

## TESTING AND CALIBRATION LABORATORY ACCREDITATION PROGRAM (LAP)

### Scope of Accreditation

**Legal Name of Accredited Laboratory:** **Iron Ore Company of Canada**

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<b>SCC File Number:</b>	15939
<b>Provider:</b>	BNQ-EL
<b>Provider File Number:</b>	45004-1
<b>Accreditation Standard(s):</b>	ISO/IEC 17025:2017 General requirements for the competence of testing and calibration laboratories
<b>Fields of Testing:</b>	Chemical/Physical
<b>Program Specialty Area:</b>	Mineral Analysis
<b>Initial Accreditation:</b>	2014-02-15
<b>Most Recent Accreditation:</b>	2023-06-15
<b>Accreditation Valid to:</b>	2026-02-15

*Remarque : La présente portée d'accréditation existe également en français, sous la forme d'un document distinct.  
Note: This scope of accreditation is also available in French as a separately issued document.*

## METALLIC ORES AND PRODUCTS

### **Mineral analysis testing (iron ore):**

#### **Chemical tests**

CHM_02	Determination of loss on ignition (Based on ISO/TR 18230)
CHM_03	Determination of Fe (II) content (Based on ISO 9035)
CHM_07	Determination of Fe total content (Based on ISO 2597-2)
CHM_20	Determination of various elements content by XRF spectrometry (Based on ISO 9516-1) P, Mn, SiO <sub>2</sub> , Al <sub>2</sub> O <sub>3</sub> , CaO, MgO, TiO <sub>2</sub> , K <sub>2</sub> O
CHM_26	Determination of sodium content by atomic absorption spectrometry (Based on ISO 13313)
CHM_33	Determination of sulfur content (Based on ISO/TR 9686)

#### **Physical tests**

PRE_02	Determination of moisture content (Based on ISO 3087)
PRE_04	Determination of size distribution by sieving - Pellets and others (Based on ISO 4701)
PRE_05	Determination of the tumble and abrasion indices (Based on ISO 3271)
PRE_10	Determination of size distribution by sieving – Concentrate (Based on ISO 4701)
PRE_16	Determination of size distribution by sieving - Chips and others (Based on ISO 4701)
PRE_18	Determination of the crushing strength (Based on ISO 4700)

#### **Pyrometallurgical tests**

PYR_01	Determination of low-temperature reduction-disintegration indices by static method – Static LTD (Based on ISO 4696-1)
PYR_02	Determination of the reducibility by the rate of reduction index – R40 (Based on ISO 4695)
PYR_03	Determination of the free swelling index (Based on ISO 4698)

PYR_05	Determination of low temperature reduction-disintegration indices by dynamic method – dynamic LTD (Based on ISO 13930)
PYR_06	Determination of the reducibility by the final degree of reduction index (Based on ISO 7215)
PYR_14	Determination of the reductibility index, final degree of reduction and degree of metalization – R90 (Based on ISO 11258)
PYR_15	Determination of the low temperature reduction-disintegration index - LINDER (Based on ISO 11257)

Number of Scope Listings: 19

**Notes:**

**ISO/IEC 17025:2017:** General Requirements for the Competence of Testing and Calibration Laboratories

**ISO:** International Standards Organization

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 [www.scc.ca](http://www.scc.ca).

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 Publication on: 2024-03-28