









- A faucet equipped with an AVB, Y-valve attached and a hose(s) is connected, or a faucet equipped with an AVB with an adjustable/shut-off type spray nozzle attached to a hose:

If you wish to maintain a hose attached with a shut-off type spray nozzle under continuous pressure, an approved testable continuous pressure vacuum breaker must be installed. Notice: Simply adding a hose-bib type vacuum breaker to a faucet under the aforementioned scenarios will not result in code compliance. See Figure 8.

**Figure 8 – Unapproved Connection**



All cross-connection hazards must be prevented, and all plumbing must be in compliance with current codes and Department requirements.

A good reference for determining the proper installation of backflow prevention devices and assemblies, and preventing cross connections is the *Cross-Connection Control Manual*, which is published by the U.S. EPA.

For additional information please contact the Department's Plan Review & Construction Program at [602-506-6980](tel:602-506-6980), or by e-mail at [esd.maricopa.gov](mailto:esd.maricopa.gov), or contact your local municipality's cross-connection control specialist.