

***Field Service Bulletin***

**Flare Fittings and the Integrated Mixing Device**

<sup>1</sup>BWC has received a field report of an Integrated Mixing Device (IMD) with a leaking flare fitting. This report prompted a technical review and issuing this notice.

A small water leak from the IMD flare fitting joint could be duplicated if the IMD sealing faces were damaged, the tube/adaptor sealing faces were misaligned, and/or improper torque was applied to the flare nut. The leak could be eliminated by correcting the variables above.

An installation suggestion is to use a small amount of lubricant, such as a non-gritty pipe dope, on the mating surfaces. The lubricant allows the tube adapter/sealing faces to properly align with each other and ensures the fittings are square when torque is applied to the fitting nut. Be sure not to over-tighten the flare nut.

Below left is an example of what a properly installed, leak free, IMD should look like with flex tube straight and plumb, while the example below right shows the flex connector bent indicating the fitting nut may be too tight and could benefit from lubrication.



Please contact Technical Support with questions @ 800-334-3393.