

07/06/20/40 (CE12013-1) Theory

Steamfitter-Pipefitter

**Interprovincial
Qualification**

COUNSELLING INFORMATION

130 TOTAL QUESTIONS

Number of Questions

| | | |
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| SECTION 1 | COMMON OCCUPATIONAL SKILLS | 16 |
| Task 1 | Performs safety-related functions. | 5 |
| Task 2 | Uses and maintains tools and equipment. | 5 |
| Task 3 | Organizes work. | 6 |
| SECTION 2 | LAYOUT, FABRICATION AND PIPING INSTALLATION | 29 |
| Task 4 | Performs fabrication. | 9 |
| Task 5 | Installs piping, tubing, fittings and related components. | 11 |
| Task 6 | Installs maintains, troubleshoots, repairs and test valves. | 6 |
| Task 7 | Installs tracing systems. | 3 |
| SECTION 3 | RIGGING, HOISTING, LIFTING AND POSITIONING | 17 |
| Task 8 | Common rigging, hoisting, lifting and positioning. | 11 |
| Task 9 | Critical rigging, hoisting, lifting and positioning. | 6 |
| SECTION 4 | STEAM SYSTEM INSTALLATION | 24 |
| Task 10 | Installs low pressure process steam systems. | 11 |
| Task 11 | Installs high pressure process steam systems. | 13 |
| SECTION 5 | HEATING, COOLING AND PROCESS SYSTEM INSTALLATION | 26 |
| Task 12 | Installs hydronic systems. | 6 |
| Task 13 | Installs process piping systems. | 6 |
| Task 14 | Installs industrial water and waste treatment systems. | 2 |
| Task 15 | Installs hydraulic systems. | 2 |
| Task 16 | Installs refrigeration (HVACR) systems. | 3 |

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| Task 17 | Installs fuel systems. | 2 |
| Task 18 | Installs medical gas systems. | 2 |
| Task 19 | Installs compressed air systems. | 3 |
| Task 20 | Installs fire protection systems. | 0 |
| SECTION 6 RENEWABLE ENERGY SYSTEM INSTALLATION | | 7 |
| Task 21 | Installs geo-thermal systems. | 2 |
| Task 22 | Installs solar heating systems. | 1 |
| Task 23 | Installs heat recovery systems. | 4 |
| SECTION 7 TESTING AND COMMISSIONING | | 11 |
| Task 24 | Prepares system for test. | 6 |
| Task 26 | Commissions systems. | 5 |

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.