

# Valve Packing Installation Guidelines



## FOLLOW ALL PLANT SAFETY AND OPERATING GUIDELINES!

1. Unpack the stuffing box of ALL packing rings.
2. Clean the stuffing box and stem thoroughly.
3. Inspect stuffing box bore for cracks and steam cuts. Fix defects, polish if required. (125 micro inches are recommended)
4. Stroke the valve manually to ensure the stem runs straight. (Replace if necessary) Apply penetrating oil on the gland nuts to help release them prior to installation.
5. Inspect the stem. Fix any cuts and score marks, polish the stem if required. (32 micro inches are recommended)
6. Measure the stuffing box and stem dimensions for proper packing size.
7. Open the valve fully.
8. Install the first ring. Ensure the joint has a tight fit. Tamp the ring COMPLETELY into the stuffing box.
9. Install the next ring. Place the joints 90 degrees apart for a five-ring set, 120 degrees for a three-ring set and 180 degrees for a two-ring set.
10. Seat each ring FIRMLY against the proceeding ring.
11. When all the rings are installed, draw the gland up and tighten the nuts finger tight.
12. Complete closing the valve. Stroke the valve one full cycle - Open and Closed.
13. Tighten the gland nuts again, finger tight.
14. PLACE A 10% TO 15% COMPRESSION ON THE GLAND NUTS. Stroke the valve by hand every two turns of the gland nuts.
15. Valve is ready to pressurize.

\*Only five rings are needed to seal a valve. For deep stuffing boxes a bushing should be utilized to reduce the ring set to five rings.

### Contact Us

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