

PLUMBING WORK PROCESSES

WORK PROCESSES	REQUIRED PROGRAM HOURS
<p>A. Drain, Waste, and Vent</p> <ul style="list-style-type: none"> • Install no hub cast iron pipe • Install hub and spigot cast iron pipe • Install ABS pipe • Install PVC – DWV pipe • Install polypropylene pipe • Install copper DWV • Install drains, cleanouts, roof drains, and vents • Utilize ‘Green’ materials when applicable • Testing and repair 	2050
<p>B. Domestic Water and Sustainable Water Systems</p> <ul style="list-style-type: none"> • Install copper pipe • Install PVC Pipe • Install C900 underground pipe • Install ductile iron pipe • Install backflow preventers • Install water meters and regulators • Testing and repair 	2050
<p>C. Natural Gas</p> <ul style="list-style-type: none"> • Install steel piping • Install polyethylene • Install PVC • Set gas meters and regulators • Utilize ‘Green’ materials when applicable • Testing and repair 	750
<p>D. Steam, Hot Water, Chilled Water, Boilers, Geothermal, and Hydronic Solar</p> <ul style="list-style-type: none"> • Install copper pipe with brazed and soldered joints • Install steel pipe with grooved and welded joints • Boilers and accessories 	500

<p>E. Fixtures, Showers, and Water Heaters</p> <ul style="list-style-type: none"> • Install wall, counter and under counter lavatories • Install wall, floor, counter and under counter sinks • Install urinals • Install wall and floor water closets • Install carriers for the above • Install above per ADA requirements as applicable • Installation and repair 	<p>1000</p>
<p>F. Safety and Tools</p> <ul style="list-style-type: none"> • Proper use of tools • Awareness of hazards in the workplace • Proper shoring of trenches • Proper use of scaffolds and ladders 	<p>850</p>
<p>TOTAL HOURS</p>	<p>7200</p>