

# Plumbing Work Processes

<u>Work Process</u>	<u>Approximate Hours</u>
A. <u>Drain, Waste and Vent</u>	2,050
<ul style="list-style-type: none"> <li>- Install No Hub Cast Iron Pipe</li> <li>- Install Hub and Spigot Cast Iron Pipe</li> <li>- Install ABS Pipe</li> <li>- Install PVC - DWV Pipe</li> <li>- Install Polypropylene Pipe</li> <li>- Install Copper DWV</li> <li>- Install Drains, Cleanouts, Roof Drains and Vents</li> <li>- Utilize 'Green' materials when applicable</li> <li>- Testing and Repair</li> </ul>	
B. <u>Domestic Water and Sustainable Water System</u>	2,050
<ul style="list-style-type: none"> <li>- Install Copper Pipe</li> <li>- Install PVC Pipe</li> <li>- Install C900 Underground Pipe</li> <li>- Install Ductile Iron Pipe</li> <li>- Install Backflow Preventers</li> <li>- Install Water Meters and Regulators</li> <li>- Testing and Repair</li> </ul>	
C. <u>Natural Gas</u>	750
<ul style="list-style-type: none"> <li>- Install Steel Piping</li> <li>- Install Polyethylene</li> <li>- Install PVC</li> <li>- Set Gas Meters and Regulators</li> <li>- Utilize 'Green' materials when applicable</li> <li>- Testing and Repair</li> </ul>	
D. <u>Steam, Hot Water, Chilled Water, Boilers, Geothermal and Hydronic Solar</u>	500
<ul style="list-style-type: none"> <li>- Install Copper Pipe with brazed and solder joints</li> <li>- Install Steel Pipe with grooved and welded joints</li> <li>- Boilers and Accessories</li> </ul>	
E. <u>Fixtures, Showers and Water Heaters</u>	1000
<ul style="list-style-type: none"> <li>- Install wall, counter and under counter lavatories</li> <li>- Install wall, floor, counter and under counter sinks</li> <li>- Install urinals</li> <li>- Install wall and floor water closets</li> <li>- Install carriers for the above</li> <li>- Install above per ADA requirements as applicable</li> <li>- Installation and Repair</li> </ul>	
F. <u>Safety and Tools</u>	850
<ul style="list-style-type: none"> <li>- Proper use of tools</li> <li>- Awareness of hazards in the workplace</li> <li>- Proper shoring of trenches</li> <li>- Proper use of scaffolds and ladders</li> </ul>	
Total Hours	7,200