785 (Part 2): 1983
109.		Dimension	IS 280: 2006
110.		Dimension	IS 3739: 1987
111.		Dimension	IS 4454 (Part 1): 2001
112.		Dimension	IS 4454 (Part 2): 2001
113.		Dimension	IS 4824: 2022
114.		Dimension	IS 5872: 1990
115.		Dimension	IS 6003: 2010

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

www.qai.org.in



7 of 44

Quality And Accreditation Institute

Centre for International Accreditation

(formerly Centre for Laboratory Accreditation)



Scope of Accreditation

JBS Testing Solutions (Unit 2)

Plot no.24, Street No. 2, Adjoining Focal Point Road, Transport Nagar
Jalandhar-144004, Punjab, India

QAI/CIA/TL/2023/0005

Date of First Accreditation: 13 February 2023-12 February 2025

Valid from: 13 February 2025

Valid until: 12 February 2027

Accreditation Standard: ISO/IEC 17025:2017

Mechanical Testing			
Sl. No.	Product(s)/Material of Test	Specific Tests Performed	Test Method
	Mechanical Properties of Metals		
116.	Bars/ Wires/ Sheets/ Structural Steel/ Tubular Steel/ TMT/ Fasteners/ Bolt Beam/ Column/ Channel / Rail Plates/ Section/ Rod/ Pipe/ Welded Component / Fitting/ Round Bar/ Valves	Dimension	IS 6527: 1995
117.		Dimension	IS 6528: 2024
118.		Dimension	IS 7904: 2018
119.		Dimension	IS 9550 : 2024
120.		Dimension	IS 1835 : 1976
121.		Dimension	IS 4368 : 1967
122.		Dimension	IS 16176 : 2014
123.		Dimension	IS 2029 : 1998
124.		Dimension	IS 6149 : 1984
125.		Dimension	IS 13983 : 1994
126.		Dimension	IS 6603 : 2024
127.		Dimension	IS 11722 : 1986
128.		Dimension	IS 1732 : 1989
129.		Dimension	IS 1341 : 2018
130.		Dimension	IS 5517 : 1993
131.		Dimension	IS 2039 (Part1 - 3) : 1991

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

www.qai.org.in



8 of 44

Quality And Accreditation Institute

Centre for International Accreditation

(formerly Centre for Laboratory Accreditation)



Scope of Accreditation

JBS Testing Solutions (Unit 2)

Plot no.24, Street No. 2, Adjoining Focal Point Road, Transport Nagar
Jalandhar-144004, Punjab, India

QAI/CIA/TL/2023/0005

Date of First Accreditation: 13 February 2023-12 February 2025

Valid from: 13 February 2025

Valid until: 12 February 2027

Accreditation Standard: ISO/IEC 17025:2017

Mechanical Testing			
Sl. No.	Product(s)/Material of Test	Specific Tests Performed	Test Method
	Mechanical Properties of Metals		
132.	Bars/ Wires/ Sheets/ Structural Steel/ Tubular Steel/ TMT/ Fasteners/ Bolt Beam/ Column/ Channel / Rail Plates/ Section/ Rod/ Pipe/ Welded Component / Fitting/ Round Bar/ Valves	Dimension	IS 9295 : 2024
133.		Dimension	IS 1161 : 2014
134.		Dimension	IS 1239 (Part 1) : 2004
135.		Dimension	IS 4454 (Part 1) : 2001
136.		Dimension	IS 5312 (Part 1) : 2004
137.		Dimension	IS 4346 : 1982
138.		Bend	BSEN 910
139.		Bend	IS 277 : 2018
140.		Bend	IS 280 : 2006
141.		Bend	IS 1599 : 2023
142.		Bend	IS 2329 : 2005
143.		Bend	IS 14246 : 2024
144.		Bend	IS 4454 (Part 1) : 2001
145.		Bend	IS 4454 (Part 2) : 2001
146.		Bend	API 1104
147.		Bend	ASTM A370:23, ASME Sec IX

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

www.qai.org.in



9 of 44

Quality And Accreditation Institute

Centre for International Accreditation

(formerly Centre for Laboratory Accreditation)



Scope of Accreditation

JBS Testing Solutions (Unit 2)

Plot no.24, Street No. 2, Adjoining Focal Point Road, Transport Nagar
Jalandhar-144004, Punjab, India

QAI/CIA/TL/2023/0005

Date of First Accreditation: 13 February 2023-12 February 2025

Valid from: 13 February 2025

Valid until: 12 February 2027

Accreditation Standard: ISO/IEC 17025:2017

Mechanical Testing			
Sl. No.	Product(s)/Material of Test	Specific Tests Performed	Test Method
	Mechanical Properties of Metals		
148.	Bars/ Wires/ Sheets/ Structural Steel/ Tubular Steel/ TMT/ Fasteners/ Bolt Beam/ Column/ Channel / Rail Plates/ Section/ Rod/ Pipe/ Welded Component / Fitting/ Round Bar/ Valves	Bend	BSEN ISO 5173 : 2023
149.		Bend	IS 3600 (Part 4) : 2024
150.		Bend	IS 3600 (Part 6) : 1983
151.		Bend	BSEN ISO 4555
152.		Bend	AWSB4.0
153.		Re Bend Test	IS 1786 : 2008
154.		Cold Bend Test	IS 1161 : 2014
155.		Cold Bend Test	IS 2329 : 2005
156.		Cold Bend Test	IS 1239 (Part 1) : 2004
157.		Reverse Bend test	IS 1403 (Part 1) : 1993
158.		Reverse Bend test	IS 1785 (Part 1) : 1983
159.		Reverse Bend test	IS 1785 (Part 2) : 1983
160.		Reverse Bend test	IS 1716 : 2023
161.		Reverse Bend test	IS 432 (Part 1) : 1982
162.		Reverse Bend test	IS 432 (Part 2) : 1982

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

www.qai.org.in



10 of 44

Quality And Accreditation Institute

Centre for International Accreditation

(formerly Centre for Laboratory Accreditation)



Scope of Accreditation

JBS Testing Solutions (Unit 2)

Plot no.24, Street No. 2, Adjoining Focal Point Road, Transport Nagar
Jalandhar-144004, Punjab, India

QAI/CIA/TL/2023/0005

Date of First Accreditation: 13 February 2023-12 February 2025

Valid from: 13 February 2025

Valid until: 12 February 2027

Accreditation Standard: ISO/IEC 17025:2017

Mechanical Testing			
Sl. No.	Product(s)/Material of Test	Specific Tests Performed	Test Method
	Mechanical Properties of Metals		
163.	TMT	Mass per meter	IS 1786 : 2008
164.	Steel Product	Mass per meter	IS 2062 : 2011
165.	Fasteners	Proof Load (Bolt/Nut)	IS 1367 (Part 3) : 2017
166.		Proof Load (Bolt/Nut)	ASTM A 370
167.		Proof Load (Bolt/Nut)	ASTM F 606 M
168.		Proof Load (Bolt/Nut)	IS 1367 (Part 14) : 2023
169.		Proof Load (Bolt/Nut)	IS 1367 (Part 3) : 2017
170.		Proof Load (Bolt/Nut)	IS 1367 (Part 6) :2018
171.		Proof Load (Bolt/Nut)	ISO 3506 (Part 2) :1989
172.		Proof Load (Bolt/Nut)	ISO 3506 (Part 1) :1989
173.		Proof Load (Bolt/Nut)	ISO 898 (Part 1)
174.		Proof Load (Bolt/Nut)	ISO 898 (Part 2)
175.		Proof Load (Bolt/Nut)	IS 1367 (Part 6) : 2018
176.		Wedge Load (Bolt/Nut)	ISO 3506 (Part 1):2020
177.		Wedge Load (Bolt/Nut)	ASTM A 370:23
178.		Wedge Load (Bolt/Nut)	IS 1367 (Part 3) : 2017

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

www.qai.org.in



11 of 44

Quality And Accreditation Institute

Centre for International Accreditation

(formerly Centre for Laboratory Accreditation)



Scope of Accreditation

JBS Testing Solutions (Unit 2)

Plot no.24, Street No. 2, Adjoining Focal Point Road, Transport Nagar
Jalandhar-144004, Punjab, India

