



TECHNICAL BULLETIN
Pick Up hoses

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All ETI distributors

Further to our advice, TB033 April 2012, on Pick up hose crimping, the following information may be helpful. Since 2004 these pick up hose fittings have been manufactured with a parallel hose tail. The hose and fittings are secured using a stainless steel crimp ferule. In 2012, a new crimping process implemented a small design change with a single hose barb being added. See photo below.



There has been no recall on the old design nor is there any requirement to replace them. However the following procedures should be now included for all ETI installations and maintenance inspections.

During Installations and 12 month annual inspections of fire systems.

The pick-up hose assembly should be dried and visually inspected for defects. The brass fittings should not rotate inside the crimped hose while firmly twisting it by hand. If a hose fitting is found to be inadequately crimped, a hydraulic crimper may be used to re-crimp the stainless steel ferrule until it passes the above inspection. Alternatively contact ETI technical department for advice.

During all periodic inspections of ETI fire suppression systems.

During inspection of all cylinder and valve assemblies, a momentary depression of the core of the charge valve mounted on the cylinder valve, will result in a slight discharge of foam. This confirms the presence of the pick-up hose assembly. If foam fails to appear and nitrogen gas only discharges, then this would indicate that the pick-up hose may not be connected. In this case the cylinder should be de-pressurised and the valve and hose assembly removed from the cylinder for close inspection.



PT ETI FIRE SYSTEMS
www.etifiresystems.com
info@etifiresystems.com

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N.B. If the cylinder is mounted below an angle of 45 degrees to vertical, then this test is not reliable, however it is anticipated that installations of horizontal cylinders are rare.

Yours sincerely

A handwritten signature in black ink that reads "L D Waldon".

LEIGH WALDON
Technical Director