

Gasfitter A POA (2010) Subtask to Unit Comparison
Note: Tasks 15 through 17 relate to The Gasfitter A Program

NOA Subtask		Manitoba Unit(s)
Task 1 – Participates in workplace health and safety practices.		
1.01	Demonstrates basic safety awareness.	A1 Introduction to Your Apprenticeship
		A2 Trade Safety Awareness
		A3 Tools and Equipment (includes Piping, Soldering-2hrs, and Steel Welding-6 hrs)
1.02	Uses safety gear and personal protective equipment.	A1 Introduction to Your Apprenticeship
		A2 Trade Safety Awareness
		A3 Tools and Equipment (includes Piping, Soldering-2hrs, and Steel Welding-6 hrs)
1.03	Maintains a safe workplace environment.	A1 Introduction to Your Apprenticeship
		A2 Trade Safety Awareness
		A3 Tools and Equipment (includes Piping, Soldering-2hrs, and Steel Welding-6 hrs)
1.04	Installs and Maintains Liquid Petroleum (LP) Storage and Handling Facilities.	A6 Gas Code (includes Propane)
		A8 Sciences I (includes heat load calculations, fan laws, and pumps)
		B9 Alternate Fuel Systems
1.05	Follows Safety/Health Acts and regulations.	A1 Introduction to Your Apprenticeship
		A2 Trade Safety Awareness
Task 2 – Uses equipment, hand/power tools, instruments, and wiring methods.		
2.01	Uses hand tools.	A2 Trade Safety Awareness
		A3 Tools and Equipment (includes Piping, Soldering-2hrs, and Steel Welding-6 hrs)
2.02	Uses power tools.	A2 Trade Safety Awareness
		A3 Tools and Equipment (includes Piping, Soldering-2hrs, and Steel Welding-6 hrs)
2.03	Uses powder-actuated tools.	A2 Trade Safety Awareness
		A3 Tools and Equipment (includes Piping, Soldering-2hrs, and Steel Welding-6 hrs)
2.04	Uses technical instruments, and testers.	A3 Tools and Equipment (includes Piping, Soldering-2hrs, and Steel Welding-6 hrs)
2.05	Operates aerial platforms and other lift-trucks.	A3 Tools and Equipment (includes Piping, Soldering-2hrs, and Steel Welding-6 hrs)
2.06	Follow approved wiring methods.	A2 Trade Safety Awareness
		A5 Electrical Fundamentals and CE Code
2.07	Solders wire.	A3 Tools and Equipment (includes Piping, Soldering-2hrs, and Steel Welding-6 hrs)

Task 3 – Reads and interprets prints, and manuals.		
3.01	Reads and interprets codes, company policies, company maintenance manuals, and manufacturer manuals.	A1 Introduction to Your Apprenticeship
		A2 Trade Safety Awareness
		A10 Communications with Co-workers and Others
3.02	Reads and interprets drawings (e.g., electrical, structural, architectural, mechanical and civil, block diagrams, and PLC logic drawings).	A4 Drawings and Blueprints
3.03	Reads and interprets Canadian Gas Codes, and the Manitoba Regulation	A2 Trade Safety Awareness
		A6 Gas Code (includes Propane)
		A10 Communications with Co-workers and Others
Task 4 Communicates on the job.		
4.01	Establishes and maintains effective communications with co-workers and others.	A1 Introduction to Your Apprenticeship
		A2 Trade Safety Awareness
		A10 Communications with Co-workers and Others
4.02	Uses computers.	A9 Computers
4.03	Uses telephone and fax.	A10 Communications with Co-workers and Others
4.04	Demonstrates use of hand signals and two-way radios.	A2 Trade Safety Awareness
		A10 Communications with Co-workers and Others
4.05	Uses diagrams, schedules, and charts to communicate.	A2 Trade Safety Awareness
		A10 Communications with Co-workers and Others
4.06	Completes documentation, and reports.	A10 Communications with Co-workers and Others
Task 5 – Trains personnel.		
5.01	Conducts orientation.	A1 Introduction to Your Apprenticeship
		A2 Trade Safety Awareness
		A10 Communications with Co-workers and Others
		B7 Mentoring/Coaching
5.02	Assesses capabilities.	A1 Introduction to Your Apprenticeship
		A2 Trade Safety Awareness
		A10 Communications with Co-workers and Others
		B7 Mentoring/Coaching
5.03	Provides direction, guidance.	A1 Introduction to Your Apprenticeship
		A2 Trade Safety Awareness
		A10 Communications with Co-workers and Others
		B7 Mentoring/Coaching
5.04	Supervises, monitors.	A1 Introduction to Your Apprenticeship
		A2 Trade Safety Awareness
		A10 Communications with Co-workers and Others

