



1 SCOPE

This document details the application of SOP 131 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: BTH and AEI MF36 33kV RMU Oil Switches.

ORIGINATING REC: MANWEB

DATE: 30/9/93

NO. INSTALLED IN MANWEB: 122

NO. INSTALLED IN SCOTLAND:

STATUS: Live operation of ON/OFF switch banned.

REASON:

A weld failed on main drive mechanism to oil switch during a switching operation and drive link became detached on a subsequent operation.

UPDATE:

REMEDIAL ACTION:

Before any switching operation is carried out on the ON/OFF oil switch, the side mechanism cover only (*) must be removed to enable the welds between the upper fabrication drive crank and the drive shaft boss to be examined. Sketches are available to show cover to be removed and the position of the welds that require inspection. A boroscope shall be used to assist in the examination.

If no cracks are found then the oil switch can be operated on that occasion only.

Further investigations are in progress regarding the determination of cracks and remedial actions required will follow.

Note: the earth switch is not affected.

* The top cover should not be removed during inspection because the bolts project into the oil switch compartment.