



1 SCOPE

This document details the application of SOP 136 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: Long & Crawford type RNETV2 Ring Main units.

ORIGINATING REC: SWEB

DATE: 21/7/94

NO. INSTALLED IN MANWEB: 28

NO. INSTALLED IN SCOTLAND:

STATUS: Live operation banned.

REASON:

The following is reported from another Regional Electricity Company. During insertion of test prods into Long & Crawford J2 oil switch serial no. 63421-26 when the outgoing circuit was earthed and the busbars were live, the red phase shield, (which rotates upwards between busbar contacts and switch blades during use of tests prods) struck the red phase busbar contact causing an earth fault. The shield has been bent upwards on some previous occasion, probably by use of a barrel pump or rigid hose extension.

UPDATE:

REMEDIAL ACTION:

- (a) No operation of Long & Crawford oil switches on type RNETV2 RMUs manufactured prior to 1964 (serial nos. less than 63999) in energised state (i.e. circuit or busbars live).
- (b) Re-energisation of any of these switches to be undertaken remotely with no personnel in proximity of switchgear.

The ban is to continue until an internal inspection of the oil switches has been completed. Further instructions will follow.