		B7 Mentoring/Coaching
5.05	Evaluates performance.	A1 Introduction to Your Apprenticeship A2 Trade Safety Awareness A10 Communications with Co-workers and Others B7 Mentoring/Coaching
Task 6 – Uses mathematical and scientific methods fundamental to the gasfitter trade.		
6.01	Performs mathematical operations required to solve technical problems.	A7 Mathematics A8 Sciences I (includes heat load calculations, fan laws, and pumps)
6.02	Applies scientific principles to the solution of technical problems.	A8 Sciences I (includes heat load calculations, fan laws, and pumps)
Task 7 – Uses basic electrical, electronic, and digital devices and circuits.		
7.01	Applies electrical concepts to job-related tasks.	A5 Electrical Fundamentals and CE Code B6 Electrical Requirements
7.02	Applies electronic concepts to job-related tasks.	A5 Electrical Fundamentals and CE Code B6 Electrical Requirements
7.03	Applies digital logic concepts to job-related tasks.	A5 Electrical Fundamentals and CE Code B6 Electrical Requirements
7.04	Analyzes single and three-phase systems.	A5 Electrical Fundamentals and CE Code B6 Electrical Requirements
Task 8 - Maintains and Services Gas-fired Equipment.		
8.01	Maintains Gas-fired Equipment.	A6 Gas Code (includes Propane) B1 Gas/Safety Control Requirements B3 Gas Burning Equip. and Materials Determination/Burner Orifice Sizing/Conversion Work B4 Longest Run/Gas Burning Equip. BTUH Input Demand, Systems/Pipe Size Determination/Pressure and Measurement Requirements B.5 Tests/Inspects Piping and Gas Appliance Efficiency
8.02	Services Gas-fired Equipment.	A6 Gas Code (includes Propane) B1 Gas/Safety Control Requirements B3 Gas Burning Equip. and Materials Determination/Burner Orifice Sizing/Conversion Work B4 Longest Run/Gas Burning Equip. BTUH Input Demand, Systems/Pipe Size Determination/Pressure and Measurement Requirements B5 Tests/Inspects Piping and Gas Appliance Efficiency
Task 9 – Joins copper tube and tubing for Gas systems.		
9.01	Cuts copper tube and tubing for gas systems.	B3 Gas Burning Equip. and Materials Determination/Burner Orifice Sizing/Conversion Work B4 Longest Run/Gas Burning Equip. BTUH Input Demand, Systems/Pipe Size Determination/Pressure and Measurement Requirements
9.02	Bends copper tube and tubing for gas	B4 Longest Run/Gas Burning Equip. BTUH Input Demand,

