



1 SCOPE

This document details the application of SOP 222 issued by the Electricity Association.

2 ISSUE RECORD

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Issue Date	Issue No	Author	Amendment Details
October 2000	1	Esther Stewart	Initial Issue in New Format: 2 Page Document

3 ISSUE AUTHORITY

Author	Owner	Issue Authority
Esther Stewart	Roger Bracey	Roger Bracey Group Head, Standards



4 SOP DETAILS

TYPE: Merlin Gerin MU2 Metering Unit

ORIGINATING REC: Eastern Electricity

DATE: 24/12/98

NO. INSTALLED IN MANWEB: 4 at the following substations according to UDB :

- Mid Mersey: Racal Vodaphone 6390/15
- Dee Valley: Asda Store 3167/11
- North Wirral: Squibbs 2790/1
- North Wirral: North West Water Leasow Road 2892/8

NO. INSTALLED IN SCOTLAND:

STATUS: Restriction lifted 24/02/98 (see update below)

REASON: Disruptive failure of MU2 metering unit.

UPDATE:

24/02/99 Merlin Gerin have carried out an investigation on the two failed units. The investigation indicates that only MU3M11 and MU2M12 are affected. The report is now complete and available from Merlin Gerin (ref IRN 984401).

The problem was caused by an incorrectly fitted link on the terminal block. The unit should be fitted with a link which enables the secondary side of the VT to be earthed at either the star point or on the yellow phase. The units which failed were fitted with a link which earthed both the star point and the yellow phase thus resulting in a short circuit which caused the VT to fail. Merlin Gerin state that **any unit fitted with the incorrect link would fail within 15 minutes of being energised.**

REMEDIAL ACTION: