

Issued: March 1, 2021

Powerline Technician

To: ITA Training Providers
Articulation Chair
System Liaison Person
School Districts ITA Training Providers

Subject: **Powerline Technician Interprovincial Exams aligned to 2019 RSOS will be implemented**

From: ITA Program Standards

Effective Date: April 15, 2021

Summary: Interprovincial (IP) exams aligned to the 2019 Powerline Technician Red Seal Occupational Standard (RSOS) will be implemented by ITA as of April 15, 2021. Candidates who write a Powerline Technician IP exam on or after April 15, 2021 will receive an exam aligned to the 2019 RSOS.

IP Table The IP table can be found at <https://www.itabc.ca/program/powerline-technician>



Powerline Technician
Inter-provincial examinations – Tasks and related number of questions

Based on 2019 RSOS

Major Work Activity	Task	Number of Questions
A - Performs common occupational skills	Task 1 - Performs safety-related functions	8
	Task 2 - Uses and maintains tools and equipment	6
	Task 3 - Organizes work	5
	Task 4 - Accesses work area	4
	Task 5 - Uses live-line methods	7
	Task 6 - Uses communication and mentoring techniques	2
B - Installs structures	Task 7 - Installs pole structures	13
	Task 8 - Installs steel lattice structures	3
C - Installs conductor systems	Task 9 - Installs overhead conductors and cables	13
	Task 10 - Installs underground and underwater cable	6
D - Installs auxiliary equipment	Task 11 - Installs lighting systems	3
	Task 12 - Installs voltage control equipment	9
	Task 13 - Installs protection equipment	8
	Task 14 - Installs metering equipment	4
	Task 15 - Installs communication devices	2
E - Performs operation, maintenance and repair	Task 16 - Operates distribution and transmission systems	8
	Task 17 - Maintains distribution and transmission systems	9
	Task 18 - Repairs distribution systems	9
	Task 19 - Repairs transmission systems	6
		125

Details: The Interprovincial Red Seal exam is a summative assessment intended to test an apprentice's trade knowledge gained through both on-the-job experience and technical training. Exam questions are developed by certified trade worker subject matter experts (SMEs) as well as instructors and are intended to reflect trade practices in Canada. The exams are edited, translated, and peer reviewed by additional SMEs before they are implemented. The exams are developed to test the sub-tasks of the most recent Red Seal Occupational Standard.

The Powerline Technician 2019 RSOS can be downloaded here: http://www.red-seal.ca/docms/plt_rsos2019_eng.pdf

A comparative analysis of the sub-task changes from the previous standard can be found on the [ITA trade page](#).

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