
OQ Task Name

Task XX.X – Install Tubing

1.0 Task Description

Installation of tubing that includes bending, tubing support, and connection of tube and fittings that are adequate for intended service. The task begins with the identification of the tubing and materials used to complete the task and ends with the documentation that the task has been completed.

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

- Conduct Pressure Test (Reference Task 41.0)
- Perform Welding (Reference Task 42.7)

2.0 Knowledge Component

An individual performing this task must have knowledge of:

- The type of tubing and its use. Some examples include instrumentation control lines and sampling line tubing.
- Manufacturer recommendations and required training for bending and gauging equipment.
- LOTO Lockout/Tagout procedures

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

AOC Recognition	AOC Reaction
Defect on the tubing or threaded connection	Replace equipment and components as needed

3.0 Skill Component

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

Step	Action	Explanation
1	Identify the tubing and materials to be installed per design specifications.	This ensures the tubing material and installation conform to the Operator's specifications and system requirements, including proper support.
2	Visually inspect the tubing and installation equipment.	Ensure the tubing and all equipment required for the task is in serviceable condition and approved by the Operator.
3	Cut and bend the tubing to the required lengths and configuration.	Remove any sharp edges or burrs that could compromise the tubing integrity or interfere with the connection. If applicable, bend the tubing to conform to the pipe's layout with Operator-approved bending tools.
5	Ensure the system is isolated.	This includes following the Operator's LOTO procedures.
6	Connect the tubing using the appropriate connection method.	Ensure the tubing is supported, if necessary. NOTE: Making connections by threaded fittings is a separate covered task.
7	Inspect the connection per operator procedure and manufacturer instructions.	This includes a leak test and ensures there is no damage or cross threading and the bend is smooth.
8	Document all required information per Operator procedure.	

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