



National Accreditation Board for Testing and Calibration Laboratories

SCOPE OF ACCREDITATION

Laboratory Name :

VIBRONICS LAB PRIVATE LIMITED, GROUND FLOOR, PART-1, PLOT NO. 169, HSIIDC, SEC- 57, PHASE-4, KUNDLI, SONIPAT, HARYANA, INDIA

Accreditation Standard

ISO/IEC 17025:2017

Certificate Number

TC-17923

Page No

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Validity

23/04/2026 to 22/04/2030

Last Amended on

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S.No	Discipline / Group	Materials or Products tested	Component, parameter or characteristic tested / Specific Test Performed / Tests or type of tests performed	Test Method Specification against which tests are performed and / or the techniques / equipment used
Permanent Testing				
1	MECHANICAL-MEDICAL DEVICE	Bone plate	Single cycle bend test	ASTM F382 (1.4.1 Annex A1)
2	MECHANICAL-MEDICAL DEVICE	Bone plates	Bending Fatigue	ASTM F382 (1.4.2 Annex A2)
3	MECHANICAL-MEDICAL DEVICE	Bone screws	Axial Pull out load	ASTM F543 (1.2.3 Annex A3)
4	MECHANICAL-MEDICAL DEVICE	Bone screws	Driving torque	ASTM F543 (1.2.2 Annex A2)
5	MECHANICAL-MEDICAL DEVICE	Bone screws	Torsion test	ASTM F543 (1.2.1 Annex A1)
6	MECHANICAL-MEDICAL DEVICE	Interconnection Mechanisms and Subassemblies Used in Spinal Arthrodesis Implants (Screw)	Static Mechanical Properties	ASTM F1798 (Clause 8)
7	MECHANICAL-MEDICAL DEVICE	Interconnection Mechanisms and Subassemblies Used in Spinal Arthrodesis Implants (Spine)	Fatigue Run - Out	ASTM F1798 (Clause 9)
8	MECHANICAL-MEDICAL DEVICE	Intramedullary Fixation Devices (Bone Nail)	Static four point bend test	ASTM F1264 (1.4.1 Annex A1)
9	MECHANICAL-MEDICAL DEVICE	Intramedullary Fixation Devices (Bone Nail)	Static torsional	ASTM F1264 (1.4.2 Annex A2)
10	MECHANICAL-MEDICAL DEVICE	Intramedullary Fixation Devices (Bone Nail) & IMFD Locking screw	Bending Fatigue	ASTM F1264 (1.4.3 Annex A3) & (1.4.4 Annex A4)
11	MECHANICAL-MEDICAL DEVICE	Metallic Angled Orthopedic Fracture Fixation Devices (Plate)	Bending Fatigue	ASTM F384 (1.4.2 Annex A2)
12	MECHANICAL-MEDICAL DEVICE	Metallic Angled Orthopedic Fracture Fixation Devices (Plate)	Single cycle compression bend	ASTM F384 (1.4.1 Annex A1)
13	MECHANICAL-MEDICAL DEVICE	Partial and total hip joint prostheses	Determine endurance properties and performance	ISO 7206-4 (Part-4)
14	MECHANICAL-MEDICAL DEVICE	Spinal Implant Constructs (Screw and Plate)	Fatigue Testing	ASTM F1717 (Clause 8.2)
15	MECHANICAL-MEDICAL DEVICE	Spinal Implant Constructs (Screw and plate)	Static compression bending	ASTM F1717 (Clause 8.1.1)



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16	MECHANICAL-MEDICAL DEVICE	Spinal Implant Constructs (Screw and plate)	Static Tension Bending Test	ASTM F1717 (Clause 8.1.2)
17	MECHANICAL-MEDICAL DEVICE	Spinal Implant Constructs (Screw and plate)	Static Torsional Test	ASTM F1717 (Clause 8.1.3)