QAI/CIA/TL/2023/0005

Date of First Accreditation: 13 February 2023-12 February 2025

Valid from: 13 February 2025

Valid until: 12 February 2027

Accreditation Standard: ISO/IEC 17025:2017

Mechanical Testing			
Sl. No.	Product(s)/Material of Test	Specific Tests Performed	Test Method
	Mechanical Properties of Metals		
179.		Wedge Load (Bolt/Nut)	ASTM 606 M:21
180.		Wedge Load (Bolt/Nut)	IS 1367 (Part 3) : 2017
181.		Wedge Load (Bolt/Nut)	ISO 898 (Part 1) : 2013
182.		Wedge Load (Bolt/Nut)	IS 1367 (Part 6) : 2025
183.	Fasteners	Wedge Load (Bolt/Nut)	IS 1367 (Part 14) sec 1, 2, 4 : 2023, sec3: 2018
184.		Head Soundness	IS 1367(Part 3) : 2017
185.		Head Soundness	ISO 898 (Part 1) : 2013
186.		HRC	IS 1586 Part 1 : 2018
187.		HRC	ASTM E 10
188.	Bars/ Wires/ Sheets/ Structural Steel/ Tubular	HRC	ASTM E 370
189.	Steel/ TMT/ Fasteners/ Bolt Beam/ Column/ Channel/	HRC	ASTM A 370
190.	Rail Plates/ Section/ Rod/	HRC	ASTM E 18
191.	Pipe/ Welded Component/ Fitting/ Round Bar/ Valves	HRC	ISO 6508 (Part 1):2016
192.		HRB	IS 1586 Part 1 : 2018
193.		HRB	ASTM A370

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

www.qai.org.in



12 of 44

Quality And Accreditation Institute

Centre for International Accreditation

(formerly Centre for Laboratory Accreditation)



Scope of Accreditation

JBS Testing Solutions (Unit 2)

Plot no.24, Street No. 2, Adjoining Focal Point Road, Transport Nagar
Jalandhar-144004, Punjab, India

QAI/CIA/TL/2023/0005

Date of First Accreditation: 13 February 2023-12 February 2025

Valid from: 13 February 2025

Valid until: 12 February 2027

Accreditation Standard: ISO/IEC 17025:2017

Mechanical Testing			
Sl. No.	Product(s)/Material of Test	Specific Tests Performed	Test Method
	Mechanical Properties of Metals		
194.	Bars/ Wires/ Sheets/ Structural Steel/ Tubular Steel/ TMT/ Fasteners/ Bolt Beam/ Column/ Channel/ Rail Plates/ Section/ Rod/ Pipe/ Welded Component/ Fitting/ Round Bar/ Valves	HRB	ASTM E 18
195.		HRB	IS 1586 (Part 1) : 2018
196.		HRB	IS 1500 (Part 1) : 2019
197.		BHN	IS 1500 Part 1 : 2019
198.		HRA	IS 1586 (Part 1) : 2018
199.		HRA	ASTM E18
200.		HRA	ASTM A370
201.		HV10	ASTM E 92
202.		HV10	IS 1501 (Part 1) : 2020
203.		HV10	ISO 6507(Part 1)
204.		HV30	ASTM E 92
205.		HV30	IS 1501 (Part 1) : 2020
206.		HV30	ISO 6507(Part 1)
207.		Charpy Impact Test up to -196 degree Celsius	ASTM A 370

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

www.qai.org.in



13 of 44

Quality And Accreditation Institute

Centre for International Accreditation

(formerly Centre for Laboratory Accreditation)



Scope of Accreditation

JBS Testing Solutions (Unit 2)

Plot no.24, Street No. 2, Adjoining Focal Point Road, Transport Nagar
Jalandhar-144004, Punjab, India

QAI/CIA/TL/2023/0005

Date of First Accreditation: 13 February 2023-12 February 2025

Valid from: 13 February 2025

Valid until: 12 February 2027

Accreditation Standard: ISO/IEC 17025:2017

Mechanical Testing			
Sl. No.	Product(s)/Material of Test	Specific Tests Performed	Test Method
	Mechanical Properties of Metals		
208.		Charpy Impact Test up to -196 degree Celsius	IS 1499 : 1977
209.		Charpy Impact Test up to -196 degree Celsius	ASTM E23
210.	Bars/ Wires/ Sheets/ Structural Steel/ Tubular Steel/ TMT/ Fasteners/ Bolt Beam/ Column/ Channel/ Rail Plates/ Section/ Rod/ Pipe/ Welded Component/ Fitting/ Round Bar/ Valves	Charpy Impact Test up to -196 degree Celsius	IS 13620 : 1993
211.		Charpy Impact Test up to -196 degree Celsius	IS 14246 : 2024
212.		Charpy Impact Test up to -196 degree Celsius	1757 (Part 1) : 2020
213.		Izod Impact Test	IS 1598 : 2024
214.		Izod Impact Test	BSEN ISO 148
215.		Flow Test	OIML 4117
216.		Flow Test	OIML R 49
217.	Fasteners	Flow Test	IS 6786 : 2024
218.		Surface Integrity	IS 1363 (Part 3) : 2018
219.		Surface Integrity	IS 1367 (Part 9) Sec 1 : 1993
220.		Surface Integrity	IS 1363(Part 1) : 2023

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

www.qai.org.in



14 of 44

Quality And Accreditation Institute

Centre for International Accreditation

(formerly Centre for Laboratory Accreditation)



Scope of Accreditation

JBS Testing Solutions (Unit 2)

Plot no.24, Street No. 2, Adjoining Focal Point Road, Transport Nagar
Jalandhar-144004, Punjab, India

QAI/CIA/TL/2023/0005

Date of First Accreditation: 13 February 2023-12 February 2025

Valid from: 13 February 2025

Valid until: 12 February 2027

Accreditation Standard: ISO/IEC 17025:2017

Mechanical Testing			
Sl. No.	Product(s)/Material of Test	Specific Tests Performed	Test Method
	Mechanical Properties of Metals		
221.		Surface Integrity	IS 1367 (Part 10) : 2002
222.	Valves	Pneumatic Test	IS 9890 : 1981
223.	Valves/Fittings	Endurance Test (Cycle Test)	JBSTS(U2)/SOP/M/016
224.		Drift Expansion	IS 2335:2005
225.	TMT	Pull out test	IS 2770 (Part-1) : 1967
226.		Mean Projected Area of Ribs per Unit Length	IS 16651 : 2017
227.		Mean Projected Area of Ribs per Unit Length	IS 1786 : 2008
228.	Handle and handle assemblies attached to cookware	Heat Resistance	IS 13395 : 2021
229.		Washing Resistance	IS 13395 : 2021
230.		Burning Resistance	IS 13395 : 2021
231.	TMT	Mean Projected Area of transverse Ribs	IS 1786 : 2008
232.		Mean Projected Area of transverse Ribs	IS 16651 : 2017



Quality And Accreditation Institute

Centre for International Accreditation

(formerly Centre for Laboratory Accreditation)



Scope of Accreditation

JBS Testing Solutions (Unit 2)

Plot no.24, Street No. 2, Adjoining Focal Point Road, Transport Nagar
Jalandhar-144004, Punjab, India

QAI/CIA/TL/2023/0005

Date of First Accreditation: 13 February 2023-12 February 2025

Valid from: 13 February 2025

Valid until: 12 February 2027

Accreditation Standard: ISO/IEC 17025:2017

Mechanical Testing			
Sl. No.	Product(s)/Material of Test	Specific Tests Performed	Test Method
	Mechanical Properties of Metals		
233.		The Ribs Contributing the Projected Area (Longitudinal Ribs/ Transverse Ribs)	IS 16651 : 2017
234.		The Ribs Contributing the Projected Area (Longitudinal Ribs/ Transverse Ribs)	IS 1786 : 2008
235.	TMT	Total Elongation at maximum force/Percentage Elongation at maximum force	IS 16651 : 2017
236.		Total Elongation at maximum force/Percentage Elongation at maximum force	IS 1786 : 2008
237.	Handle and handle assemblies attached to	Bending test	13395 : 2021
238.	cookware	Torque Strength	13395 : 2021
239.		Visual Inspection/ Surface Characteristics	IS 16651 : 2017
240.	TMT	Visual Inspection/ Surface Characteristics	IS 1786 : 2008
241.		Leakage and thermal insulation test	IS 13395 : 2021

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

www.qai.org.in



16 of 44

Quality And Accreditation Institute

Centre for International Accreditation

(formerly Centre for Laboratory Accreditation)



Scope of Accreditation

JBS Testing Solutions (Unit 2)

Plot no.24, Street No. 2, Adjoining Focal Point Road, Transport Nagar
Jalandhar-144004, Punjab, India

