

Industrial Electrician

Inter-provincial examinations – Tasks and related number of questions

Number of questions on each exam – 100

Block	Task	Number of Questions
Section 1- Occupational Skills		15
	Task 1 – Uses and maintain tools and equipment	3
	Task 2 – Organizes work	5
	Task 3 – Perform routine activities	2
	Task 4 – Performs trade-specific activities	5
Section 2 – Wiring & Lighting Systems		13
	Task 5 – Maintains lighting systems	3
	Task 6 – Maintains alternating current (AC) systems	7
	Task 7 – Maintains direct current (DC) systems	3
Section 3 – Power Distribution & Generating Systems		17
	Task 8 – Maintains high voltage power distribution systems	3
	Task 9 – Maintains low voltage power distribution systems	6
	Task 10 – Maintains DC power systems	3
	Task 11 – Maintains grounding and bonding systems	5
Section 4 – Electrical Equipment		20
	Task 12 – Maintains protection devices	5
	Task 13 – Maintains rotating equipment and associated controls	5
	Task 14 – Maintains drives and associated controls	5
	Task 15 – Maintains non-rotating equipment and associated controls	5

Section 5 – Emergency & Standby Systems		7
	Task 16 – Maintains uninterruptable power supply systems (UPS)	3
	Task 17 – Maintains standby power generating systems	4
Section 6 – Communication Systems		7
	Task 18 – Maintains alarm systems	3
	Task 19 – Maintains paging systems	0
	Task 20 – Maintains audiovisual systems	1
	Task 21 – Maintains network systems	3
Section 7 – Process Control Systems		14
	Task 22 – Maintains input/output field devices	7
	Task 23 – Maintains process control systems	7
Section 8 – Building & Environmental Control Systems		7
	Task 24 – Maintains electrical components of heating and cooling systems	3
	Task 25 – Maintains building automation systems	2
	Task 26 – Maintains environmental control systems	2