

CSA Gas Trade Training Series		Gas Trade 3 Training									Gas Trade 2 Training														Gas Trade 1 Training																
		Unit	1	2	3	4	4A	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27a	27b	28	29	30	31						
2014 Red Seal Block	2014 Red Seal Task	Title	Safety	Fasteners, Tools and Testing Instruments	Properties, Characteristics, and Safe Handling of Fuel Gases	Utilization Codes, Acts and Regulations	Utilization Codes, Acts, and Regulations – Ontario Supplement	Introduction to Electricity	Technical Manuals, Specifications, Drawings and Graphs	Customer Relations	Introduction to Piping and Tubing Systems	Introduction to Gas Appliances	Piping and Tubing Systems for Industrial and Commercial Applications	Basic Electricity for Gas-fired Equipment	Controls: Fundamentals	The Building as a System	Domestic Appliances	Pressure Regulators, Overpressure Protection, Meters and Fuel Containers	Domestic Gas-fired Refrigerators	Conversion Burners	Water Heaters and Combination Systems	Forced Warm-air Heating Systems	Hydronic Heating Systems	Space Heaters and Decorative Appliances	Vending Practices	Forced-air Add-on Devices	Air Handling	Liquid Propane	Flame Safeguard	Commercial/Industrial Appliances over 400 000 Btu/h (120 kW)	Commercial Cooking Equipment	Gas-fired Air-Conditioning	Advanced Electricity for Gas-fired Equipment	Controls: Purpose and Operation	C Valve Trains and Burners						
			A - Common Occupational Skills	Task 1	Performs safety-related functions.	✓																																			
Task 2	Maintains and uses tools and equipment.	✓		✓	✓								✓	✓																											
Task 3	Plans and prepares for installation, service and maintenance.	✓				✓	✓	✓	✓																																
B - Gas Piping Preparation and Assembly	Task 4	Fits tube and tubing for gas piping systems.									✓																														
	Task 5	Fits plastic pipe for gas piping systems.									✓																														
	Task 6	Fits steel pipe for gas piping systems.									✓																														
C - Venting and Air Supply Systems	Task 7	Installs venting.																																							
	Task 8	Installs air supply system.														✓																									
	Task 9	Installs draft control systems.																																							
D - Controls and Electrical Systems	Task 10	Selects and installs electronic components.							✓																																
	Task 11	Selects and installs electrical components.																																							
	Task 12	Installs automation and instrumentation control systems.																																							
E - Installation of Systems and Equipment	Task 13	Installs gas-fired system piping and equipment.																																							
	Task 14	Installs gas-fired system components.																																							
	Task 15	Installs propane storage and handling systems.																																							
F - Testing & Commissioning of Gas-fired Systems	Task 16	Tests gas-fired systems.																																							
	Task 17	Commissions gas-fired systems.	✓	✓	✓	✓	✓	✓																																	
G - Servicing Gas-fired Systems	Task 18	Maintains gas-fired systems.																																							
	Task 19	Repairs gas-fired systems.																																							
	Task 20	Decommissions gas-fired systems.	✓	✓	✓	✓	✓	✓																																	