



Canadian Council of Independent Laboratories

CCIL Certification Office
3410 South Service Rd. Suite 104
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16 Aug 2019

To: All CCIL certified Concrete Laboratories

CCIL Implementation of CSA A283-19

Dear CCIL Certified Concrete Laboratory:

This letter is to inform you of two of the required changes to CCIL's Concrete Certification program based on the new edition of CSA A283-19 and the planned implementation date.

Implementation:

There are many changes in both CSA A23.2-19 and A283-19 standards published in July 2019. CCIL is currently reviewing, updating and implementing the changes required to our processes, portal and other documentation. We plan to be certifying concrete laboratories to the 2019 standards starting January 1, 2020.

Implications for currently certified laboratory's:

There are two significant changes which this letter will specifically address. Note that in relation to these, we will require each laboratory to submit a new application in October/November of 2019 for approval prior to January 1, 2020.

Change of Supervising Engineer to Supervising Professional:

Please review Clause 5.2 of CSA A283-19 to become familiar with the new requirements for a Supervising Professional.

Each laboratory will be asked to submit an application to either verify their existing Supervising Engineer meets the new requirements of the Supervising Professional or to show that a new candidate meets the requirements for the new role of Supervising Professional. In addition to reviewing a Supervising Professional's licence to practice engineering including scope, in accordance with CSA A283-19, we will be requiring a detailed explanation of how the candidate meets the qualifications listed in Clauses 5.2.2.3. Additionally, the CCIL Checklist will be expanded to include checks that the responsibilities of the Supervising Professional set out in Clause 5.2.2.2 are in compliance.

Change to certification categories:

The existing Categories (0, 1 and 2) will no longer be in use.

The new Certification types will be as follows in accordance with Clause 6 of CSA A283-19.

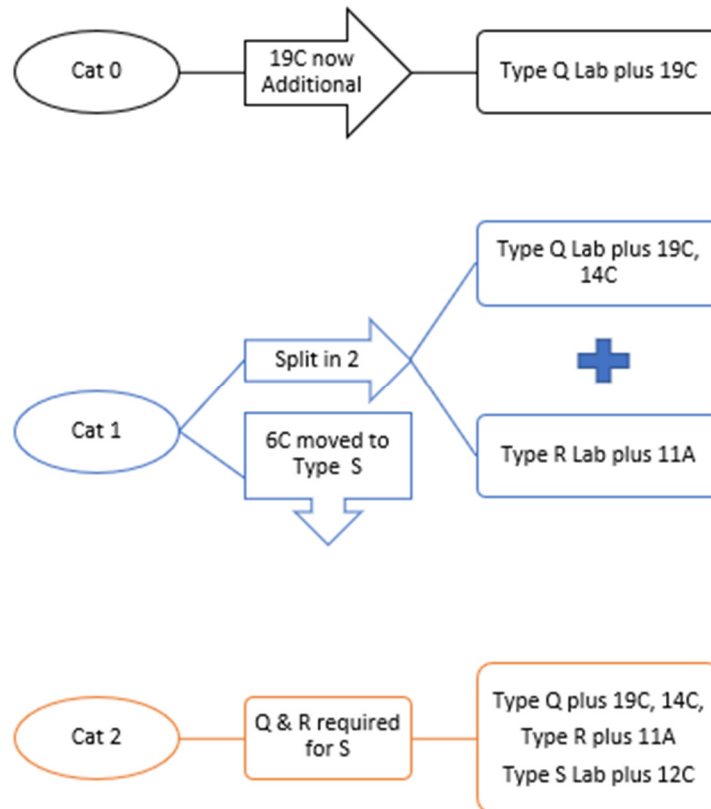
NEW LABORATORY CERTIFICATION	CCIL DESIGNATION	AVAILABLE ADDITIONAL TESTS
Basic Concrete Certification (1C, 3C, 4C, 5C, 9C, 17C)	Type Q	8A, 1B, 6B (Proc A), 3C (flex), 7C, 8C, 11C, 14C, 15C, 16C, 19C, 20C
Concrete Aggregate Certification (1A, 2A, 3A, 4A, 5A, 6A, 7A, 10A, 12A, 13A) <i>basic concrete (Type Q) no longer a prerequisite</i>	Type R	9A, 11A, 15A, 16A, 17A, 23A, 24A, 25A, 26A, 29A, 2B, 3B, 4B, 8B
Advanced Concrete Certification BASIC CONCRETE & CONCRETE AGGREGATE (TYPE Q + R) <i>PREREQUISITE</i> PLUS (8A, 2C, 6C, 11C)	Type S	All of the above plus 14A, 6B (proc B), 10C, 12C (incl 18C), 13C, 18C, 21C, 22C, 23C, 26C, C457, C666

Similarly, the new technician certifications will be as follows:

NEW FIELD TECHNICIAN CERTIFICATION	CCIL DESIGNATION	AVAILABLE ADDITIONAL TESTS
Basic Concrete Field Technician (1C, 3C (field compressive), 4C, 5C, 17C)	Type QF	1B (field), 6B (Proc A), 3C (flexural), 7C, 14C (field), 15C, 16C, 19C, 20C
Concrete Aggregate Field Technician (1A, 10A) <i>basic concrete (Type QF) no longer a prerequisite</i>	Type RF	None
Advanced Concrete Field Technician BASIC CONCRETE & CONCRETE AGGREGATE (TYPE QF AND RF) PLUS (6C)	Type SF	Any of the above field tests and/or 12C (field) (incl 18C), 18C

NEW LABORATORY TECHNICIAN CERTIFICATION	CCIL DESIGNATION	AVAILABLE ADDITIONAL TESTS
Basic Concrete Laboratory Technician (3C (lab), 9C)	Type QL	8A, 1B (lab), 8C, 11C, 14C (lab)
Basic Concrete Aggregate Laboratory Technician (2A, 3A, 4A, 5A, 6A, 7A, 12A, 13A) <i>basic concrete (Type QL) no longer a prerequisite</i>	Type RL	9A, 11A, 15A, 16A, 17A, 23A, 24A, 26A, 29A, 2B, 3B, 4B, 8B
Advanced Concrete Laboratory Technician BASIC CONCRETE & CONCRETE AGGREGATE (TYPE QL AND RL) PLUS (8A, 2C, 11C)	Type SL	Any of the above laboratory tests plus 14A, 6B (proc B), 10C, 12C (lab), 13C, 21C, 22C, 23C, 26C, C457, C666
Individual Additional Laboratory Technician Tests	QA, RA or SA	Any of the above additional laboratory tests based on valid laboratory certification.

Each laboratory will be asked to verify whether they wish to downgrade or upgrade their laboratory certification based on their existing certification, transitioned to the new model as shown below. CCIL plans to have these transition applications available in October 2019 for submission and review in November 2019.



Each additional test will be reviewed based on the new CSA A283-19 certification structure and laboratories will be notified if the transition will result in the loss of an additional test.

I trust this information is helpful in knowing CCIL plans for implementing the new editions of both CSA A23.2-19 and A283-19. We will be updating our information documents and posting them on the website once they are completed to keep you informed.

Sincerely

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