Betts Industries, Inc.

1800 Pennsylvania Ave. West Warren, PA 16365 U.S.A.

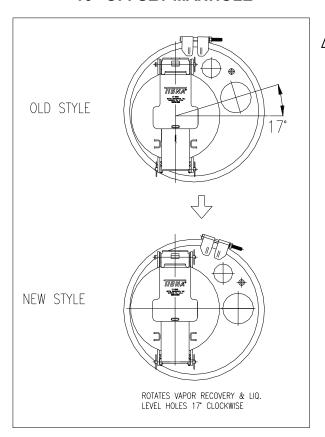
Engineering Bulletin 1-2005

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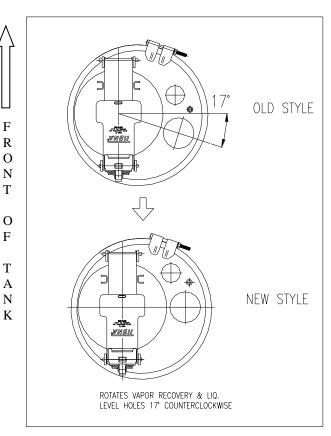
Subject: 16" Offset PAF Manhole Orientation Change

In order to provide a more universal, standardized manhole and to prevent interference between the 10" fill cover and the liquid level switch, all holes have been rotated 17° in the clockwise direction on the standard manhole and 17° in the counter-clockwise direction on the self-latch model.

16" OFFSET MANHOLE



16" OFFSET SELF-LATCH MANHOLE



PLEASE NOTE: All manholes built with this new layout can be converted in the field between the standard and the self-latching styles. All hole locations are standard regardless of style.