QAI/CIA/TL/2023/0005

Date of First Accreditation: 13 February 2023-12 February 2025

Valid from: 13 February 2025

Valid until: 12 February 2027

Accreditation Standard: ISO/IEC 17025:2017

Mechanical Testing			
Sl. No.	Product(s)/Material of Test	Specific Tests Performed	Test Method
	Mechanical Properties of Metals		
242.	Handle and handle assemblies attached to cookware	Resistance to burning	IS 13395 : 2021
243.	Fastner/ Valves/ Fittings	Thread	IS 4270 : 2001
244.	Fastner/ Valves/ Fittings	Thread	IS 2643 : 2005
245.		Thread	IS 14962 (Part 1) : 2018
246.		Thread	IS 2334 : 2001
247.		Thread	IS 4218(Part 3) : 1999
248.		Thread	IS 8999 : 2003
249.		Thread	IS 554 : 1999
250.	Handle and handle assemblies attached to cookware	Bending strength test	IS 13395 : 2021
251.		Torque test	IS 13395 : 2021
252.		Impact strength test	IS 13395 : 2021
253.	Bars/ Wires/ Sheets/	Mass	IS 1730 : 1989
254.	Structural Steel/ Tabular Steel/ TMT/ Fasteners/ Bolt	Mass	IS 14268 : 2022
255.	Beam/ Column/ Channel/	Mass	IS 1732 : 1989

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

www.qai.org.in



17 of 44

Quality And Accreditation Institute

Centre for International Accreditation

(formerly Centre for Laboratory Accreditation)



Scope of Accreditation

JBS Testing Solutions (Unit 2)

Plot no.24, Street No. 2, Adjoining Focal Point Road, Transport Nagar
Jalandhar-144004, Punjab, India

QAI/CIA/TL/2023/0005

Date of First Accreditation: 13 February 2023-12 February 2025

Valid from: 13 February 2025

Valid until: 12 February 2027

Accreditation Standard: ISO/IEC 17025:2017

Mechanical Testing			
Sl. No.	Product(s)/Material of Test	Specific Tests Performed	Test Method
	Mechanical Properties of Metals		
256.	Rail Plates/ Section/ Rod/ Pipe/ Welded Component/ Fitting/ Round Bar/ Valves	Mass	IS 9295 : 2024
257.		Mass	IS 1161 : 2014
258.		Mass	IS 1239 (Part 1) : 2004
259.	Bars/ Wires/ Sheets/ Structural Steel/ Tabular Steel/ TMT/ Fasteners/ Bolt Beam/ Column/ Channel/ Rail Plates/ Section/ Rod/ Pipe/ Welded Component/ Fitting/ Round Bar/ Valves	Mass	IS 2062 : 2011
260.		Mass	IS 13630 (Part 1) : 2019
261.		Mass	IS 808 : 2021
262.		Mass	IS 781 : 1984
263.		Mass	IS 8794 : 1988
264.		Mass	IS 704 : 1984
265.		Mass	IS 3063 : 1994
266.		Mass	IS 9523 : 2000
267.		Mass	IS 3601 : 2006
268.		Mass	IS 4923 : 2017
269.		Mass	IS 1732 : 1989
270.		Mass	IS 278 : 2009
271.		Mass	IS 277 : 2018
272.		Mass	IS 4923 : 2017

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

www.qai.org.in



18 of 44

Quality And Accreditation Institute

Centre for International Accreditation

(formerly Centre for Laboratory Accreditation)



Scope of Accreditation

JBS Testing Solutions (Unit 2)

Plot no.24, Street No. 2, Adjoining Focal Point Road, Transport Nagar
Jalandhar-144004, Punjab, India

QAI/CIA/TL/2023/0005

Date of First Accreditation: 13 February 2023-12 February 2025

Valid from: 13 February 2025

Valid until: 12 February 2027

Accreditation Standard: ISO/IEC 17025:2017

Mechanical Testing			
Sl. No.	Product(s)/Material of Test	Specific Tests Performed	Test Method
	Mechanical Properties of Metals		
273.		Mass	IS 7452 : 1990
274.		Mass	IS 1536 : 2023
275.		Mass	IS 1538 : 1993
276.	Bars/ Wires/ Sheets/ Structural Steel/ Tabular	Mass	IS 1729 : 2023
277.	Steel/ TMT/ Fasteners/ Bolt Beam/ Column/ Channel/	Mass	IS 1825 : 1983
278.	Rail Plates/ Section/ Rod/ Pipe/ Welded Component/	Mass	IS 3989 : 2024, IS 5531 : 2014, IS 7181 : 1986
279.	Fitting/ Round Bar/ Valves	Mass	IS 432 (Part 1) : 1982
280.	Handle and handle assemblies attached to cookware	Fatigue test	IS 13395 : 2021
281.		Construction	IS 13395 : 2021
282.	Steel tubes/ Pipe	Flattening Test	IS 2328 : 2018
283.		Flattening Test	ASTM A 1016/1016M-a
284.		Flattening Test	ASTM A 450/450M-a
285.		Flattening Test	ASTM A 530/530M-a
286.		Flattening Test	ASTM E 370
287.		Flattening Test	IS 2328 : 2018
288.		Flattening Test	ISO 8492

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

www.qai.org.in



19 of 44

Quality And Accreditation Institute

Centre for International Accreditation

(formerly Centre for Laboratory Accreditation)



Scope of Accreditation

JBS Testing Solutions (Unit 2)

Plot no.24, Street No. 2, Adjoining Focal Point Road, Transport Nagar
Jalandhar-144004, Punjab, India

QAI/CIA/TL/2023/0005

Date of First Accreditation: 13 February 2023-12 February 2025

Valid from: 13 February 2025

Valid until: 12 February 2027

Accreditation Standard: ISO/IEC 17025:2017

Mechanical Testing			
Sl. No.	Product(s)/Material of Test	Specific Tests Performed	Test Method
	Mechanical Properties of Metals		
289.	TMT	TS/YS Ratio	IS 1786 : 2008
290.		TS/YS Ratio	IS 16651 : 2017
291.		Maximum Extension	IS 16651 : 2017
292.	TMT	Maximum Extension	IS 1786 : 2008
293.	Stainless steel Utensils	Dimension	IS 14756 : 2024
294.	Aluminium steel Utensils	Dimension	IS 1660 : 2024
295.	Stainless steel Utensils	Staining Test	IS 14756 : 2024



Quality And Accreditation Institute

Centre for International Accreditation

(formerly Centre for Laboratory Accreditation)



Scope of Accreditation

JBS Testing Solutions (Unit 2)

Plot no.24, Street No. 2, Adjoining Focal Point Road, Transport Nagar
Jalandhar-144004, Punjab, India

QAI/CIA/TL/2023/0005

Date of First Accreditation: 13 February 2023-12 February 2025

Valid from: 13 February 2025

Valid until: 12 February 2027

Accreditation Standard: ISO/IEC 17025:2017

Mechanical Testing			
Sl. No.	Product(s)/Material of Test	Specific Tests Performed	Test Method
	Building, Infrastructure and Construction Materials		
1.	Float Glass	Defects on cut side	IS 14900: 2018
2.		Dimension (Length / Width)	IS 14900: 2018
3.		Optical fault: Critical Viewing Angle	IS 14900: 2018
4.		Thickness	IS 14900: 2018
5.		Tin side detection by UV light	IS 14900: 2018
6.		Visual Faults	IS 14900: 2018
7.	Safety Glass for Architectural, building and General Uses	Defects in Central Area	Sec. 5.3.6 of IS 2553(Part 1): 2018
8.		Dimensional (Length & Width)	Sec. 5.2 of IS 2553(Part 1): 2018
9.		Dimensional (Thickness)	Sec.5.1 of IS 17004: 2018
10.		Edge Working of Glass for Toughening	Sec. 5.2.9 of IS 2553(Part 1): 2018
11.		Fabrication of Glass	Sec. 5.2.8 of IS 2553(Part 1) : 2018
12.		Flatness	Sec. 5.2.4 of IS 2553(Part 1) : 2018
13.		Fragmentation Test	Sec.6.1 of IS 17004: 2018
14.		Resistance to human impact	Sec. 6.4 of IS 17004: 2018
15.		Mechanical Strength	Sec. 6.3 of IS 17004: 2018

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

www.qai.org.in



21 of 44

Quality And Accreditation Institute

Centre for International Accreditation

(formerly Centre for Laboratory Accreditation)



Scope of Accreditation

JBS Testing Solutions (Unit 2)

Plot no.24, Street No. 2, Adjoining Focal Point Road, Transport Nagar
Jalandhar-144004, Punjab, India