	systems.	Systems/Pipe Size Determination/Pressure and Measurement Requirements
9.03	Joins copper tube and tubing for gas systems.	B1 Gas/Safety Control Requirements
		B3 Gas Burning Equip. and Materials Determination/Burner Orifice Sizing/Conversion Work
		B4 Longest Run/Gas Burning Equip. BTUH Input Demand, Systems/Pipe Size Determination/Pressure and Measurement Requirements
		B5 Tests/Inspects Piping and Gas Appliance Efficiency
Task 10 – Joins plastic pipe for gas systems.		
10.01	Cuts plastic pipe for gas systems.	B3 Gas Burning Equip. and Materials Determination/Burner Orifice Sizing/Conversion Work
		B4 Longest Run/Gas Burning Equip. BTUH Input Demand, Systems/Pipe Size Determination/Pressure and Measurement Requirements
		B5 Tests/Inspects Piping and Gas Appliance Efficiency
10.02	Joins plastic pipe for gas systems.	B3 Gas Burning Equip. and Materials Determination/Burner Orifice Sizing/Conversion Work
		B4 Longest Run/Gas Burning Equip. BTUH Input Demand, Systems/Pipe Size Determination/Pressure and Measurement Requirements
		B5 Tests/Inspects Piping and Gas Appliance Efficiency
Task 11 – Joins steel pipe for gas systems.		
11.01	Cuts steel pipe for gas systems.	B3 Gas Burning Equip. and Materials Determination/Burner Orifice Sizing/Conversion Work
		B4 Longest Run/Gas Burning Equip. BTUH Input Demand, Systems/Pipe Size Determination/Pressure and Measurement Requirements
		B5 Tests/Inspects Piping and Gas Appliance Efficiency
11.02	Joins steel pipe for gas systems.	B3 Gas Burning Equip. and Materials Determination/Burner Orifice Sizing/Conversion Work
		B4 Longest Run/Gas Burning Equip. BTUH Input Demand, Systems/Pipe Size Determination/Pressure and Measurement Requirements
		B5 Tests/Inspects Piping and Gas Appliance Efficiency
Task 12 – Performs Layouts and Pipesizing of ‘B’ Gas-Fired Equipment.		
12.01	Performs ‘B’ Gas-Fired Equipment Layouts.	A6 Gas Code (includes Propane)
		B1 Gas/Safety Control Requirements
		B3 Gas Burning Equip. and Materials Determination/Burner Orifice Sizing/Conversion Work
		B4 Longest Run/Gas Burning Equip. BTUH Input Demand, Systems/Pipe Size Determination/Pressure and Measurement Requirements
		B5 Tests/Inspects Piping and Gas Appliance Efficiency
12.02	Pipesizes Gas-Fired Equipment.	A6 Gas Code (includes Propane)
		B1 Gas/Safety Control Requirements
		B3 Gas Burning Equip. and Materials Determination/Burner Orifice Sizing/Conversion Work
		B4 Longest Run/Gas Burning Equip. BTUH Input Demand, Systems/Pipe Size Determination/Pressure and Measurement Requirements

		B5 Tests/Inspects Piping and Gas Appliance Efficiency
12.03	Sizes venting and air supply systems.	A6 Gas Code (includes Propane) B1 Gas/Safety Control Requirements B2 Supply Air/Venting Permit Requirements
Task 13 – Installs ‘B’ Gas-Fired Equipment.		
13.01	Installs piping.	A3 Tools and Equipment (includes Piping, Soldering-2hrs, and Steel Welding-6 hrs) A6 Gas Code (includes Propane) B4 Longest Run/Gas Burning Equip. BTUH Input Demand, Systems/Pipe Size Determination/Pressure and Measurement Requirements
13.02	Installs equipment.	A3 Tools and Equipment (includes Piping, Soldering-2hrs, and Steel Welding-6 hrs) A6 Gas Code (includes Propane) B4 Longest Run/Gas Burning Equip. BTUH Input Demand, Systems/Pipe Size Determination/Pressure and Measurement Requirements
13.03	Installs electrical and controls.	A5 Electrical Fundamentals and CE Code A6 Gas Code (includes Propane) B1 Gas/Safety Control Requirements B6 Electrical Requirements
13.04	Installs venting and air supply systems.	A5 Electrical Fundamentals and CE Code B1 Gas/Safety Control Requirements B2 Supply Air/Venting Permit Requirements A6 Gas Code (includes Propane)
Task 14 – Tests and Inspects ‘B’ Gas-Fired Equipment.		
14.01	Tests and Inspects gas-piping system.	A3 Tools and Equipment (includes Piping, Soldering-2hrs, and Steel Welding-6 hrs) A6 Gas Code (includes Propane) B4 Longest Run/Gas Burning Equip. BTUH Input Demand, Systems/Pipe Size Determination/Pressure and Measurement Requirements B5 Tests/Inspects Piping and Gas Appliance Efficiency
14.02	Performs manufacturer’s start-up procedure.	A6 Gas Code (includes Propane) B1 Gas/Safety Control Requirements B3 Gas Burning Equip. and Materials Determination/Burner Orifice Sizing/Conversion Work B4 Longest Run/Gas Burning Equip. BTUH Input Demand, Systems/Pipe Size Determination/Pressure and Measurement Requirements B5 Tests/Inspects Piping and Gas Appliance Efficiency
14.03	Inspects gas piping system.	A6 Gas Code (includes Propane) B1 Gas/Safety Control Requirements B3 Gas Burning Equip. and Materials Determination/Burner Orifice Sizing/Conversion Work B4 Longest Run/Gas Burning Equip. BTUH Input Demand, Systems/Pipe Size Determination/Pressure and Measurement Requirements B5 Tests/Inspects Piping and Gas Appliance Efficiency
14.04	Completes start-up procedure.	A6 Gas Code (includes Propane)

