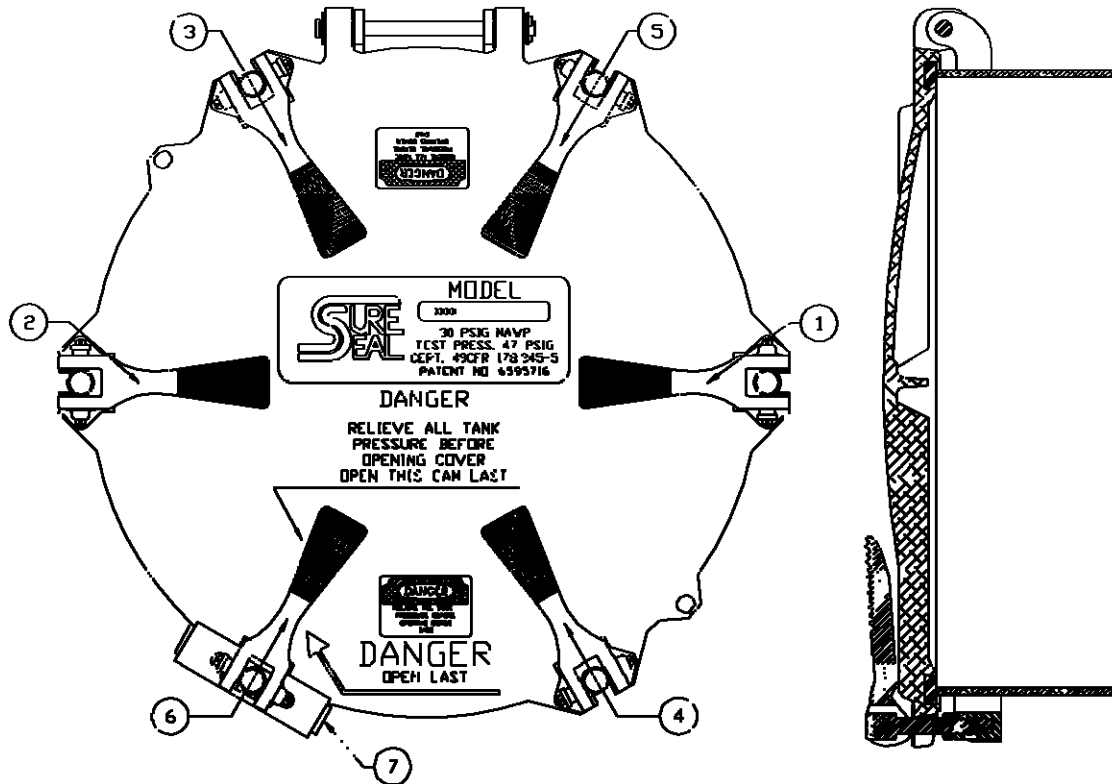


“LM” Manhole Recommended Opening Procedure

This Technical Bulletin covers the Civacon recommended procedure for opening “LM” Manhole Assemblies for inspection and loading purposes.

Numbers encased by () refer to Figures 1, 2, and 3.



Step 1: Open / Disengage cams (1) and (2), followed by cams (3), and (4)

Step 2: Open / Disengage cams (5) and (6), but **DO NOT** disengage safety catch, (7). If cover lifts without hissing undo safety catch and open cover. If cover lifts with hissing of relieving pressure, continue lifting against safety catch until sound stops. Then undo safety catch and open cover. If cover does not lift, proceed to Step 3.

Step 3: Keeping safety catch (7) engaged, reinstall cam (3) in the upright position. Apply pressure on cam (3) handle to reclose cam into lock position. If this is not enough to force cover open against safety catch, repeat cam (3) procedure at cam (5). If this is still not enough to open cover, disengage cams (3) and (5), and reclose cams (3) and (5) in alternating order. If this still does not dislodge cover, repeat Step 3 alternating (3) and (5) cams while you strike the outside of the cover with rubber mallet. Depending upon the severity of gasket adhesion to ring seal surface, above procedure may have to be repeated. **DO NOT** use a pry bar to open cover.