QAI/CIA/TL/2023/0005

Date of First Accreditation: 13 February 2023-12 February 2025

Valid from: 13 February 2025

Valid until: 12 February 2027

Accreditation Standard: ISO/IEC 17025:2017

Mechanical Testing			
Sl. No.	Product(s)/Material of Test	Specific Tests Performed	Test Method
	Building, Infrastructure and Construction Materials		
16.		Resistance to Impact (Resistance to Shock)	Sec. 6.2.1 of IS 17004: 2018
17.		Fracture and Adhesion Test	6.2.2 of IS 17004: 2018
18.		Boil Test	7.1.1 of IS 17004: 2018
19.		Bake Test	7.1.2 of IS 17004: 2018
20.		Humidity Test	7.2 of IS 17004: 2018
21.		Light Stability Test: a) Discoloration, Blister and Turbidity	7.6 of IS 17004: 2018
22.		Light Stability Test: b) Reduction ratio (I)	7.6 of IS 17004: 2018
23.		Squareness	Sec. 5.2 of IS 2553 (Part 1) : 2018
24.		Distribution of allowable defects	Sec. 4.4 and 4.5 of IS 14900: 2018
25.		Working on Glass after Lamination	Sec. 5.3.9 of IS 2553 (Part 1) : 2018
26.	Safety Glass for Road Transport	Dimensional Check	IS 2553(Part 2):2019
27.		Fragmentation Test	Sec. 6.2 of IS : 2553 (Part 2):2019
28.		Head Form Test	Sec. 6.5 of IS : 2553 (Part 2) : 2019

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

www.qai.org.in



22 of 44

Quality And Accreditation Institute

Centre for International Accreditation

(formerly Centre for Laboratory Accreditation)



Scope of Accreditation

JBS Testing Solutions (Unit 2)

Plot no.24, Street No. 2, Adjoining Focal Point Road, Transport Nagar
Jalandhar-144004, Punjab, India

QAI/CIA/TL/2023/0005

Date of First Accreditation: 13 February 2023-12 February 2025

Valid from: 13 February 2025

Valid until: 12 February 2027

Accreditation Standard: ISO/IEC 17025:2017

Mechanical Testing			
Sl. No.	Product(s)/Material of Test	Specific Tests Performed	Test Method
	Building, Infrastructure and Construction Materials		
29.	Sheet Glass	Marking	Sec. 4.1 and 9.2 of IS : 2553 (Part 2)
30.		227 g Ball Test	Sec. 6.3 of IS : 2553 (Part 2) : 2019
31.		2.260 g Ball Test	Sec. 6.4 of IS : 2553 (Part 2) : 2019
32.		Test of Resistance to Humidity	Sec. 6.9 of IS : 2553 (Part 2) : 2019
33.		Light Transmittance Test	Sec. 6.11, IS : 2553 (Part 2) : 2019
34.		Resistance to Temperature Change	Sec. 6.10, IS : 2553 (Part 2) : 2019
35.		Bow	Sec. 5.3 of IS 2835:1987
36.		Dimension (Length / Width)	Sec. 4.2, 4.2.1 of IS 2835:1987
37.		Distribution of allowable defects	Sec. 4.3, 4.3.1 of IS 2835:1987
38.		Material (Visual)	Sec. 4.1, 4.1.1 of IS 2835:1987
39.	Sheet Glass	Thickness	Sec. 5.1, Appendix-B of IS 2835:1987
40.		Waviness	Appendix-A of IS 2835:1987
41.	Transparent Float Glass	Visual Light Transmittance	ANNEX B of IS 14900: 2018
42.	Paver Blocks	Dimensions	IS 15658: 2021

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

www.qai.org.in



23 of 44

Quality And Accreditation Institute

Centre for International Accreditation

(formerly Centre for Laboratory Accreditation)



Scope of Accreditation

JBS Testing Solutions (Unit 2)

Plot no.24, Street No. 2, Adjoining Focal Point Road, Transport Nagar
Jalandhar-144004, Punjab, India

QAI/CIA/TL/2023/0005

Date of First Accreditation: 13 February 2023-12 February 2025

Valid from: 13 February 2025

Valid until: 12 February 2027

Accreditation Standard: ISO/IEC 17025:2017

Mechanical Testing			
Sl. No.	Product(s)/Material of Test	Specific Tests Performed	Test Method
	Building, Infrastructure and Construction Materials		
43.		General Quality and Finish	IS 15658: 2021
44.		Tensile Splitting Strength	IS 15658: 2021
45.		Flexural Strength	IS 15658: 2021
46.		Abrasion Resistance	IS 15658: 2021
47.		Water Absorption	IS 15658: 2021
48.		Compressive Strength	IS 15658: 2021
49.		Freeze thaw durability	IS 15658: 2021
50.	Concrete Cube	Compressive Strength	IS 516 (Part 1/Sec 1):2021
51.	Valves, Fittings & Pipes	Hydrostatic Test	IS 781: 1984
52.		Hydrostatic Test	IS 5290:1993
53.		Hydrostatic Test	IS 884:1985
54.		Hydrostatic Test	IS 903:1993
55.		Hydrostatic Test	IS 1538:1993
56.		Hydrostatic Test	IS 13095:2020
57.		Hydrostatic Test	IS 1729:2023
58.		Hydrostatic Test	IS 2692:1989

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

www.qai.org.in



24 of 44

Quality And Accreditation Institute

Centre for International Accreditation

(formerly Centre for Laboratory Accreditation)



Scope of Accreditation

JBS Testing Solutions (Unit 2)

Plot no.24, Street No. 2, Adjoining Focal Point Road, Transport Nagar
Jalandhar-144004, Punjab, India

QAI/CIA/TL/2023/0005

Date of First Accreditation: 13 February 2023-12 February 2025

Valid from: 13 February 2025

Valid until: 12 February 2027

Accreditation Standard: ISO/IEC 17025:2017

Mechanical Testing			
Sl. No.	Product(s)/Material of Test	Specific Tests Performed	Test Method
	Building, Infrastructure and Construction Materials		
59.		Hydrostatic Test	IS 5312 (Part 1):2004
60.		Hydrostatic Test	IS 5531:2014
61.		Hydrostatic Test	IS 7181:1986
62.		Hydrostatic Test	IS 778:1984
63.		Hydrostatic Test	IS 779:1994
64.		Hydrostatic Test	IS 8329:2000
65.		Hydrostatic Test	IS 8794: 1988
66.		Hydrostatic Test	IS 8931:2021
67.		Hydrostatic Test	IS 9523:2000
68.		Hydrostatic Test	IS 9890:1981
69.		Hydrostatic Test	IS 1536:2023
70.		Hydrostatic Test	IS 1239 (Part 2): 2011
71.		Hydrostatic Test	IS 1879: 2010
72.		Hydrostatic Test	IS 1239 – 1: 2004
73.		Hydrostatic Test	IS 210: 2009
74.		Hydrostatic Test	IS 2373: 1981
75.		Hydrostatic Test	IS 10325: 2000



Quality And Accreditation Institute

Centre for International Accreditation

(formerly Centre for Laboratory Accreditation)



Scope of Accreditation

JBS Testing Solutions (Unit 2)

Plot no.24, Street No. 2, Adjoining Focal Point Road, Transport Nagar
Jalandhar-144004, Punjab, India

QAI/CIA/TL/2023/0005

Date of First Accreditation: 13 February 2023-12 February 2025

Valid from: 13 February 2025

Valid until: 12 February 2027

Accreditation Standard: ISO/IEC 17025:2017

Mechanical Testing			
Sl. No.	Product(s)/Material of Test	Specific Tests Performed	Test Method
	Water Meter		
1.	Water meter	Metering Accuracy Test Life Test (Accelerated Endurance Test)	Sec 6.1 of IS 6784:1996
2.		Hydrostatic Test (Pressure Tightness Test)	Sec 7 of IS 6784:1996
3.		Loss of Pressure Test	Sec 6.2 of IS 6784:1996
4.		Minimum Starting Flow Rate (Qmin)	Sec 6.1 of IS 6784:1996
5.		Temperature Suitability Test	Sec. 8 of IS 6784 : 1996:1996
6.		Meter Size and Overall Construction Indicating Device IP 66, IP 67, IP 68	Sec. 9 of IS 779 : 1994 Sec. 7 of IS 779 : 1994 Sec. 8 of IS 779 : 1994 IEC 60529 : 2013



Quality And Accreditation Institute

Centre for International Accreditation

(formerly Centre for Laboratory Accreditation)



Scope of Accreditation

JBS Testing Solutions (Unit 2)

Plot no.24, Street No. 2, Adjoining Focal Point Road, Transport Nagar
Jalandhar-144004, Punjab, India

