



QUALIFICATION EVALUATION

**Initial**  
 **Subsequent**

EMPLOYEE FULL NAME (PRINT)		Last four of SS#

Job Title \_\_\_\_\_ Area \_\_\_\_\_ Work Location \_\_\_\_\_

Subtask Name Inspect and Maintain Electronic Control and Data Systems (i.e., SCADA, RTU, PLC, HMI, MMI etc.) Subtask #: 15-04.00

**SUBTASK OBJECTIVE:** Using one or more of the below "Evaluation Methods", demonstrated the knowledge, skill and ability to perform this task following these qualification criteria.

	Qualified
<b>1. Safety Requirements:</b>	<input type="checkbox"/>
• Ability to identify and resolve abnormal operating condition(s)	
<b>2. Access, understand and apply the following Company Standard(s):</b>	<input type="checkbox"/>
• Gas Standard – CGT 4432	
<b>3. Map Reading:</b>	<input type="checkbox"/>
• Explain and interpret operating diagram or facility drawing symbols	
• Locate and identify system being monitored using operating diagrams or facility drawings	
<b>4. Inspection:</b>	<input type="checkbox"/>
• Conduct visual inspection of electronic control and data system and its components	
• Check analog values utilizing appropriate equipment	
• Check associated digital signals	
• Calibrate analog signals	
<b>5. Operation Procedures:</b>	<input type="checkbox"/>
• Understand CGT / Distribution system pipeline configuration	
• Recognize the normal operating range of system being monitored	
• Identify alarm conditions	
• Make appropriate clearance notifications	
• Conduct an end-to-end check (i.e., Gas Control in Brentwood can monitor and control remote device)	

**EVALUATION METHODS (Check all that apply)**

Observation On-The-Job Performance       Observation by Simulation       Oral Test   
 Observation by On-The-Job Training       Written Base Test       OTHER - Field Performance Audit

**Comments / Actions:**

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\_\_\_\_\_  
 EVALUATOR'S NAME AND CORP ID    EVALUATOR'S SIGNATURE    DATE

6/23/05 version  
 OM&C/FSD - Mail completed **original** Qualification Evaluation form(s) to \_\_\_\_\_ Room B101 @ 3301 Crow Canyon Rd, San Ramon, CA.  
 CGT - Mail completed **original** Qualification Evaluation form(s) to \_\_\_\_\_ @ 375 N. Wiget Lane, Walnut Creek, CA.  
 OM&C/FSD/CGT - Send copy to LGOQPC (Local Gas Operator Qualification Plan Coordinator)



### Initial/Subsequent Evaluator Instructions

Subtask Name: Inspect and Maintain Electronic Control and Data Systems (i.e., SCADA, RTU, PLC, HMI, MMI etc.) Subtask#: 15-04.00

Evaluator must provide the following reference material(s):

- Abnormal Operating Condition (AOC) Job Aid
- Gas Standard

**Note:**

Using reference material(s) listed above, individuals must answer all questions correctly. If individual cannot provide the correct answer(s) or demonstrate performance after two additional attempts, the Evaluator should refer to the Operator Qualification Basic Plan Manual, Section 1.3.3.3 for further instructions.

#### Knowledge

Criteria #	Requirement
1.	Review Annual Operator Qualification Job Aid and Abnormal Operating Conditions (AOC) with individual(s).
2.	Provide individual with Inspect and Maintain Electronic Control and Data Systems (i.e., SCADA, RTU, PLC, HMI, MMI etc.) Test.

#### Performance

3. – 5.	<p>Individual must perform checks as required on the Qualification Evaluation for each of these following method(s):</p> <ul style="list-style-type: none"> <li>• Map Reading</li> <li>• Inspection</li> <li>• Operation Procedures</li> </ul> <p style="text-align: center;"><b>Note:</b></p> <p>Skill must be demonstrated through simulation or actual field performance. Individual must verbalize each action step (bulleted items in Steps 3-5).</p>
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