
OQ Task Name

Task XX.X – Install Threaded Connections

1.0 Task Description

This task involves installation of threaded connections using approved fittings adequate for intended service. The task begins with identifying the proper location for the fitting installation and ends when the threaded connection is assembled and appropriate documentation has been completed.

The performance of this covered task may require the performance of other covered tasks such as:

- Conduct Pressure Test (Reference Task 41)

2.0 Knowledge Component

An individual performing this task must have knowledge of:

- Thread sealant application
- Proper support to obtain a leak-free connection with proper thread engagement and
- Inspection of the connection. Some examples are
 - Applicable drain down equipment, including plugs, pipe, instrumentation, and atmospheric vents

Abnormal operating conditions (AOC) associated with the performance of this task include:

AOC Recognition	AOC Reaction

3.0 Skill Component

Task #XX.X
Install Threaded Connections

To demonstrate proficiency of this task, an individual must perform the following steps:

Step	Action	Explanation
1	Identify the location for the fitting installation.	This step ensures that the correct location is identified according to the design plan.
2	Inspect fitting materials and equipment.	Verify that all materials, including threaded pipes, fittings, and gaskets, meet the required specifications and standards. Inspect the threading equipment and ensure it is in proper working condition.
3	Prepare the pipe for fitting installation.	This step ensures that pipe ends are clean, free from defects, and have the correct dimensions. This step may also include beveling the pipe ends, if required.
4	Thread the pipe ends.	Follow the equipment manufacturer's guidelines for threading, ensuring proper lubrication and the use of suitable dies. Confirm that threads are cut to the specified depth and pitch.
5	Visually inspect the threads.	Inspect the threads visually and, if necessary, use thread gauges to ensure they meet the required specifications.
6	Apply thread sealant or tape in accordance with Operator procedures.	
7	Assemble the threaded connections.	Assemble the threaded connections by hand and torque to the appropriate torque values ensuring to not overtighten the fitting.
8	Make the appropriate notifications that the fitting is ready for pressure testing, if applicable.	
9	Document all required information per Operator procedure.	

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