

OFFICIAL PROGRAM STANDARDS NOTIFICATION (OPSN)

Issued: August 26, 2015

Program: Instrumentation and Control Technician (Industrial Instrument Mechanic)

To: ITA Training Providers System Liaison Person

Articulation Chair School Districts

Subject: Updates to the Industrial Instrument Mechanic Program Outline and Program

Profile

OPSN No.: OPSN 2015 018

Effective

Change:

Date:

Immediately

Summary of

Please be advised that a revised Program Outline and Program Profile have been posted

to the Industry Training Authority (ITA) website.

Rationale: Employment and Social Development Canada (ESDC) released a new National

Occupational Analysis (NOA) in 2013 prompting a review of the BC Program Outline to

align the two standards.

Details: An Instrumentation and Control Technician (Industrial Instrument Mechanic) Program

Review was conducted in March, 2015 to align the ITA Industrial Instrument Mechanic Program to the 2013 NOA. The review process identified gaps and aligned the Program Outline to the NOA. Program content was also updated to the current industry standard

and Assessment Guidelines have been added to the Program Outline.

Discussions were held with industry and training providers regarding the cross-program credit granting individuals holding an Industrial Electrician Certificate of Qualification (CofQ) credit for Level 1 technical training in Industrial Instrument Mechanic. There is no

longer industry support for this cross-program credit due to insufficient alignment between the two programs. As a result of this industry feedback, the cross-program

credit for the Industrial Electrician CofQ has been removed.

Attachments: Industrial Instrument Mechanic Program Outline Review Details (Competency

Level Movement and Title Charts)

The attachment provides details of the revisions made to the Industrial Instrument

Mechanic Program Outline during the review process:

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INDUSTRIAL INSTRUMENT MECHANIC Competency Level Movement and Title Charts

<u>Competency Level Movement</u>:

Competency	Previous Level	New Level Placement
В9	3	4
B10	4	3
B11	4	3
B12	4	3
B13	4	3
C1	3, 4	4
C4	3	4
E3	1, 2	1, 3
F5	2	1
G2	1, 3	1, 2
G3	1, 3	1, 2
G4	4	3
H4	4	3
H5	2, 3	4
11	2	3, 4
18	4	3

Competency Title Changes:

Previous Competency Title	New Competency Title
C4 – Install, calibrate and maintain process analyzers	C4 – Measure analytical properties of flue gases
G4 – Configure variable speed drive (VSD) and variable frequency drive (VFD)	G4 – Install and service variable speed drive (VSD) and variable frequency drive (VFD)
H5 – Service supervisory control and data acquisition (SCADA) Systems	H5 – Install, configure, maintain and service supervisory control and data acquisition (SCADA) Systems
I5 – Service stand-alone controllers	I5 – Install and service stand-alone controllers
17 – Service programmable logic controllers (PLCs)	17 – Install, configure, maintain and service programmable logic controllers (PLCs)
18 – Service human machine interface (HMI)	18 – Install, configure, maintain and service human machine interface (HMI)