

TESTING AND CALIBRATION LABORATORY ACCREDITATION PROGRAM (LAP)

Scope of Accreditation

La présente portée d'accréditation existe également en français et est publiée séparément.

Legal Name of Accredited Laboratory: Orthopaedic Innovation Centre

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SCC File Number:	151274
Accreditation Standard(s):	ISO/IEC 17025:2017 General requirements for the competence of testing and calibration laboratories
Fields of Testing:	Biological Chemical/Physical Mechanical/Physical
Initial Accreditation:	2022-03-29
Most Recent Accreditation:	2025-01-06
Accreditation Valid to:	2026-03-29

ENVIRONMENTAL AND OCCUPATIONAL HEALTH AND SAFETY

Occupational Health and Safety:

Personal Protection

CAN/CSA-Z94.4*	Selection, use and care of respirators <i>(Only for: the Quantitative Fit Test (Annex C and CSA Z94.4.1-21 Section 5.6)</i>
CAN/CSA-Z94.4.1:21*	Performance of filtering respirators <i>(Except for: oil-resistant CA-R (6.2.1.1.b) and oil-proof CA-P (6.2.1.1.c) type filter testing in non-powered air purifying respirators and all filter types of powered air-purifying respirators (7.2))</i>
ASTM F2100*	Standard Specification for Performance of Materials Used in Medical Face Masks <i>(Except for: clause 6.3)</i>
ASTM F2299*	Standard Test Method for Determining the Initial Efficiency of Materials Used in Medical Face Masks to Penetration by Particulates Using Latex Spheres
ASTM F2101	Standard Test Method for Evaluating the Bacterial Filtration Efficiency (BFE) of Medical Face Mask Materials, Using a Biological Aerosol of <i>Staphylococcus aureus</i>
ASTM F1862*	Standard Test Method for Resistance of Medical Face Masks to Penetration by Synthetic Blood (Horizontal Projection of Fixed Volume at a Known Velocity)
ASTM F3502*	Standard Specification for Barrier Face Coverings
EN 14683:2019*	Medical face masks - Requirements and test methods <i>(Only For: Annex C)</i>

MEDICAL

Medical Products:

Devices (Non-Electrical)

ISO 14243-1	Implants for surgery – Wear of total knee-joint prostheses – Part 1: Loading and displacement parameters for wear-testing machines with load control and corresponding environmental conditions for test
ISO 14243-2	Implants for surgery – Wear of total knee-joint prostheses – Part 2: Methods of measurement
ISO 14243-3	Implants for surgery – Wear of total knee-joint prostheses – Part 3: Loading and displacement parameters for wear-testing machines with displacement control and corresponding environmental conditions for test
ASTM F2003	Standard Practice for Accelerated Aging of Ultra-High Molecular Weight Polyethylene after Gamma Irradiation in Air
ASTM F1877*	Standard Practice for Characterization of Particles

ISO 14242-1	Implants for surgery – Wear of total hip-joint prostheses – Part 1: Loading and displacement parameters for wear-testing machines and corresponding environmental conditions for test
ISO 14242-2	Implants for surgery – Wear of total hip-joint prostheses – Part 2: Methods of measurement
ISO 22622	Implants for surgery – Wear of total ankle-joint prostheses – Loading and displacement parameters for wear-testing machines with load or displacement control and corresponding environmental conditions for test
ASTM F2077	Standard Test Methods for Intervertebral Body Fusion Devices
ASTM F543	Standard Specification and Test Methods for Metallic Medical Bone Screws
ASTM F1800	Standard Practice for Cyclic Fatigue Testing of Metal Tibial Tray Components of Total Knee Joint Replacements
ASTM F1820	Standard Test Method for Determining the Forces for Disassembly of Modular Acetabular Devices
ASTM F1717	Standard Test Methods for Spinal Implant Constructs in a Vertebrectomy Model
ASTM F2267	Standard Test Method for Measuring Load-Induced Subsidence of Intervertebral Body Fusion Device Under Static Axial Compression
ASTM F3574	Standard Test Methods for Sacroiliac Joint Fusion Devices, only for Annex A2
ASTM F1264	Standard Specification and Test Methods for Intramedullary Fixation Devices, except for section 1.4.4 (Annex A4)
ASTM F3090	Standard Test Method for Fatigue Testing of Acetabular Devices for Total Hip Replacement
ISO 7206-4	Implants for surgery – Partial and total hip joint prostheses – Part 4: Determination of endurance properties and performance of stemmed femoral components
ISO 7206-6	Implants for surgery – Partial and total hip joint prostheses – Part 6: Endurance properties testing and performance requirements of neck region of stemmed femoral components

TEXTILES AND FIBROUS MATERIALS

Apparel and Other Finished Textile Products:

Clothing

16 CFR Part 1610*	Standard for the Flammability of Clothing Textiles <i>(Except for: refurbishing (1610.6.b) including dry cleaning (1610.6.b.i) and laundering (1610.6.b.ii))</i>
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*Test item performed at 002 - 1095 Concordia Avenue, Winnipeg, Manitoba R2K 3S8

Number of Scope Listings: 28

Notes:

ISO: International Organization for Standardization

IEC: International Electrotechnical Commission

ASTM: American Society for Testing and Materials

EN: European Standards (European Norm)

CAN/CSA: Canadian Standards Association

This document forms part of the Certificate of Accreditation issued by the Standards Council of Canada (SCC). The original version is available in the Directory of Accredited Laboratories on the SCC website at scc-ccn.ca.

Elias Rafoul
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