1. Objective

This standards alert is to inform field crews, assessment officers, and designers that there have been changes made to the design of the junction box kits, also known as service bell kits, used in street light electricity supply pits.

2. Introduction

The design of the junction box kits supplied to Energy Queensland has changed. The changes have been made through discussion with suppliers, Line Standards, and the Underground DIF and affect stock codes 2422160, 1010901, and 2433704.

The re-designed kits include:

- A clear dome, UV protected, watertight, re-enterable enclosure
- Changes to the base for easier cable entry and heatshrink sealing
- Redesigned terminal blocks to accommodate more cable cores.
- Fuse bracket redesigned
- Two component silicone gel for sealing.
- Kits include installation guide, bill of materials and MSDS for the gel.

3. Example

The following page includes Figure 1 showing the contents of the Velnah 2433704 kit:
4. Update to Manuals

An updated copy of Queensland Public Lighting Construction Manual (Version 8) is available via the Asset Standards intranet site or via the RED/Process Zone document system for internal staff.

The up-dated manual is available to external service providers via the internet. The Manual is an uncontrolled document when printed.

5. Further Information

For further information, please contact Kim Slater, Phone Number +61-7-4931-2280, email (kim.slater@energyq.com.au)