



PILOT ASSESSMENT BLUEPRINT
HVAC – Heating, Ventilation, and
Air Conditioning (1252)
Skill-Based (Performance)

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| Job Description | <p>Analyze Gauge Readings</p> <p>Participant will identify the type of refrigerant used in the system and connect manifold gauges, record the low- and high-side pressure readings, record the saturation temperature readings, measure and calculate superheat and subcooling, and disconnect gauges and hoses before cleanup and evaluator notification.</p> |
| Administration Time | 15 minutes |
| Equipment, Supplies, and Materials Required | <ul style="list-style-type: none">• Split AC system• Analog manifold gauge set with low loss hoses• PT chart• Digital thermometer with pipe clamp• 10-key calculator• PPE:<ul style="list-style-type: none">◦ Safety glasses◦ Frost and chemical resistant gloves |