		B1 Gas/Safety Control Requirements
		B3 Gas Burning Equip. and Materials Determination/Burner Orifice Sizing/Conversion Work
		B4 Longest Run/Gas Burning Equip. BTUH Input Demand, Systems/Pipe Size Determination/Pressure and Measurement Requirements
		B5 Tests/Inspects Piping and Gas Appliance Efficiency
Task 15 – Performs Layouts and Pipesizing of “A” Gas Fired Equipment.		
15.01	Performs “A” Gas-Fired Equipment layouts.	A3 Tools and Equipment (includes Piping, Soldering-2hrs, and Steel Welding-6 hrs)
		A6 Gas Code (includes Propane)
		B4 Longest Run/Gas Burning Equip. BTUH Input Demand, Systems/Pipe Size Determination/Pressure and Measurement Requirements
		C5 B149.3 Gas Codes and MB Gas Notices
		C9 Liquid Propane
15.02	Pipesizes “A” Gas-Fired Equipment.	A6 Gas Code (includes Propane)
		B1 Gas/Safety Control Requirements
		B3 Gas Burning Equip. and Materials Determination/Burner Orifice Sizing/Conversion Work
		B4 Longest Run/Gas Burning Equip. BTUH Input Demand, Systems/Pipe Size Determination/Pressure and Measurement Requirements
		B5 Tests/Inspects Piping and Gas Appliance Efficiency
		C4 Electrical (Controls, Phasing, CE, Flame Safeguard Systems)
		C5 B149.3 Gas Codes and MB Gas Notices
		C6 ‘A’ Gas Fired Equipment Layout
		C10 Combustion Analysis
		C11 Other Gas Fired Equip. (e.g. Mine shaft heaters, grain dryers)
15.03	Sizes venting and air supply systems.	A6 Gas Code (includes Propane)
		B1 Gas/Safety Control Requirements
		B2 Supply Air/Venting Permit Requirements
		C2 Maths (includes gas trade formulas)
		C4 Electrical (Controls, Phasing, CE, Flame Safeguard Systems)
		C5 B149.3 Gas Codes and MB Gas Notices
		C6 ‘A’ Gas Fired Equipment Layout
		C8 Air Make ups
Task 16 – Installs ‘A’ Gas-Fired Equipment.		
16.01	Installs piping.	A3 Tools and Equipment (includes Piping, Soldering-2hrs, and Steel Welding-6 hrs)
		A6 Gas Code (includes Propane)
		B4 Longest Run/Gas Burning Equip. BTUH Input Demand, Systems/Pipe Size Determination/Pressure and Measurement Requirements
		C2 Maths (includes gas trade formulas)
		C4 Electrical (Controls, Phasing, CE, Flame Safeguard Systems)
		C5 B149.3 Gas Codes and MB Gas Notices
		C6 ‘A’ Gas Fired Equipment Layout
		C8 Air Make ups
16.02	Installs equipment.	A3 Tools and Equipment (includes Piping, Soldering-2hrs, and Steel Welding-6 hrs)
		A6 Gas Code (includes Propane)

