

**12/06/24/20 (CE12417-1) Theory**

Welder

**Interprovincial  
Qualification**

**COUNSELLING INFORMATION**

125 TOTAL QUESTIONS

Number of Questions

**SECTION 1 COMMON OCCUPATIONAL SKILLS 24**

Task 1	Maintains tools and equipment.	4
Task 2	Uses access and material handling equipment.	4
Task 3	Performs safety-related activities.	5
Task 4	Organizes work.	4
Task 5	Performs routine trade activities	7

**SECTION 2 FABRICATION AND PREPARATION OF COMPONENTS 25**

Task 6	Performs layout.	10
Task 7	Fabricates components.	15

**SECTION 3 CUTTING AND GOUGING 21**

Task 8	Tools and equipment for non-thermal cutting and grinding.	5
Task 9	Oxy-fuel gas cutting (OFC) process for cutting and gouging.	7
Task 10	Plasma arc cutting (PAC) process for cutting and gouging.	5
Task 11	Air carbon arc cutting (CAC-A) process for cutting and gouging.	4

**SECTION 4 WELDING PROCESSES 55**

Task 12	Welds using shielded metal arc welding (SMAW) process.	18
Task 13	Welds using FCAW, MCAW and GMAW processes.	21
Task 14	Welds using gas tungsten arc welding (GTAW) process.	12
Task 15	Welds using submerged arc welding (SAW) process.	4

TIME ALLOWED 4 HOURS

PASS MARK 70%

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