



Rod-Out Tool Operating Instructions

Rod- Out Tools can be used while the process is in service, under pressure, with flow in the line.

Caution: Do not exceed pressure or temperature rating of tool – refer to data plate. If data label is missing or cannot be read, do not use tool. Replace or return to the factory for new label.

Warnings: Do not flow hot process material through ¼ turn ball valve with process valve open.
(Pressure and temperature rating are based on zero process flow through the tool.)
Do not use a hammer or any other tool to strike or add leverage to handle or push rod.

Note: Hydro test Rod-Out Devices, prior to each use.

Perform Inspection and Maintenance Procedures:

- When rod out device passes all Inspection and Maintenance procedures, the tool is ready for use.
 - Be certain packing gland is tight and will not leak during use.
 - Check threads on process connection. Clean threads and re-tap if necessary to insure proper fit to rod-out device.
 - Close vent valve on rod out device (1/4 turn ball valve on side of rod out device).
 - Attach rod out device to process connection to be cleaned. Tighten sufficiently to prevent any leaks.
 - Open process bleeder valve to the full open position.
 - While pushing tee handle and push rod into rod-out device, rotate tee handle in **clockwise direction** to the full insertion position.
 - While pulling tee handle from rod out device, rotate tee handle in the **clockwise direction** to the fully retracted position. (Cable is a left twist cable – only rotate in clockwise direction)
 - Close process bleeder valve.
 - Vent any remaining pressure contained in the rod out device through the ¼ turn ball valve.
 - Remove rod out device from process connection.
 - Clean rod-out device with a suitable solvent.
- Attention: These tools are designed and rated for temperatures and pressures when used strictly in accordance with these procedures.

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