



**PILOT ASSESSMENT BLUEPRINT**  
**HVAC – Heating, Ventilation, and**  
**Air Conditioning (1250)**  
**Skill-Based (Performance)**

<b>Job Description</b>	<p><b>Measure and Adjust Gas Pressure on a Furnace</b></p> <p>Participant will use a manometer to check gas supply pressure at the inlet of a gas valve and manifold pressure at the outlet of the gas valve before adjusting manifold pressure according to equipment and gas specifications.</p>
<b>Administration Time</b>	20 minutes
<b>Equipment, Supplies, and Materials Required</b>	<ul style="list-style-type: none"><li><b>Equipment:</b><ul style="list-style-type: none"><li>○ A fully functional gas furnace (duct work not needed) with:<ul style="list-style-type: none"><li>▪ a jumper between the R and W control terminals</li><li>▪ a service switch</li><li>▪ a legible rating plate or installation book with furnace specs</li></ul></li></ul></li><li><b>Materials:</b><ul style="list-style-type: none"><li>○ Manometer with necessary fittings</li><li>○ Allen keys</li><li>○ Adjustable or open-end wrenches</li><li>○ Phillips and straight screw drivers</li><li>○ Pipe dope</li><li>○ Leak check solution</li><li>○ Rags</li></ul></li><li><b>Extra tools set up on table for selection</b> (these should be tools that are not needed):<ul style="list-style-type: none"><li>○ Manifold gauge set</li><li>○ Pipe wrenches</li></ul></li><li><b>PPE:</b><ul style="list-style-type: none"><li>○ Safety glasses</li><li>○ Standard work gloves</li><li>○ Footwear</li></ul></li></ul>