

INSTRUCTIONS FOR REPLACEMENT OF OS&Y YOKE GLAND ASSEMBLY:

SCOPE: THIS REPLACEMENT OS&Y YOKE, CPC-CRYOLAB P/N F-11642, IS INTENDED TO BE USED WHEN THE STANDARD YOKE GLAND BECOMES MECHANICALLY INOPERABLE (DUE TO SHEAR AND/OR THREAD STRIPPING) AND THE VALVE CANNOT BE DISASSEMBLED, EXPOSING THE PROCESS STREAM.

PLEASE NOTE: THIS IS A TEMPORARY FIX ONLY. THIS GLAND REPAIR KIT SHOULD BE REPLACED AS SOON AS POSSIBLE.

DISASSEMBLY OF STANDARD YOKE GLAND ASSEMBLY (SEE FIG. 1):

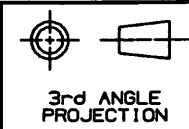
1. IF THE STANDARD YOKE GLAND, ITEM 1, HAS NOT SHEARED, THEN CUT IT OFF AT THE LOCATION GIVEN IN FIGURE 1.
CUTTING OFF THE YOKE GLAND CAN BE ACCOMPLISHED WITH A HACKSAW OR ANY OTHER CUTTING TOOL THAT CAN BE SAFELY USED.
FIRST, CREATE A GAP TO FIT THE BLADE BETWEEN THE YOKE AND YOKE GLAND BY REMOVING THE SET SCREW, ITEM 4, AND UNSCREWING THE HANDWHEEL FROM THE YOKE GLAND, ITEM 1, COUNTERCLOCKWISE 1/2 TO 1 TURN.
THEN, CUT AND REMOVE THE EXISTING NYLON SLIP PAD, ITEM 2.
ROTATE THE YOKE GLAND WHILE CUTTING AT THE GLAND SHOULDER UNTIL YOU HAVE CUT ALL THE WAY AROUND THE GLAND.
DO NOT CUT OR DAMAGE THE VALVE STEM.
ONCE CUT (OR IF IT SHEARED), LEAVE THIS PART OF THE YOKE GLAND ON THE VALVE (IT WILL REST ATOP THE PACKING RETAINER).
2. TURN THE HANDWHEEL, ITEM 3, CLOCKWISE (DUE TO LEFT HANDED THREADS) TO DISENGAGE FROM THE VALVE STEM. REMOVE THE HANDWHEEL AND THE REMAINDER OF THE DAMAGED YOKE GLAND. REMOVE BOTH SLIP PADS IF STILL PRESENT.
3. CLEAN THE INSIDE DIAMETER OF THE YOKE, WHICH HOUSES THE YOKE GLAND. USE AN APPROPRIATE SOLVENT TO REMOVE ANY FOREIGN DEBRIS OR CONTAMINATION.

INSTALLATION OF REPLACEMENT YOKE GLAND ASSEMBLY (SEE FIGURE 2):

1. REMOVE THE SPLIT COLLAR, ITEM 6 AND SLIP PAD, ITEM 7 FROM THE REPLACEMENT ASSEMBLY.
2. CAREFULLY SLIDE THE NEW SLIP PAD IN THE ANNULAR SPACE BETWEEN THE YOKE INSIDE DIAMETER AND VALVE STEM. BOW THE SLIP PAD AS NECESSARY TO PULL THE SLIP PAD THRU THE YOKE INSIDE DIAMETER WHILE MANIPULATING THE SLIP PAD TO CAPTURE THE VALVE STEM. (THE I.D. OF THE SLIP PAD SHOULD CONTAIN THE VALVE STEM ONCE PULLED TO THE BOTTOM SIDE OF THE YOKE GLAND HOLE).
3. LOWER THE REMAINING YOKE GLAND ASSEMBLY OVER THE VALVE STEM AND INTO THE YOKE GLAND INSIDE DIAMETER. TURN THE HANDWHEEL COUNTER CLOCKWISE TO ENGAGE THE VALVE STEM THREADS. CONTINUE TURNING UNTIL THE THRUST BEARING, ITEM 5, CONTACTS THE TOP FACE OF THE YOKE.
4. CLAMP THE SPLIT COLLAR, ITEM 6, ONTO THE REPLACEMENT YOKE GLAND. BE SURE TO CAPTURE THE SLIP PAD BETWEEN THE YOKE AND SPLIT COLLAR AS ILLUSTRATED. ALTERNATIVELY TIGHTEN THE TWO SOCKET HEAD CAP SCREWS UNTIL SECURELY SNUG, ASSURING THE SPLIT COLLAR DOES NOT PINCH OR IMPEDE THE SLIP PAD.

FOR FURTHER ASSISTANCE OR INFORMATION, CONTACT CPC-CRYOLAB AT 813-978-1000.

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SEE SHEET 1 FOR ALL REVISIONS AND TOLERANCES			DO NOT SCALE	DWG. NO. F-11642B	REV. 01
DIMENSIONS AND TOLERANCES PER ASME Y14.5M-1994 ROUNDING GOVERNED BY ASTM E29	SHEET 2	SCALE N/A			