



# PTW Safety Checklist No. 41

## SWAGELOK TUBING AND INSTRUMENT INSTALLATION

<b>Other Checklists that may be relevant:</b>		00, <a href="#">18</a>
<b>Permit Number:</b>		<b>Date:</b>
<b>Rev 0</b>	<b>Issue Date:</b> 4/8/2021	<b>Authorised By:</b> PSM

### PREPARATION:

- |   | Y                        | N | N/A |
|---|--------------------------|---|-----|
| 1 No connections to be made to any live process or instrument air-line  | <input type="checkbox"/> |   |     |
| 2 Any stainless steel tubing used meets the Todd Energy 25T tubing specification of ASTM A269 / T316 Seamless Fully Annealed. | <input type="checkbox"/> |   |     |
| 1/4" tube - minimum wall thickness is 0.035"  |                          |   |     |
| 3/8" tube - minimum wall thickness is 0.065"  |                          |   |     |
| 1/2" tube - minimum wall thickness is 0.065"  |                          |   |     |
| 3/4" tube - minimum wall thickness is 0.109"  |                          |   |     |
| 3 List name (s) of person (s) working on Swagelok connections.  |                          |   |     |
| 1. _____  |                          |   |     |
| 2. _____  |                          |   |     |
| 3. _____  |                          |   |     |

### INSTALLATION:

- |  |                          |
|--|--------------------------|
| 4 All new Swagelok connections to be made up with a Swagelok go, no-go gauge. Then disconnected, separated and inspected to ensure correct swaging, engagement and insertion depth has occurred whilst making up the connection. | <input type="checkbox"/> |
| 5 All reconnections must be undertaken as per Swagelok reconnection procedure.   | <input type="checkbox"/> |
| 6 All tubing installations are to be adequately supported and secured to provide protection against undue stress, sagging and vibration effects.   | <input type="checkbox"/> |
| 7 Electrical gland fittings must be made up by a suitably EEHA qualified electrical worker holding a current practicing licence.   | <input type="checkbox"/> |
| 8 Swagelok tube fitting safety seminar has been completed by <u>ALL</u> persons making up any instrument fittings or tubing and this is recorded in the Todd Energy CMS database.  | <input type="checkbox"/> |

**Revision and Approval Details**

Revision	Published Date	Reason for Issue	Author	Reviewer	Reviewed Date	Approver	Approved Date	Document Initiated
0	26/08/2021 2:41:51 PM	Approved for Use	Peter Martin	Dion West; Sam White; Caleb Robinson	3/08/2021 12:00:00 AM	Peter Martin	26/08/2021 2:19:35 PM	3/05/2021 9:46:03 AM