



Steamfitter/Pipefitter

Inter-provincial examinations – Tasks and related number of questions

Based on 2015 RSOS

Block	Task	Number of Questions
A – PERFORMS COMMON OCCUPATIONAL SKILLS	Task 1 - Performs safety-related functions Task 2 - Uses and maintains tools and equipment Task 3 - Organizes job	5 5 6 16
B - PERFORMS LAYOUT, FABRICATION AND PIPING INSTALLATION	Task 4 - Performs fabrication Task 5 - Lays out, identifies and installs piping, tubing, fittings and related components Task 6 - Installs, maintains, troubleshoots, repairs and tests valves Task 7 - Installs, tests, maintains, troubleshoots and repairs heat tracing systems	9 11 6 3 29
C - PERFORMS RIGGING, HOISTING, LIFTING AND POSITIONING	Task 8 - Performs common rigging, hoisting, lifting and positioning Task 9 - Performs complex and critical rigging, hoisting, lifting and positioning	11 6 17
D - INSTALLS, TESTS, MAINTAINS, TROUBLESHOOTS AND REPAIRS LOW AND HIGH PRESSURE STEAM AND CONDENSATE SYSTEMS	Task 10 - Installs, tests, maintains, troubleshoots and repairs low pressure steam and condensate systems Task 11 - Installs, tests, maintains, troubleshoots and repairs high pressure steam and condensate systems	11 13 24
E - INSTALLS, TESTS, MAINTAINS, TROUBLESHOOTS AND REPAIRS HEATING, COOLING AND PROCESS PIPING SYSTEMS	Task 12 - Installs, tests, maintains, troubleshoots and repairs hydronic systems Task 13 - Installs, tests, maintains, troubleshoots and repairs process piping systems Task 14 - Installs, tests, maintains, troubleshoots and repairs industrial water and waste treatment systems Task 15 - Installs, tests, maintains, troubleshoots and repairs hydraulic systems Task 16 - Installs, tests, maintains, troubleshoots & repairs heating, ventilation, air conditioning & refrigeration (HVACR) systems Task 17 - Installs, tests, maintains, troubleshoots and repairs fuel systems Task 18 - Installs, tests, maintains, troubleshoots and repairs medical gas systems Task 19 - Installs, tests, maintains, troubleshoots and repairs compressed air and pneumatic systems Task 20 - Installs and tests fire protection systems. [NOT COMMON CORE]	6 6 2 2 3 2 2 3 0 26
F - INSTALLS, TESTS, MAINTAINS, TROUBLESHOOTS AND REPAIRS RENEWABLE ENERGY SYSTEMS	Task 21 - Installs, tests, maintains, troubleshoots and repairs geo-exchange and geothermal systems Task 22 - Installs, tests, maintains, troubleshoots and repairs solar heating systems Task 23 - Installs, tests, maintains, troubleshoots and repairs heat recovery systems	2 1 4 7
G - PERFORMS COMMISSIONING, START-UP AND TURNOVER	Task 24 - Prepares system for commissioning, start-up and turnover Task 25 - Commissions systems	6 5 11
		130