## YEAR 2023 CCIL CORRELATION

#### **EXTRACTION AND GRADATION TEST (Alberta and Yukon)**

One sample of hot mix asphalt identified as Material EXT-I-N or III-N or V-N and one sample of hot mix asphalt identified as Material EXT-II-N or IV-N or VI-N have been provided.

#### **TESTING**

On receipt of the Material EXT-I-N or III-N or V-N and Material EXT-II-N or IV-N or VI-N the two materials shall be tested (use complete sample) as per ASTM D2172 "Quantitative Extraction of Bitumen from Bituminous Paving Mixtures", using solvent (See Note 1). Sieve analysis of the resulting aggregate shall be carried out using ASTM D5444 "Mechanical Size Analysis of Extracted Aggregate", with the exception that reference to 75um sieve will be replaced with 0.080mm sieve.

Note 1: All solvents are reported to be toxic to some extent. Attention should be paid to the safety precautions and the use of proper safety equipment such as gloves, goggles, respiration masks and fume hoods.

The extracted aggregate shall be dried of all solvent, followed by water washing, drying and sieving. Laboratories shall report data calculated on the basis of total dried aggregate mass corrected for mineral fines in the extracts using in-house equipment.

The cumulative percentage of sample **passing** each of the required sieves shall be reported. The asphalt content for each sample shall be calculated and reported on the same form.

Note 2: Please identify the Extraction Method and Solvent Used 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 CCII

**DO NOT** send reports and worksheets by fax.

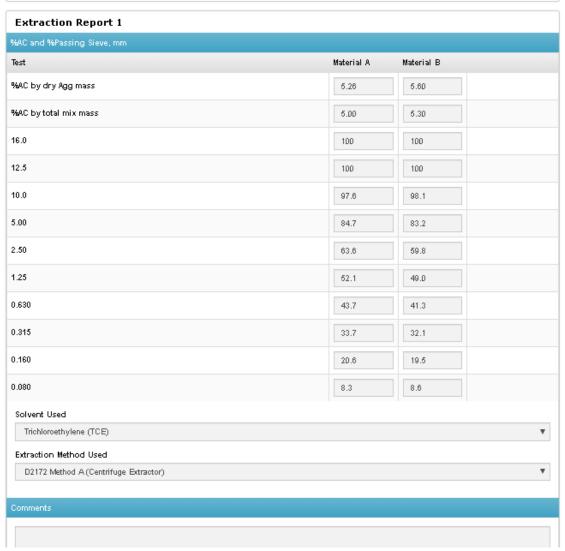
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# 2020 Asphalt Reporting Form Extraction

Extraction Report 1 - Certification Program
CCIL Confidential Lab # CCIL 999
Lab Name: Demo Lab
➤ Tested by:
Lab Technician Supervisor / Manager Not listed
Please specify
Super Technician



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