		B4 Longest Run/Gas Burning Equip. BTUH Input Demand, Systems/Pipe Size Determination/Pressure and Measurement Requirements
		C2 Maths (includes gas trade formulas)
		C4 Electrical (Controls, Phjasing, CE, Flame Safeguard Systems)
		C5 B149.3 Gas Codes and MB Gas Notices
		C6 'A' Gas Fired Equipment Layout
		C8 Air Make ups
		D6 Industrial Burner Installations (as per Manufacturer Specs)
16.03	Installs electrical equipment and controls.	A5 Electrical Fundamentals and CE Code
		A6 Gas Code (includes Propane)
		B1 Gas/Safety Control Requirements
		B 6 Electrical Requirements
		C2 Maths (includes gas trade formulas)
		C4 Electrical (Controls, Phjasing, CE, Flame Safeguard Systems)
		C5 B149.3 Gas Codes and MB Gas Notices
		C6 'A' Gas Fired Equipment Layout
		C8 Air Make ups
		D3 Electrical Controls (Bldg Systems)
		D6 Industrial Burner Installations (as per Manufacturer Specs)
16.04	Installs venting and air supply systems.	A5 Electrical Fundamentals and CE Code
		B1 Gas/Safety Control Requirements
		B2 Supply Air/Venting Permit Requirements
		A6 Gas Code (includes Propane)
		C2 Maths (includes gas trade formulas)
		C4 Electrical (Controls, Phjasing, CE, Flame Safeguard Systems)
		C5 B149.3 Gas Codes and MB Gas Notices
		C6 'A' Gas Fired Equipment Layout
		C8 Air Make ups
		D6 Industrial Burner Installations (as per Manufacturer Specs)
Task 17 – Tests and Inspects A Gas-Fired Equipment.		
17.01	Tests gas piping system.	
		A3 Tools and Equipment (includes Piping, Soldering-2hrs, and Steel Welding-6 hrs)
		A6 Gas Code (includes Propane)
		B4 Longest Run/Gas Burning Equip. BTUH Input Demand, Systems/Pipe Size Determination/Pressure and Measurement Requirements
		B5 Tests/Inspects Piping and Gas Appliance Efficiency
		C2 Maths (includes gas trade formulas)
		C4 Electrical (Controls, Phjasing, CE, Flame Safeguard Systems)
		C5 B149.3 Gas Codes and MB Gas Notices
		C6 'A' Gas Fired Equipment Layout
		C8 Air Make ups
		D6 Industrial Burner Installations (as per Manufacturer Specs)
		D7 Troubleshooting

17.02	Performs manufacturer's start-up procedure.	A6 Gas Code (includes Propane)
		B1 Gas/Safety Control Requirements
		B3 Gas Burning Equip. and Materials Determination/Burner Orifice Sizing/Conversion Work
		B4 Longest Run/Gas Burning Equip. BTUH Input Demand, Systems/Pipe Size Determination/Pressure and Measurement Requirements
		B5 Tests/Inspects Piping and Gas Appliance Efficiency
		C2 Maths (includes gas trade formulas)
		C4 Electrical (Controls, Phjasing, CE, Flame Safeguard Systems)
		C5 B149.3 Gas Codes and MB Gas Notices
		C6 'A' Gas Fired Equipment Layout
		C8 Air Make ups
		D2 Commissioning (Gas Notices)
		D6 Industrial Burner Installations (as per Manufacturer Specs)
17.03	Inspects gas piping system.	A6 Gas Code (includes Propane)
		B1 Gas/Safety Control Requirements
		B3 Gas Burning Equip. and Materials Determination/Burner Orifice Sizing/Conversion Work
		B4 Longest Run/Gas Burning Equip. BTUH Input Demand, Systems/Pipe Size Determination/Pressure and Measurement Requirements
		B5 Tests/Inspects Piping and Gas Appliance Efficiency
		C2 Maths (includes gas trade formulas)
		C4 Electrical (Controls, Phjasing, CE, Flame Safeguard Systems)
		C5 B149.3 Gas Codes and MB Gas Notices
		C6 'A' Gas Fired Equipment Layout
		C8 Air Make ups
		D2 Commissioning (Gas Notices)
		D6 Industrial Burner Installations (as per Manufacturer Specs)
17.04	Completes start-up procedure.	A6 Gas Code (includes Propane)
		B1 Gas/Safety Control Requirements
		B3 Gas Burning Equip. and Materials Determination/Burner Orifice Sizing/Conversion Work
		B4 Longest Run/Gas Burning Equip. BTUH Input Demand, Systems/Pipe Size Determination/Pressure and Measurement Requirements
		B5 Tests/Inspects Piping and Gas Appliance Efficiency
		B5 Tests/Inspects Piping and Gas Appliance Efficiency
		C2 Maths (includes gas trade formulas)
		C4 Electrical (Controls, Phjasing, CE, Flame Safeguard Systems)
		C5 B149.3 Gas Codes and MB Gas Notices
		C6 'A' Gas Fired Equipment Layout
		C8 Air Make ups
		D2 Commissioning (Gas Notices)
		D6 Industrial Burner Installations (as per Manufacturer Specs)
		D7 LPG Updates and Gaseous Products
Task 18 – Troubleshoots gas equipment.		
18.01	Recognizes and analyzes problem.	A5 Electrical Fundamentals and CE Code
		A6 Gas Code (includes Propane)