QAI/CIA/TL/2023/0005

Date of First Accreditation: 13 February 2023-12 February 2025

Valid from: 13 February 2025

Valid until: 12 February 2027

Accreditation Standard: ISO/IEC 17025:2017

Mechanical Testing			
Sl. No.	Product(s)/Material of Test	Specific Tests Performed	Test Method
	Rubber and Rubber Products		
1.	Rubber Hawai Chappal	Breaking Strength	Annexure-G, IS 10702 : 2023
2.		Change in initial Hardness after accelerated ageing for 24 hour at 100 +/- 1°C	IS 3400 (Part 2): 2023 and IS 3400 (Part 4): 2012
3.		Compression Set	IS 10702 : 2023
4.		Elongation	IS 10702 : 2023
5.		Hardness	IS 10702 : 2023
6.		Relative Density	IS 10702 : 2023
7.		Shrinkage at Heat	IS 10702 : 2023
8.		Shrinkage at room temp	IS 10702 : 2023
9.		Split Tear strength	IS 10702 : 2023
10.		Stud Bolt Diameter	IS 10702 : 2023
11.		Tear Strength	IS 10702 : 2023
12.		Tensile Strength	IS 10702 : 2023
13.		Length	IS 10702 : 2023
14.		Stud Bolt Thickness	IS 10702 : 2023
15.	Slipper, rubber - Rubber components	Breaking Load	IS 11544 : 1986

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

www.qai.org.in



27 of 44

Quality And Accreditation Institute

Centre for International Accreditation

(formerly Centre for Laboratory Accreditation)



Scope of Accreditation

JBS Testing Solutions (Unit 2)

Plot no.24, Street No. 2, Adjoining Focal Point Road, Transport Nagar
Jalandhar-144004, Punjab, India

QAI/CIA/TL/2023/0005

Date of First Accreditation: 13 February 2023-12 February 2025

Valid from: 13 February 2025

Valid until: 12 February 2027

Accreditation Standard: ISO/IEC 17025:2017

Mechanical Testing			
Sl. No.	Product(s)/Material of Test	Specific Tests Performed	Test Method
	Rubber and Rubber Products		
16.	Slipper, rubber - Rubber components	Change in initial Hardness after accelerated ageing for 24 hour at 100 +/- 1°C	IS 3400 (Part 2): 2023 and IS 3400 (Part 4): 2012
17.		Ends	IS 11544 : 1986
18.		Flexural Endurance	Appendix-B, IS 11544 : 1986
19.		Hardness	IS 11544 : 1986
20.		Lace Length	IS 11544 : 1986
21.		Mass/meter	IS 11544 : 1986
22.		Picks	IS 11544 : 1986
23.		Relative Density	IS 3400 (Part 9): 2020
24.		Shape & Design	IS 11544 : 1986
25.		Thickness	IS 11544 : 1986
26.		Width	IS 11544 : 1986
27.		Workmanship & Finish	IS 11544 : 1986



Quality And Accreditation Institute

Centre for International Accreditation

(formerly Centre for Laboratory Accreditation)



Scope of Accreditation

JBS Testing Solutions (Unit 2)

Plot no.24, Street No. 2, Adjoining Focal Point Road, Transport Nagar
Jalandhar-144004, Punjab, India

QAI/CIA/TL/2023/0005

Date of First Accreditation: 13 February 2023-12 February 2025

Valid from: 13 February 2025

Valid until: 12 February 2027

Accreditation Standard: ISO/IEC 17025:2017

Electrical Testing			
Sl. No.	Product(s)/Material of Test	Specific Tests Performed	Test Method
	Rotating Electrical Machines		
1.	Rotating Electrical Machines / Electrical Machines Submersible Pump sets	Direction of rotation	IS 8034:2018 Cl. 8.7
2.		High Voltage test	IS 8034 :2018 Cl. 9.3/ IS 9283:2024 Cl.20
3.		Insulation resistance test	IS 8034 :2018 Cl.9.2/ IS 9283:2024 Cl.21
4.		Leakage current test	IS 8034:2018 Cl.9.4/ IS 9283:2024 Cl.23
5.		Locked rotor test	IS 8034:2018 Cl.9.10(f) / IS 9283:2024 Cl.16.1(f)
6.		Measurement of stator resistance	IS 9283: 2024 Cl.16.1(c) / IS 8034:2018 Cl.9.10(c)
7.		No load running of motor (Current, Frequency, Power, Speed, Voltage)	IS 8034:2018 Cl.9.10.(d) / IS 9283:2024 Cl.16.1(d)
8.		Surface finish of shaft or roughness testing	IS 8034:2018 Cl.8.4.2
9.		Hydrostatic test	IS 8034:2018 Cl.10.3
10.		Pump performance test (Current, Discharge, Pressure, Flow, Frequency, Power, Speed, Suction Pressure, Voltage)	IS 8034:2018 Cl.11
11.		Marking	IS 8034:2018 Cl.14 & Cl 8.8

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

www.qai.org.in



29 of 44

Quality And Accreditation Institute

Centre for International Accreditation

(formerly Centre for Laboratory Accreditation)



Scope of Accreditation

JBS Testing Solutions (Unit 2)

Plot no.24, Street No. 2, Adjoining Focal Point Road, Transport Nagar
Jalandhar-144004, Punjab, India

QAI/CIA/TL/2023/0005

Date of First Accreditation: 13 February 2023-12 February 2025

Valid from: 13 February 2025

Valid until: 12 February 2027

Accreditation Standard: ISO/IEC 17025:2017

Electrical Testing			
Sl. No.	Product(s)/Material of Test	Specific Tests Performed	Test Method
	Rotating Electrical Machines		
12.	Rotating Electrical Machines / Electrical Machines Submersible Pump sets	Balancing of rotor and impeller	IS 8034:2018 Cl.8
13.		Temperature rise test at rated voltage	IS 8034:2018 Cl. 9.5.2 / IS 9283: 2024 Cl.16.1(j)
14.		Temperature rise test at reduced voltage	IS 8034:2018 Cl.9.5.3 / IS 9283:2024 Cl.16.1(k)
15.		Dimension test	IS 8034:2018 / IS 9283:2024
16.		Breakaway/Starting Torque (Current, Power, Torque, Voltage)	IS 14220:2018 Cl.14.7
17.		Cable-Size & Length	IS 14220:2018 Cl.1.12
18.		Constructional Features	IS 14220:2018 Cl.7,8,10
19.		Design Features	IS 14220:2018 Cl.8
20.		Direction of Rotation	IS 14220:2018 Cl.10.7
21.		Earthing	IS 14220:2018 Cl.10.6
22.		General Requirements	IS 14220:2018 Cl.10
23.		Hydrostatic Pressure Test	IS 14220:2018 Cl.15.5
24.		Marking	IS 14220:2018 Cl.18.1
25.		Method of cooling	IS 14220:2018 Cl. 14

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

www.qai.org.in



30 of 44

Quality And Accreditation Institute

Centre for International Accreditation

(formerly Centre for Laboratory Accreditation)



Scope of Accreditation

JBS Testing Solutions (Unit 2)

Plot no.24, Street No. 2, Adjoining Focal Point Road, Transport Nagar
Jalandhar-144004, Punjab, India

QAI/CIA/TL/2023/0005

Date of First Accreditation: 13 February 2023-12 February 2025

Valid from: 13 February 2025

Valid until: 12 February 2027

Accreditation Standard: ISO/IEC 17025:2017

Electrical Testing			
Sl. No.	Product(s)/Material of Test	Specific Tests Performed	Test Method
	Rotating Electrical Machines		
26.	Rotating Electrical Machines / Electrical Machines Submersible Pump sets	Surface Roughness Test	IS 14220:2018 Cl.5.5
27.		Temperature Rise Test at Rated Voltage (Temperature, Resistance)	IS 14220:2018 Cl.14.6.5
28.		Temperature Rise Test at Reduced Voltage (Temperature, Resistance)	IS 14220:2018 Cl.14.6.6
29.		Pump Performance Test (Current, Discharge Pressure, Flow, Frequency, Power, Voltage)	IS 14220:2018 Cl.14, 15, 16, IS 11346
30.		High Voltage Test	IS 14220:2018 Cl.14.4, IS 9283:2024 Cl.20
31.		Insulation Resistance Test	IS 14220:2018 Cl.14.3, IS 9283:2024 Cl.21
32.		Leakage Current Test	IS 14220:2018 Cl.14.5, IS 9283:2024 Cl.23
33.		Locked Rotor Test (Current, Power, Torque, Voltage)	IS 14220:2018 Cl.14.10.1, 14.7, IS 9283:2024 Cl.16.1(f)
34.		Measurement of Stator Resistance (Resistance, Temperature)	IS 14220:2018 Cl.14.10.1(c), IS 9283:2024 Cl.16.1(c)
35.		Momentary Overload Test	IS 14220:2018 Cl.14.1.1, IS 9283:2024 Cl.16.1(m)

