

The Aquatechnik 'Safety' MLCP System

Installer Competences Checklist

1. Ensure that the fittings remain in the original packaging, or the SBS-supplied delivery packaging, right up to the point of installation to prevent the WRAS-approved seals from being contaminated.
2. Cut the Multicalor pipe, preferably with sharp hand shears or a wheel-type tube-cutter that produces no debris, keeps the tube end square, and produces minimal tube end burrs.
3. Unbag the AQ Safety fitting and remove the fitting cap-nut.
4. Insert the cut tube through the cap nut (This cannot be done after flaring).
5. Hold the cut tube-end firmly onto the correct size of flaring head and pull the machine trigger until the flaring process is complete.
6. Push the flared tube end onto the AQ Safety fitting and tighten the cap nut by hand until it clicks onto the locking mechanism. Special Aquatechnik wrenches are available if hand tightening is not possible on larger-size fittings.
7. Test the system following the BESA TR6 'Guide to Best Practice' for Site Pressure Testing of Pipework.
8. When any standard male or female BSP adapter threads are being used, only use PTFE Tape & Loctite 55 /CORE sealant cord should be used to seal the threads. Liquid thread-sealants or Compounds MUST-NOT be used, as the solvents in these products will damage the fittings' plastic components.

Flaring Machine Maintenance – Aquatechnik BST32

1. Ensure the flaring-head expanding-elastomers are kept free from external grease so they can grip the tube wall during flaring.
2. Heat the elastomers in hot water to improve their elasticity if they have become cold overnight or have not been used for a long time.

Pipe Flaring Tool – Aquatechnik BCB110

1. No major maintenance required.
2. Warm the expanding elastomers before first use is good practice.
3. Remember to re-seat the expanding elastomer to its original position before next use, as unlike the BST32, the elastomer, as an external component, comes away following a successful expansion.