Canadian Council of Independent Laboratories
Conseil canadien des laboratoires indépendants

2027 CCIL Asphalt Correlation

BC MB NB NL NS PE SK Recovered Penetration (RP) Instructions

Review your shipping address shown in the portal and update it if there are any changes through the request for services. When you receive your samples, review the shipment before signing off with the shipper.

PREPARATION OF THE MATERIALS BY PARTICIPATING LABORATORIES

In your shipment, you should have received 1 sample (minimum 5000 g) each of Materials **RP-I-N** and **RP-II-N**.

The 5000 g samples for each of the Materials **I-RP-N** and **II-RP-N,** shall be split into 2 equally divided sub-samples (to be designated x and y) using a cold chisel and hammer.

TESTING

The asphalt cement shall be extracted and recovered from each of the sub-samples as per ASTM D1856 (latest revision), "Recovery of Asphalt from Solution by Abson Method", or ASTM D5404 (latest revision), "Recovery of Asphalt Binder from Solution using the Rotary Evaporator ". Extraction of the samples shall be conducted together with the removal of mineral fines using a centrifuge (SMM or other types).

The penetration of the recovered asphalt cement for each sample shall be determined at 25°C, 100g, 5 sec. as per ASTM D5 (latest revision), "Penetration of Bituminous Materials".

Note 1: Please identify the Extraction Method, Solvent used and the Recovery Method by selecting from the dropdown feature on the Reporting Form.

An example of a completed report form is shown on page 2.

All test results shall be reported online and submitted by **2027 January 25, Monday.**

Remember: Your lab's worksheets must be submitted through the portal with your correlation report. Please combine all worksheets for each portal report into a single pdf prior to uploading. You are required to keep all original worksheet hard copies in a secure dedicated location such as a sealed envelope that is available to CCIL upon request. Do not courier/mail/fax/e-mail the worksheets to CCIL.

DO NOT send reports and worksheets by fax.

2027 CCIL Asphalt Correlation

BC MB NB NL NS PE SK Recovered Penetration (RP) General Instructions

Canadian Council of Independent Laboratories

Recovered Pen Report - Certification Program

- **CCIL Confidential Lab #** CCIL 999
- **Lab Name:** Demo Lab
- **Tested by:**
  - ○ Lab Technician
  - ○ Supervisor / Manager
  - ◉ Not listed

Please specify

Super Technician

Recovered Pen Report

Test	A-RP x	A-RP y	- Avg	B-RP x	B-RP y	- Avg
Penetration @ 25C (100g/5s)	86	84	85	96	95	96

Extraction Method Used

D2172 Method A (Centrifuge Extractor)

Solvent Used

Trichloroethylene (TCE)

Recovery Method Used

D1856 (Abson)

Comments