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

www.qai.org.in



31 of 44

Quality And Accreditation Institute

Centre for International Accreditation

(formerly Centre for Laboratory Accreditation)



Scope of Accreditation

JBS Testing Solutions (Unit 2)

Plot no.24, Street No. 2, Adjoining Focal Point Road, Transport Nagar
Jalandhar-144004, Punjab, India

QAI/CIA/TL/2023/0005

Date of First Accreditation: 13 February 2023-12 February 2025

Valid from: 13 February 2025

Valid until: 12 February 2027

Accreditation Standard: ISO/IEC 17025:2017

Electrical Testing			
Sl. No.	Product(s)/Material of Test	Specific Tests Performed	Test Method
	Rotating Electrical Machines		
36.	Rotating Electrical Machines / Electrical Machines Submersible Pump sets	No Load Test (Current, Frequency, Power, Speed, Voltage)	IS 14220:2018 Cl.14.10.1(d), IS 9283:2024 Cl.16.1(d)
37.		Reduced Voltage Running Up Test(Speed, Voltage)	IS 14220:2018 Cl.14.10.1(e), IS 9283:2024 Cl.16.1(e), IS 8034: 2018
38.		Terminal Marking	IS 14220:2018 Cl.10.7
39.		Impeller and Rotor Balancing (Horizontal - Left Right, Vertical)	IS 14220:2018 Cl.10, IS/ISO 21940:Part11, 9283: 2013
40.		Design Features	IS 6595 (Part 1) : 2018 Cl.8
41.		Design Features	IS 14220:2018 Cl.8
42.		Direction of Rotation	IS 6595 (Part 1) : 2018 Cl.7
43.		General Requirements	IS 6595 (Part 1) : 2018 Cl.9
44.		Hydrostatic Pressure Test	IS 6595 (Part 1) : 2018
45.		Marking	IS 6595 (Part 1) : 2018 Cl.14
46.		Material of Construction	IS 6595 (Part 1) : 2018 Cl.1.6
47.		Noise Test	IS 6595): 2018 (Part 1)
48.		Pump Performance (Current, Discharge Pressure, Flow, Frequency, Power, Speed, Suction Pressure, Voltage))	IS 6595 (Part 1):2018, IS 11346

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

www.qai.org.in



32 of 44

Quality And Accreditation Institute

Centre for International Accreditation

(formerly Centre for Laboratory Accreditation)



Scope of Accreditation

JBS Testing Solutions (Unit 2)

Plot no.24, Street No. 2, Adjoining Focal Point Road, Transport Nagar
Jalandhar-144004, Punjab, India

QAI/CIA/TL/2023/0005

Date of First Accreditation: 13 February 2023-12 February 2025

Valid from: 13 February 2025

Valid until: 12 February 2027

Accreditation Standard: ISO/IEC 17025:2017

Electrical Testing			
Sl. No.	Product(s)/Material of Test	Specific Tests Performed	Test Method
	Rotating Electrical Machines		
49.	Rotating Electrical Machines / Electrical Machines Submersible Pump sets	Impeller Balancing	IS 6595 (Part 1: 2018 Cl.9.2), IS/ISO 21940: Part11
50.		Vibration Test	IS 6595 (Part 1): 2018, IS/ISO 5199
51.		Breakaway/Starting Torque(Current, Power, Torque, Voltage)	IS 8034:2018 Cl.9.7
52.		Cable-Size & Length	IS 8034:2018 Cl.8.6.2
53.		Constructional Features	IS 8034:2018 Cl.6
54.		Design Features	IS 8034:2018 Cl.7
55.		Earthing	IS 8034:2018 Cl.8.9.4/ IS 9283:2024 Cl.5.2
56.		General Requirements	IS 8034:2018 Cl.8
57.		Method of cooling	IS 8034:2018 / IS 9283:2024 Cl.16.1,19
58.		Surface Roughness Test	IS 8034:2018 Cl.5.5
59.		High Voltage Test	IS 8034:2018 Cl.9.3, IS 9283:2024 Cl.2.0
60.		Momentary Overload Test	IS 8034:2018, IS 9283:2024
61.		Reduced Voltage Running Up Test(Speed, Voltage)	IS 8034:2018 Cl.9.10(q), IS 9283:2024 Cl.16.1(q)

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

www.qai.org.in



33 of 44

Quality And Accreditation Institute

Centre for International Accreditation

(formerly Centre for Laboratory Accreditation)



Scope of Accreditation

JBS Testing Solutions (Unit 2)

Plot no.24, Street No. 2, Adjoining Focal Point Road, Transport Nagar
Jalandhar-144004, Punjab, India

QAI/CIA/TL/2023/0005

Date of First Accreditation: 13 February 2023-12 February 2025

Valid from: 13 February 2025

Valid until: 12 February 2027

Accreditation Standard: ISO/IEC 17025:2017

Electrical Testing			
Sl. No.	Product(s)/Material of Test	Specific Tests Performed	Test Method
	Rotating Electrical Machines		
62.	Rotating Electrical Machines / Electrical Machines Submersible Pump sets	Marking	IS 8034:2018 Cl.8.8, IS/IEC 60034-8
63.		Impeller and Rotor Balancing (Horizontal - Left Right, Vertical)	IS 8034:2018 Cl.8.3,8.5.1,8.5.2, IS/ISO 21940: Part 11
64.		Design Features	IS 8472:2019 Cl.10
65.		Direction of Rotation	IS 8472:2019 Cl.8
66.		General Requirements	IS 8472:2019 Cl.11
67.		Hydrostatic Pressure Test	IS 8472:2019 Cl.12.3
68.		Marking	IS 8472:2019 Cl.16
69.		Material of Construction	IS 8472:2019 Cl.7
70.		Self-priming Test	IS 8472:2019 Cl.3.2.2
71.		Temperature Rise Test at Rated Voltage (Resistance, Temperature)	IS 8472:2019 Cl.13
72.		Temperature Rise Test at Reduced Voltage (Resistance, Temperature)	IS 8472:2019 Cl.13
73.		Pump Performance Test (Current, Discharge Pressure, Flow, Frequency, Power, Speed, Suction Pressure, Voltage)	IS 8472:2019 Cl.15, IS 11346:2002

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

www.qai.org.in



34 of 44

Quality And Accreditation Institute

Centre for International Accreditation

(formerly Centre for Laboratory Accreditation)



Scope of Accreditation

JBS Testing Solutions (Unit 2)

Plot no.24, Street No. 2, Adjoining Focal Point Road, Transport Nagar
Jalandhar-144004, Punjab, India

QAI/CIA/TL/2023/0005

Date of First Accreditation: 13 February 2023-12 February 2025

Valid from: 13 February 2025

Valid until: 12 February 2027

Accreditation Standard: ISO/IEC 17025:2017

Electrical Testing			
Sl. No.	Product(s)/Material of Test	Specific Tests Performed	Test Method
	Rotating Electrical Machines		
74.	Rotating Electrical Machines/ Centrifugal Regenerative Pumps	Reduced Voltage Running Up Test(Speed, Voltage)	IS 8472:2019, IS 7538: :1996 Cl.24.2
75.		Breakaway/Starting Torque(Current, Power, Torque, Voltage)	IS 8472:2019 Cl.15.4, IS 7538:1996, IS 14582:2021
76.		Full Load Performance for Motor(Current, Frequency, Power, Speed,, Torque, Voltage)	IS 8472:2019 Cl.15.4, IS 7538:1996, IS 14582:2021
77.		High Voltage Test	IS 8472:2019 Cl.13.1.2.1.2, 13.2.2.1.2, IS 7538:1996 Cl.25, IS 14582:2021
78.		Insulation Resistance Test	IS 8472:2019, IS 7538:1996 Cl.26, IS 14582:2021
79.		Locked Rotor Test(Current, Power, Torque, Voltage)	IS 8472:2019, IS 7538:1996 Cl.24.3, IS 14582:2021
80.		Measurement of Stator Resistance(Resistance, Temperature)	IS 8472:2019, IS 7538:1996 CL.22.3, IS 14582:2021
81.		No Load Test(Current, Frequency, Power, Speed, Voltage)	IS 8472:2019, IS 7538:1996 Cl.24.1, IS 14582:2021
82.		Ingress Protection (IP44) Test	IS 8472, IS/IEC 60034-5

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

www.qai.org.in



35 of 44

Quality And Accreditation Institute

Centre for International Accreditation

(formerly Centre for Laboratory Accreditation)



Scope of Accreditation

JBS Testing Solutions (Unit 2)

