



1 SCOPE

This document details the application of SOP 142 issued by the Electricity Association.

2 ISSUE RECORD

This is a controlled maintained document

All copies printed via the Intranet or photocopied will be deemed uncontrolled.

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: Brush 11kV VSI R4/1 Mk4 Circuit Breaker,
1969, Serial No.05/48004/2.

ORIGINATING REC: SWEB

DATE: 1/3/95

NO. INSTALLED IN MANWEB: 0

NO. INSTALLED IN SCOTLAND:

STATUS: Ban (None in Manweb)

REASON:

In-tank male contact steel arcing tip came adrift from the brass poker and was left inside the female contact cluster. The failure was due to poor adhesion of the braising to the tip. Subsequent tests by Hawker Siddeley Switchgear on other pokers from the unit showed one other to also have poor adhesion on the braising to the tip.

UPDATE:

REMEDIAL ACTION:

Entry to substations containing Brush VSI Switchgear to be kept to a minimum. If protracted entry is required all auto-reclose breakers shall be switched to non-auto. Affected breakers shall only be operated remotely.

The pokers concerned were the original supplied with the breakers. Breakers with adjacent serial numbers, and still with original pokers are to have their pokers inspected/tested.