

## **YEAR 2023 CCIL CORRELATION:**

### **RECOVERED PENETRATION (BC, MB, NB, NL, NS, PE and SK)**

#### PREPARATION OF THE MATERIALS BY PARTICIPATING LABORATORIES

One (1) sample (minimum 5000 g) each of Materials **RP-I-N** and **RP-II-N**, have been provided.

The 5000 g samples for each of the Materials **RP-I-N** and **RP-II-N**, shall be split into two equally divided sub-samples 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 "Recovery of Asphalt from Solution by Abson Method", or ASTM D5404 "Practice for Recovery of Asphalt 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 "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.

All test results shall be reported online and submitted by **2023 January 6, Friday**. An example of a completed report form is shown on page 2.

**Remember:** Your lab's worksheets must be submitted through the portal with your proficiency 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.



**2020 Asphalt Reporting Form  
Recovered Pen**

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