



**BNQ**

**Bureau de normalisation  
du Québec**

**CAN/BNQ 2501-090/2019  
(R2024)**

**Soils — Determination of Liquid Limit  
by the Casagrande Apparatus  
and Determination of Plastic Limit**

scc  ccn

**STANDARD**



CAN/BNQ 2501-090/2019  
(R 2024)

Soils — Determination of Liquid Limit by the Casagrande  
Apparatus and Determination of Plastic Limit

*Sols — Détermination de la limite de liquidité à l'aide de  
l'appareil de Casagrande et de la limite de plasticité*



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This is a reaffirmation (reapproval) of the edition dated January 31, 2019.

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This standard was developed in compliance with the Standards Council of Canada (SCC)'s Requirements and Guidance for standards development organizations and approved as a reaffirmed National Standard of Canada by the SCC. Its reaffirmation was approved by a Standards Development Committee, whose members were:

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# SOILS — DETERMINATION OF LIQUID LIMIT BY THE CASAGRANDE APPARATUS AND DETERMINATION OF PLASTIC LIMIT

## 1 PURPOSE AND SCOPE

This standard specifies the test method used to determine the liquid limit by the Casagrande Apparatus and plastic limit of soils, from which the plasticity index is calculated.

## 2 NORMATIVE REFERENCES

### 2.1 GENERAL

The references below (including any amendment or errata) are normative references, and are therefore considered mandatory. They are essential to the understanding and use of this standard, and are cited in appropriate places in the text.

It should be noted that a dated normative reference refers to that specific edition of the reference, while a non-dated normative reference refers to the latest edition of the reference in question.

### 2.2 DOCUMENTS FROM STANDARDS BODIES

**BNQ (Bureau de normalisation du Québec)** [<https://www.bnq.qc.ca>]

CAN/BNQ 2501-170/2014      *Soils — Determination of Water Content.*  
(Sols — Détermination de la teneur en eau.)

**ISO (International Organization for Standardization)** [<https://www.iso.org>]

ISO 3310-1: 2016      *Test Sieves — Technical Requirements and Testing — Part 1: Test Sieves of Metal Wire Cloth.*  
(Tamis de contrôle — Exigences techniques et vérifications — Partie 1: Tamis de contrôle en tissus métalliques.)