



1 SCOPE

This document details the application of SOP 102 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: All Switch Fuses fitted with EMP and Reyrolle JOS 6.6 kV and 11 kV oil immersed fuses

ORIGINATING REC: SWEB

DATE: 10/10/90

NO. INSTALLED IN MANWEB: (Estimated) 500
NO. INSTALLED IN SCOTLAND:

STATUS: RESTRICTED OPERATION (See Remedial Action)

REASON: Failure to operate correctly due to oil ingress into fuse.

UPDATE:

REMEDIAL ACTION: For all oil fuse switches which may have EMP or JOS fuses fitted.

After a fault:

In the event of operation of an LV fuse in a transformer cabinet or pillar, or in the event of a suspected LV fault which has not resulted in LV fuse operation, an urgent check is to be made to establish if there are abnormal voltages or flicker on the LV side of the transformer.

If no abnormal voltages/flicker are detected the o.f.s. is to be opened locally and any EMP/JOS fuses changed before proceeding normally.

If abnormal voltages/flicker are found, the substation is to be vacated immediately and rapidly made dead remotely. The o.f.s. is then to be checked and any EMP/JOS fuses changed before proceeding normally.

In the event of an HV fuse operation, or suspected HV fuse operation, the o.f.s. shall be made dead remotely; then checked for EMP/JOS fuses before proceeding normally.

At Normal Maintenance:

These fuses should be changed when maintenance takes place.

Fuses should be disposed of via Queensferry, as PSB18.