



## Instrumentation and Control Technician - 2013

### Inter-provincial examinations – Tasks and related number of questions

Number of questions on each exam – 125

Block	Task	Number of Questions
A- Occupational Skills	Task 1 – Performs safety-related functions. Task 2 – Organizes work. Task 3 – Performs routine trade activities.	7  2 2 3
B – PROCESS MEASURING AND INDICATING DEVICES	Task 4 – Installs and services pressure, temperature, level and flow devices. Task 5 – Installs and services motion, speed, position and vibration devices. Task 6 – Installs and services mass, density and consistency devices. Task 7 – Installs and services process analyzers. Task 8 – Installs and services multiple variable computing devices.	35  14 5 5 7 4
C – SAFETY AND SECURITY SYSTEMS AND DEVICES	Task 9 – Installs and services safety systems and devices. Task 10 – Installs and services facility security systems. (NOT COMMON CORE) Task 11 – Installs and services safety instrumented systems (SISs).	9  5 0 4
D – HYDRAULIC, PNEUMATIC AND ELECTRICAL SYSTEMS	Task 12 – Installs and services control devices for hydraulic systems. Task 13 – Installs and services pneumatic equipment. Task 14 – Installs and services electrical and electronic equipment.	10  2 4 4
E – FINAL CONTROL DEVICES	Task 15 – Installs and services valves. Task 16 – Installs and services actuators. Task 17 – Installs and services positioners. Task 18 – Configures and services variable speed drives (VSDs).	24  7 7 7 3
F – COMMUNICATION SYSTEMS AND DEVICES	Task 19 – Installs and services control network systems. Task 20 – Installs and services signal converters. Task 21 – Installs and services gateways, bridges and media converters.	14  5 6 3

