Procedure 2203: Installation of Pinch-On Clamps

effective 02/08

Selection
☐ 1. Measure the hose OD (Outside Diameter).
☐ 2. Select the clamp that has a nominal size closest to the hose O.D.
☐ 3. See current DPL (Dixon® Price List) for nominal size selection.
☐ 4. The clamp selected must be able to slide over the hose OD after stem insertion.

Preparation
☐ 1. Prepare the hose using Procedure 1100: General Preparation Instructions (pages 9-10).
☐ 2. Determine the proper number of pinch-on clamps required:
   a. For pronounced shanks use the same number of clamps as there are marks on the hose.
   b. For symmetrical shanks ¾” and below, 1 clamp.
   c. For symmetrical shanks ½” to 1”, 2 clamps.

Process
☐ 1. Slide the correct number of clamps over the hose end.
☐ 2. Insert the coupling. Refer to step 9 of Procedure 1100: General Preparation Instructions (pages 9-10).
☐ 3. For single ear clamps:
   a. Position clamp(s) over shank.
   b. Pinch clamp-ear as tight as possible without shearing clamp.
   c. Check clamp-ear. If both sides of clamp-ear touch, the clamp is too large.
      Remove clamp and install next smaller clamp.
   d. For multiple clamp installations repeat the process.
      Note: Make sure clamp ears are not lined up
☐ 4. For double ear clamps:
   a. Position clamp(s) over shank.
   b. Pinch one clamp ear as tight as possible (both sides of clamp ear touch).
   c. Pinch other clamp ear as tight as possible without shearing clamp.
   d. Check clamp ears as follows:
      1. The first ear that was pinched may open slightly. This is acceptable.
      2. If both ears close completely, clamp is too large. Remove clamp and install next smaller clamp.
   e. For multiple clamp installations, repeat the process.
      Note: Make sure clamp ears are not lined up.
☐ 5. Test assembly using Procedure 4000: General Hydrostatic testing Information (page 50) and 4001: Hydrostatic Testing (page 51).