Plot no.24, Street No. 2, Adjoining Focal Point Road, Transport Nagar
Jalandhar-144004, Punjab, India

QAI/CIA/TL/2023/0005

Date of First Accreditation: 13 February 2023-12 February 2025

Valid from: 13 February 2025

Valid until: 12 February 2027

Accreditation Standard: ISO/IEC 17025:2017

Electrical Testing			
Sl. No.	Product(s)/Material of Test	Specific Tests Performed	Test Method
	Rotating Electrical Machines		
83.	Rotating Electrical Machines / Temperature Rise at Limiting Value of Voltage & Frequency Pumps	Constructional Features	IS 9079:2018 Cl.7
84.	Rotating Electrical Machines/ Monoset Pumps	Design Features	IS 9079:2018 Cl.9
85.		Direction of Rotation Design Features	IS 9079:2018 Cl.10.6
86.		Earthing	IS 9079:2018 Cl.10.5
87.		General Requirements	IS 9079:2018 Cl.10
88.		Hydrostatic Pressure Test	IS 9079:2018 Cl.12.6
89.		Marking	IS 9079:2018 Cl.145
90.		Method of cooling	IS 9079:2018 Cl.11
91.		Reduced Voltage Running Up Test(Speed, Voltage)	IS 9079:2018 Cl.11.7,8
92.		Temperature Rise Test at Rated Voltage(Resistance, Temperature)	IS 9079:2018 Cl.11.4.1.1
93.		Temperature Rise Test at Reduced Voltage(Resistance, Temperature)	IS 9079:2018 Cl.11.4.1.2
94.		Marking	IS 9079:2018 Cl.10.6

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

www.qai.org.in



36 of 44

Quality And Accreditation Institute

Centre for International Accreditation

(formerly Centre for Laboratory Accreditation)



Scope of Accreditation

JBS Testing Solutions (Unit 2)

Plot no.24, Street No. 2, Adjoining Focal Point Road, Transport Nagar
Jalandhar-144004, Punjab, India

QAI/CIA/TL/2023/0005

Date of First Accreditation: 13 February 2023-12 February 2025

Valid from: 13 February 2025

Valid until: 12 February 2027

Accreditation Standard: ISO/IEC 17025:2017

Electrical Testing			
Sl. No.	Product(s)/Material of Test	Specific Tests Performed	Test Method
	Rotating Electrical Machines		
95.	Rotating Electrical Machines/ Monoset Pumps	Pump Performance Test(Current, Discharge Pressure, Flow, Frequency, Power, Speed, Suction Pressure, Voltage)	IS 9079:2018 Cl.8, IS 11346:2002
96.		Breakaway/Starting Torque(Current, Power, Torque, Voltage)	IS 9079:2018 Cl.11.8, IS 7538:1996, IS 14582:2021
97.		High Voltage Test	IS 9079:2018 Cl.11.8, IS 7538:1996 Cl.25, IS 14582:2021
98.		Insulation Resistance Test	IS 9079:2018 Cl.11.2, IS 7538:1996 Cl.26, IS 14582:2021
99.		Locked Rotor Test(Current, Power, Torque, Voltage)	IS 9079:2018 Cl.11.5, IS 7538:1996 Cl.24.3, IS 14582:2021
100.		Measurement of Stator Windings Resistance (Resistance, Temperature)	IS 9079:2018 Cl.11.8, IS 7538:1996, IS 14582:2021
101.		No Load Test(Current, Frequency, Power, Speed, Voltage)	IS 9079:2018 Cl.11.7,8, IS 7538:1996 Cl.24.1, IS 14582:2021
102.		Ingress Protection (IP44) Test	IS 9079:2018, IS/IEC 60034-5
103.		Impeller and Rotor Balancing (Horizontal - Left Right, Vertical)	IS 9079:2018 Cl.10.4, IS/ISO 21940:Part11

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

www.qai.org.in



37 of 44

Quality And Accreditation Institute

Centre for International Accreditation

(formerly Centre for Laboratory Accreditation)



Scope of Accreditation

JBS Testing Solutions (Unit 2)

Plot no.24, Street No. 2, Adjoining Focal Point Road, Transport Nagar
Jalandhar-144004, Punjab, India

QAI/CIA/TL/2023/0005

Date of First Accreditation: 13 February 2023-12 February 2025

Valid from: 13 February 2025

Valid until: 12 February 2027

Accreditation Standard: ISO/IEC 17025:2017

Electrical Testing			
Sl. No.	Product(s)/Material of Test	Specific Tests Performed	Test Method
	Rotating Electrical Machines		
104.	Rotating Electrical Machines/ Motors For Submersible Pump sets	Cable-Size & Length	IS 9283:2024 Cl.5.4.1,2
105.		Construction Features	IS 9283:2024 Cl.5
106.		Dimensions and Tolerances	IS 9283:2024 Cl.7
107.		Earthing	IS 9283:2024 Cl.5.2
108.		Finish of Bearings	IS 9283:2024 Cl.5.5
109.		High Voltage Test	IS 9283:2024 Cl.16.1, 16.2, 20
110.		Insulation Resistance Test	IS 9283:2024 Cl.16.1, 16.2, 21
111.		Leakage Current Test	IS 9283:2024 Cl.22, 16.1
112.		Momentary Overload Test	IS 9283:2024 Cl.16.1, 18
113.		Rating Plate	IS 9283:2024 Cl.15
114.		Reduced Voltage Running up Test at No Load(Speed, Voltage)	IS 9283:2024 Cl.16.1, 16.2
115.		Temperature Rise Test at Rated Voltage(Resistance, Temperature)	IS 9283:2024 Cl.16.1, 16.2
116.		Temperature Rise Test at Reduced Voltage(Resistance, Temperature)	IS 9283:2024 Cl.16.1, 16.2
117.		Marking	IS 9283:2024 Cl.13

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

www.qai.org.in



38 of 44

Quality And Accreditation Institute

Centre for International Accreditation

(formerly Centre for Laboratory Accreditation)



Scope of Accreditation

JBS Testing Solutions (Unit 2)

Plot no.24, Street No. 2, Adjoining Focal Point Road, Transport Nagar
Jalandhar-144004, Punjab, India

QAI/CIA/TL/2023/0005

Date of First Accreditation: 13 February 2023-12 February 2025

Valid from: 13 February 2025

Valid until: 12 February 2027

Accreditation Standard: ISO/IEC 17025:2017

Electrical Testing			
Sl. No.	Product(s)/Material of Test	Specific Tests Performed	Test Method
	Rotating Electrical Machines		
118.		Full Load Test(Current, Power, Speed, Voltage)	IS 9283:2024 Cl.16.1(g), IS 4029:2010, IS 7572:1974
119.		Locked Rotor Test(Current, Power, Torque, Voltage)	IS 9283:2024 Cl.16.1(f), IS 4029:2010, IS 7572:1974
120.		Measurement of Stator Resistance(Resistance, Temperature)	IS 9283:2024 Cl.16.1(c), IS 4029:2010, IS 7572:1974 IS 8034: 2018
121.		No Load Test(Current, Frequency, Power, Speed, Voltage)	IS 9283:2024 Cl.16.1(d), IS 4029:2010, IS 7572:1974
122.		Performance Characteristics/Values(Current, Power, Speed, Voltage)	IS 9283:2024 Cl.16.1(h), IS 4029:2010, IS 7572:1974
123.		Balancing of Rotor	IS 9283:2024 Cl.5.6, IS/ISO 21940:Part11
124.		Surface Finish of Shaft or Roughness Testing	IS 9283:2024 Cl.5.5
125.	Rotating Electrical Machines/ Single Phase A.C. Induction Motors for General Purpose	Earthing	IS 996:2009 Cl.9.5
126.		General Construction	IS 996:2009 Cl.9
127.		Insulation Resistance Test	IS 996:2009 Cl.12.7
128.		Leakage Current Test	IS 996:2009 Cl.13.3

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

www.qai.org.in



39 of 44

Quality And Accreditation Institute

Centre for International Accreditation

(formerly Centre for Laboratory Accreditation)



Scope of Accreditation

JBS Testing Solutions (Unit 2)

Plot no.24, Street No. 2, Adjoining Focal Point Road, Transport Nagar
Jalandhar-144004, Punjab, India