		B1 Gas/Safety Control Requirements
		B2 Supply Air/Venting Permit Requirements
		B3 Gas Burning Equip. and Materials Determination/Burner Orifice Sizing/Conversion Work
		B4 Longest Run/Gas Burning Equip. BTUH Input Demand, Systems/Pipe Size Determination/Pressure and Measurement Requirements
		B5 Tests/Inspects Piping and Gas Appliance Efficiency
		B 6 Electrical Requirements
		B8 Applied Trade Projects
		B9 Alternate Fuel Systems
18.02	Selects tools, equipment, and personnel to address problem.	A3 Tools and Equipment (includes Piping, Soldering-2hrs, and Steel Welding-6 hrs)
		B4 Longest Run/Gas Burning Equip. BTUH Input Demand, Systems/Pipe Size Determination/Pressure and Measurement Requirements
		B7 Mentoring/Coaching
		B8 Applied Trade Projects
Task 19 – Repairs Gas Equipment.		
19.01	Resolves problem.	A3 Tools and Equipment (includes Piping, Soldering-2hrs, and Steel Welding-6 hrs)
		A5 Electrical Fundamentals and CE Code
		A6 Gas Code (includes Propane)
		B1 Gas/Safety Control Requirements
		B2 Supply Air/Venting Permit Requirements
		B3 Gas Burning Equip. and Materials Determination/Burner Orifice Sizing/Conversion Work
		B4 Longest Run/Gas Burning Equip. BTUH Input Demand, Systems/Pipe Size Determination/Pressure and Measurement Requirements
		B5 Tests/Inspects Piping and Gas Appliance Efficiency
		B 6 Electrical Requirements
		B8 Applied Trade Projects
		B9 Alternate Fuel Systems
19.02	Verifies problem has been resolved.	A3 Tools and Equipment (includes Piping, Soldering-2hrs, and Steel Welding-6 hrs)
		A5 Electrical Fundamentals and CE Code
		A6 Gas Code (includes Propane)
		B1 Gas/Safety Control Requirements
		B2 Supply Air/Venting Permit Requirements
		B3 Gas Burning Equip. and Materials Determination/Burner Orifice Sizing/Conversion Work
		B4 Longest Run/Gas Burning Equip. BTUH Input Demand, Systems/Pipe Size Determination/Pressure and Measurement Requirements
		B5 Tests/Inspects Piping and Gas Appliance Efficiency
		B6 Electrical Requirements
		B8 Applied Trade Projects
		B9 Alternate Fuel Systems
Task 20 – Plans project requirements.		
20.01	Plans project requirements.	A2 Trade Safety Awareness
		A3 Tools and Equipment (includes Piping, Soldering-2hrs, and Steel Welding-6 hrs)
		A5 Electrical Fundamentals and CE Code
		A6 Gas Code (includes Propane)
		A10 Communications with Co-workers and Others

		B2 Supply Air/Venting Permit Requirements
		B7 Mentoring/Coaching
		B8 Applied Trade Projects
20.02	Estimates budget and cost-control.	A2 Trade Safety Awareness
		A3 Tools and Equipment (includes Piping, Soldering-2hrs, and Steel Welding-6 hrs)
		A5 Electrical Fundamentals and CE Code
		A6 Gas Code (includes Propane)
		A10 Communications with Co-workers and Others
		B7 Mentoring/Coaching
		B8 Applied Trade Projects
20.03	Schedules activities.	A2 Trade Safety Awareness
		A3 Tools and Equipment (includes Piping, Soldering-2hrs, and Steel Welding-6 hrs)
		A10 Communications with Co-workers and Others
		B7 Mentoring/Coaching
		B8 Applied Trade Projects
20.04	Organizes materials and tools.	A2 Trade Safety Awareness
		A3 Tools and Equipment (includes Piping, Soldering-2hrs, and Steel Welding-6 hrs)
		A10 Communications with Co-workers and Others
		B7 Mentoring/Coaching
		B8 Applied Trade Projects
20.05	Coordinates labor and other trade requirements.	A2 Trade Safety Awareness
		A3 Tools and Equipment (includes Piping, Soldering-2hrs, and Steel Welding-6 hrs)
		A10 Communications with Co-workers and Others
		B7 Mentoring/Coaching
		B8 Applied Trade Projects