

# Pipefitter/Steamfitter Work Processes

<u>Work Process:</u>	<u>Approximate Hours:</u>
A. <u>Process Piping</u> High purity piping systems, chemical piping, vacuum lines, installation, component maintenance rehabilitation, pipe bending, piping design, system layout, and take off of all trade related work.	1,525
B. <u>Heating/Steam &amp; Steam Condensate</u> Installation, service, maintenance and rehabilitation of piping and related equipment for steam piping, steam boilers, steam turbines, oil burners, stockers, fuel burners, heaters, heat exchangers, hot water heating, solar plants, commercial and industrial installations.	1,525
C. <u>Chilled &amp; Cooling Waters</u> Installation, service, maintenance and rehabilitation of piping and related equipment for chilled water, cooling water, chillers, coolers, pumps heat exchangers, condensers, and their appurtenances.	1,025
D. <u>Controls</u> Instrumentation: installation, calibration, repair of pneumatic, electrical, hydraulic, and electronic equipment and controls. Installation, testing, service, maintenance and rehabilitation of instrumentation, controls, and message tubing. Energy management : computer aided system controls, computer literacy. Systems: start, test and balance. Green Systems Awareness.	1,000
E. <u>Welding, Brazing</u> All welding processes in connection with the trade, including layout and pipe line work. Soldering, brazing, and joining of pipe materials.	1,300
F. <u>Rigging, Hanger &amp; Supports</u> Rigging (Their segments and all safety practices involved.) Installation practices: support systems, concrete inserts and piping hangers.	525
G. <u>Tools &amp; Safety</u> Tool room and warehouse experience in handling all related materials and equipment. Repair and operation of machines, power and hand tools. Safety practices. Trenching, back filing, canning and core drilling. Proper use of scaffolds and ladders.	600
<u>Total Hours</u>	7,500