QAI/CIA/TL/2023/0005

Date of First Accreditation: 13 February 2023-12 February 2025

Valid from: 13 February 2025

Valid until: 12 February 2027

Accreditation Standard: ISO/IEC 17025:2017

Electrical Testing			
Sl. No.	Product(s)/Material of Test	Specific Tests Performed	Test Method
	Rotating Electrical Machines		
129.	Rotating Electrical Machines/ Single Phase A.C. Induction Motors for General Purpose	Marking & Diagram of Connection	IS 996: :2009 Cl.16
130.		Methods of Cooling	IS 996:2009 Cl.11
131.		Moisture Proofness Test	IS 996:2009 Cl.13.2
132.		Momentary Overload Test	IS 996:2009 Cl.17.3(f), Cl.12.1.2
133.		Test for Breakaway Starting Current at Rated Voltage and Frequency (Current)	IS 996:2009 Cl.17.3©/ Cl.12.1.1
134.		Test for No Load Current, Power Input and Speed at Rated Voltage and Frequency (Current, Frequency, Power, Speed, Voltage)	IS 996:2009 Cl.17.3(a)
135.		Test for Torques at Rated Voltage and Frequency(Torque)	IS 996:2009 Cl.17.3/ Cl.12.1.1
136.		Vibration Test	IS 996:2009 Cl.17.3(m), 12.6, IS 12075:2024
137.		Dimensions	IS 996:2009 Cl.7, IS 1231:2019, IS 2223:1983
138.		High Voltage Test	IS 996:2009 Cl.13, 17.3(h), IS 7572:1974
139.		Temperature Rise Test(Resistance, Temperature)	IS 996:2009 Cl.12.2, 17.3(g), IS 7572:1974

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

www.qai.org.in



40 of 44

Quality And Accreditation Institute

Centre for International Accreditation

(formerly Centre for Laboratory Accreditation)



Scope of Accreditation

JBS Testing Solutions (Unit 2)

Plot no.24, Street No. 2, Adjoining Focal Point Road, Transport Nagar
Jalandhar-144004, Punjab, India

QAI/CIA/TL/2023/0005

Date of First Accreditation: 13 February 2023-12 February 2025

Valid from: 13 February 2025

Valid until: 12 February 2027

Accreditation Standard: ISO/IEC 17025:2017

Electrical Testing			
Sl. No.	Product(s)/Material of Test	Specific Tests Performed	Test Method
	Rotating Electrical Machines		
140.	Rotating Electrical Machines/ Line Operated Three Phase A.C. Motors	Test for Full Load Performance at Rated Voltage and Frequency(Current, Frequency, Power, Speed, Torque, Voltage)	IS 996:2009 Cl.17.3(d), 12.5.1, IS 7572:1974
141.		Ingress Protection (IP) Test	IS 996:2009 Cl.10.1.8, IS/IEC 60034-5
142.		Marking	IS 996:2009 Cl.14, IS/IEC 60034-8
143.		Locked Rotor Readings of Voltage, Current and Power Input at a Suitable Reduced Voltage(Current, Power, Voltage)	IS 12615:2018 Cl.16.1.4
144.		Locked Rotor Test(Current, Power, Torque, Voltage)	IS 12615:2018 Cl.16.2.2
145.		Methods of Cooling	IS 12615:2018 Cl.6
146.		Momentary Overload Test	IS 12615:2018 Cl.12.1
147.		Reduce Voltage Running Up Test(Speed, Voltage)	IS 12615:2018 Cl.16.1.5
148.		Noise Test	IS 12615:2018 Cl.16.3.2, IS 12065:2025
149.		Vibration Test	IS 12615:2018 Cl.16.3.1, IS 12075:2024

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

www.qai.org.in



41 of 44

Quality And Accreditation Institute

Centre for International Accreditation

(formerly Centre for Laboratory Accreditation)



Scope of Accreditation

JBS Testing Solutions (Unit 2)

Plot no.24, Street No. 2, Adjoining Focal Point Road, Transport Nagar
Jalandhar-144004, Punjab, India

QAI/CIA/TL/2023/0005

Date of First Accreditation: 13 February 2023-12 February 2025

Valid from: 13 February 2025

Valid until: 12 February 2027

Accreditation Standard: ISO/IEC 17025:2017

Electrical Testing			
Sl. No.	Product(s)/Material of Test	Specific Tests Performed	Test Method
	Rotating Electrical Machines		
150.	Rotating Electrical Machines/ Line Operated Three Phase A.C. Motors	Dimensions	IS 12615:2018 Cl.16.2.1, IS 1231:2019, IS 2223:1983
151.		Earthing	IS 12615:2018 Cl.8, IS 15999: Part1:2021
152.		High Voltage Test	IS 12615:2018 Cl.16.1.6, IS 15999:Part1:2021
153.		Marking and Labelling	IS 12615:2018 Cl.18, IS 15999: Part1 :2021
154.		Over Speed Test	IS 12615:2018 Cl.16.3.4, IS 15999: Part1:2021
155.		Temperature Rise at Limiting Value of Voltage & Frequency	IS 12615:2018 Cl.16.3.5, IS 15999: Part1:2021
156.		Temperature Rise Test(Resistance, Temperature)	IS 12615:2018 Cl.16.2.4, IS 15999: Part1:2021
157.		Full Load Test to Determine Slip(Current, Frequency, Power, Speed, Torque, Voltage, Efficiency, Power Factor)	IS 12615:2018 Cl.16.2.3, IS 15999: Part1:2021,IS 15999:Part2:Sec1:2023
158.		Measurement of Stator Winding Resistance (Resistance, Temperature)	IS 12615:2018 Cl.16.1.2, IS 15999: Part1:2021,IS 15999:Part2:Sec1:2023
159.		No Load Test(Current, Frequency, Power, Speed, Voltage)	IS 12615:2018 Cl.16.1.3, IS 15999:Part1:2021,IS 15999:Part2:Sec1:2023

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

www.qai.org.in



42 of 44

Quality And Accreditation Institute

Centre for International Accreditation

(formerly Centre for Laboratory Accreditation)



Scope of Accreditation

JBS Testing Solutions (Unit 2)

Plot no.24, Street No. 2, Adjoining Focal Point Road, Transport Nagar
Jalandhar-144004, Punjab, India

QAI/CIA/TL/2023/0005

Date of First Accreditation: 13 February 2023-12 February 2025

Valid from: 13 February 2025

Valid until: 12 February 2027

Accreditation Standard: ISO/IEC 17025:2017

Electrical Testing			
Sl. No.	Product(s)/Material of Test	Specific Tests Performed	Test Method
	Rotating Electrical Machines		
160.	Rotating Electrical Machines/ Line Operated Three Phase A.C. Motors	Pull Up Torque Test (Frequency, Torque, Voltage)	IS 12615:2018 Cl.12.2, IS 4029:2010
161.		Ingress Protection (IP44) Test	IS 12615:2018 Cl.5, IS/IEC 60034-5
162.		Terminal Marking	IS 12615:2018 Cl.9, IS/IEC 60034-8
163.		Insulation Resistance Test	IS 12615:2018 Cl.16.1.1, IS/IEC 60034-27-4



Quality And Accreditation Institute

Centre for International Accreditation

(formerly Centre for Laboratory Accreditation)



Scope of Accreditation

JBS Testing Solutions (Unit 2)

Plot no.24, Street No. 2, Adjoining Focal Point Road, Transport Nagar
Jalandhar-144004, Punjab, India

QAI/CIA/TL/2023/0005

Date of First Accreditation: 13 February 2023-12 February 2025

Valid from: 13 February 2025

Valid until: 12 February 2027

Accreditation Standard: ISO/IEC 17025:2017

Chemical Testing			
Sl. No.	Product(s)/Material of Test	Specific Tests Performed	Test Method
	Metals and Alloys		
1.	Low alloy Steel/ Carbon Steel/Stainless Steel	Carbon	IS 228 (Part 1): 1987 (RA 2018)
2.		Silicon	IS 228 (Part 8): 1989 (RA 2023)
3.		Manganese	IS 228 (Part 2): 2024
4.		Phosphorous	IS 228 (Part 3): 2024
5.		Sulphur	IS 228 (Part 9): 1989 (RA 2023)
6.	Copper & its alloy	Tin	IS 3685: 1966 (RA 2018)
7.		Lead	IS 3685: 1966 (RA 2018)
8.		Aluminium	IS 3685: 1966 (RA 2018)
9.		Iron	IS 3685: 1966 (RA 2018)
10.		Nickel	IS 3685: 1966 (RA 2018)
11.		Phosphorous	IS 3685: 1966 (RA 2018)
12.		Silicon	IS 3685: 1966 (RA 2018)
13.		Zinc	IS 3685: 1966 (RA 2018)
14.		Antimony	IS 3685: 1966 (RA 2018)
15.		Copper	IS 3685: 1966 (RA 2018)
16.	Steel Products	Mass of zinc coating	IS 6745: 1972 (RA 2021)

