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**REPACKING PROCEDURE FOR PDC EXCEL BUTTERFLY VALVES, SERIES 40,
26" THRU 60" VALVE SIZES**

RELEASED: 2/27/84	ID #	APPROVED BY:	DATE:
REV.: 3 Updated Format 6/24/02	EIB 10.6	SALES:	
		ENGINEERING:	

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ENGINEERING INSTRUCTION BULLETIN

EIB No.: 10.6

ORIGINAL DATE: 2/27/84

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REVISION: 3

Date: 6/24/2002

TITLE: REPACKING PROCEDURE FOR PDC EXCEL BUTTERFLY VALVES, SERIES 40, 26" THRU 60" VALVE SIZES

IMPORTANT: THERE ARE TWO STUFFING BOXES ON THE EXCEL SERIES 40 BUTTERFLY VALVE, THE STEPS BELOW SHOULD BE REPEATED FOR BOTH STUFFING BOXES.

- 10.6.1 REMOVE THE PACKING FOLLOWER (ITEM #7) BY TURNING THE HEX JAM NUTS USING A COUNTER-CLOCKWISE ROTATION (SEE NOTE 1, BELOW). SLIDE FOLLOWER BACK TO GIVE ADEQUATE CLEARANCE.
- 10.6.2 REMOVE ALL RINGS OF PACKING (ITEM #6) WITH FLEXIBLE PACKING PICK (SEE NOTE 1, BELOW).
- 10.6.3 THOROUGHLY CLEAN OUT PACKING GLAND HOLE AND REMOVE ALL RESIDUE.
- 10.6.4 REPACK VALVE WITH NEW PACKING (ITEM #6) BY STAGGERING ALL RING ENDS 90° APART (SEE NOTE 2, BELOW).
- 10.6.5 REPLACE FOLLOWER (ITEM #7). HAND TIGHTEN THE HEX JAM NUTS (CLOCKWISE). ONCE THE FOLLOWER IS HAND TIGHT, USE AN OPEN ENDED WRENCH TO TIGHTEN THE HEX JAM NUTS OF THE FOLLOWER AN ADDITIONAL ½ TURN. THIS ADDITIONAL ½ TURN PAST HAND TIGHT SEATS THE RINGS OF PACKING (SEE NOTE 3, BELOW). **CAUTION: DO NOT OVER TIGHTEN PACKING FOLLOWER.**

NOTES:

1. A FLEXIBLE PACKING PICK IS AVAILABLE FROM THE FACTORY. EMPLOYMENT OF THIS PICK WILL GREATLY FACILITATE THE REPACKING PROCEDURE AND ITS PURCHASE IS RECOMMENDED.
2. EACH REPACKING SET CONSISTS OF EXTRA RINGS OF PACKING, HOWEVER, IN MOST CASES, (5) FIVE RINGS OF PACKING SHOULD BE SUFFICIENT. (DO NOT USE MORE RINGS THAN WERE REMOVED).
3. IT MAY BE NECESSARY TO READJUST THE FOLLOWER WHEN THE SYSTEM IS STARTED UP. IF IT IS NECESSARY TO ADJUST THE FOLLOWER, TIGHTEN THE JAM NUTS ¼ TURN. OPERATE FOR 15 MINUTES. IF LEAKAGE PERSISTS AFTER 15 MINUTES CONTINUE TO TIGHTEN THE JAM NUTS ¼ TURN AND OPERATE FOR 15 MINUTES (REPEAT THIS PROCESS UNTIL LEAKAGE STOPS).

CAUTION: DO NOT OVER TIGHTEN PACKING FOLLOWER.

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