

31/06/08/10 (BLL-1) Theory

Instrument Technician

**Interprovincial
Qualification**

COUNSELLING INFORMATION

120 TOTAL QUESTIONS

Number of Questions

SECTION 1 OCCUPATIONAL SKILLS	11
Task 1 Maintains tools and equipment.	3
Task 2 Organizes work.	3
Task 3 Performs routine trade activities.	5
 SECTION 2 MEASURING AND INDICATING DEVICES	 30
Task 4 Services pressure, temperature, level and flow measuring and indicating devices.	19
Task 5 Services motion, speed, position and vibration measuring and indicating devices.	6
Task 6 Services mass, density and consistency measuring and indicating devices.	5
 SECTION 3 ANALYZERS, SAFETY SYSTEMS AND SECURITY SYSTEMS	 13
Task 7 Services analyzers.	9
Task 8 Services safety systems and security systems.	4
 SECTION 4 ENERGY SYSTEMS	 10
Task 9 Services hydraulic equipment.	4
Task 10 Services pneumatic equipment.	5
Task 11 Services electrical and electronic equipment.	1

SECTION 5 FINAL CONTROL ELEMENTS	23
Task 12 Services valves.	7
Task 13 Services actuators.	8
Task 14 Services positioners.	8
 SECTION 6 COMMUNICATIONS, NETWORKING AND SIGNAL TRANSMISSION	 13
Task 15 Services signal transmission systems.	4
Task 16 Services signal converters.	5
Task 17 Services Supervisory Control and Data Acquisition (SCADA) systems.	4
 SECTION 7 CONTROL SYSTEMS	 20
Task 18 Implements process control strategies.	3
Task 19 Services stand-alone controllers.	3
Task 20 Services programmable logic controllers (PLCs).	5
Task 21 Services distributed control systems (DCSs).	5
Task 22 Services human machine interface (HMI).	4

TIME ALLOWED 4 HOURS
PASS MARK 70%

- This is a multiple choice type examination.
- This information is to be used for candidate counselling purposes only.