

07/06/25/20 (CE12481-1) Theory

Steamfitter Pipefitter

**Interprovincial
Qualification**

COUNSELLING INFORMATION

130 TOTAL QUESTIONS

Number of Questions

SECTION 1 PERFORMS COMMON OCCUP SKILLS 16

Task 1	Performs safety-related functions.	4
Task 2	Uses and maintains tools and equipment.	6
Task 3	Organizes job.	4
Task 4	Uses communication and mentoring techniques.	2

SECTION 2 PERFORMS PIPING FABRICATION 29

Task 5	Performs fabrication.	10
Task 6	Lays out and installs piping, tubing, fittings and related components.	12
Task 7	Installs, maintains, troubleshoots, repairs and tests valves.	4
Task 8	Installs, tests, maintains, troubleshoots and repairs heat tracing systems.	3

SECTION 3 PERFORMS RIGGING HOISTING 15

Task 9	Performs common rigging, hoisting, lifting and positioning.	10
Task 10	Performs complex and critical rigging, hoisting, lifting and positioning.	5

SECTION 4 LOW AND HIGH PRESSURE SYSTEMS 24

Task 11	Installs, tests, maintains, troubleshoots and repairs low pressure steam and condensate systems.	10
Task 12	Installs, tests, maintains, troubleshoots and repairs high pressure steam and condensate systems.	14

SECTION 5 HEATING COOLING SYSTEMS 27

Task 13	Installs, tests, maintains, troubleshoots and repairs hydronic systems.	6
Task 14	Installs, tests, maintains, troubleshoots and repairs process piping systems.	5
Task 15	Installs, tests, maintains, troubleshoots and repairs industrial water and waste treatment systems.	3
Task 16	Installs, tests, maintains, troubleshoots and repairs hydraulic systems.	3
Task 17	Installs, tests, maintains, troubleshoots and repairs heating, ventilation, air conditioning and refrigeration (HVACR) systems.	2
Task 18	Installs, tests, maintains, troubleshoots and repairs fuel systems.	3
Task 19	Installs, tests, maintains, troubleshoots and repairs medical gas systems.	2
Task 20	Installs, tests, maintains, troubleshoots and repairs compressed air and pneumatic systems.	3

SECTION 6 RENEWABLE ENERGY SYSTEMS 8

Task 21	Installs, tests, maintains, troubleshoots and repairs geo-exchange and geothermal systems	2
Task 22	Installs, tests, maintains, troubleshoots and repairs solar heating systems.	2
Task 23	Installs, tests, maintains, troubleshoots and repairs heat recovery systems.	4

SECTION 7 PERFORMS COMMISSIONING 11

Task 24 Prepares system for commissioning, start-up and turnover. 6

Task 25 Commissions systems. 5

TIME ALLOWED 4 HOURS

PASS MARK 70%

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