

UPP® 90 SERIES TERMINATION FITTING INSTALL UPDATE

The purpose of this document is to provide information showing the correct use and method of installation for UPP® 90 Series termination fittings along with a checklist for steps required in the event of a failed termination test.

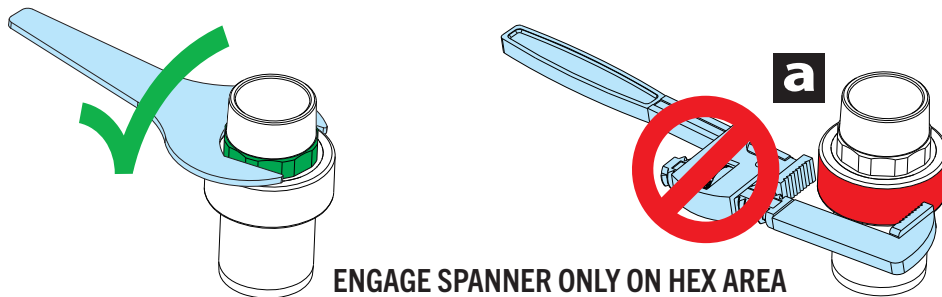
INSTALLATION OVERVIEW

All UPP® 90 Series termination fittings should be prepared and electrofusion welded using the steps shown in the UPP® Electrofusion Welding Instructions, p/n 408001007.

- *Prep and clean each termination fitting using the hand scraper provide in UPP® Consumables Kit, p/n 400805091.*
- *Mark the insertion depth on cleaned fitting and confirm proper insertion to appropriate fitting prior to starting any welding.*
- **DO NOT WELD TERMINATIONS** connected to galvanized or other metal piping in the tank sump. Terminations must be free from any stress during the welding and cooling process.
- Use of a spanner wrench is needed for support and counter balance for the torque applied to the pipe (tightening/loosening).
- If the transition is not yet welded, spanner can rotate (no torque will be transmitted to the PE).

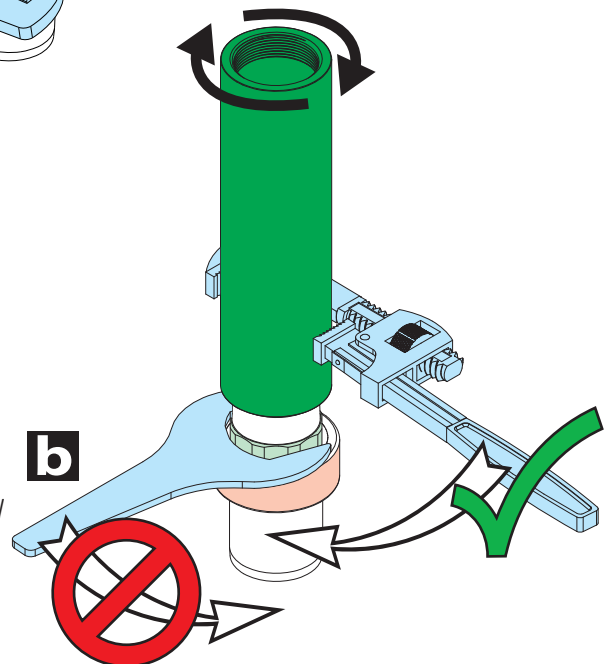


CONNECTING TO THREADED TERMINATIONS:



IMPORTANT:

- *Never use a wrench on the welding coupler or polyethylene sleeve of the transition (a). Only hold the metal pipe with a wrench as shown (b).*
- *If the UPP termination is already welded to the pipeline, only use the spanner to hold the termination while torque is applied through the loose fitting/termination. **DO NOT** use the spanner to tighten/loosen the termination (if it is already welded).*
- *Failure to follow the process outlined here can lead to the fitting(s) failing pressure tests and will require immediate removal and replacement.*



TESTING

All UPP® fittings and piping are to be tested following the testing procedures outlined in the UPP® Piping Install Guide, p/n 408001016.

Failed Termination Fitting Checklist & Removal Process

If a fitting is identified as exhibiting signs of leaking (bubbles), complete the listed steps below:

1. Record evidence of leak with fitting still installed.
 - ☐ Photograph leak link (example shown).
 - ☐ Photograph entire sump showing how and where the fitting is installed.
2. Gather failed fitting.
 - ☐ Remove the fitting from the sump and cut it off from piping using hacksaw.
 - ☐ DO NOT USE A WRENCH ON POLYETHYLENE OF TRANSITION WHEN REMOVING TERMINATION FOR WARRANTY EVALUATION. USE ONLY THE APPROVED TOOL ON HEX SECTION OF TERMINATION!
3. Record the “batch number” of Termination fitting.
 - ☐ Photograph the “batch number” of the fitting (example shown).
4. Email Distribution and FFS contact with a brief description of the leak and the following information:
 - ☐ UPP Certification # - Certificates.
 - ☐ Site name, address and UPP® application (i.e. Marina).
 - ☐ Number of fittings impacted.
5. Return fitting to Distribution – Distribution to follow FFS technical Update, **TB1012-1**, Customer Instructions for Return of Product.

