



1 SCOPE

This document details the application of SOP 233 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: ABB Type VD4 VCB assembly

ORIGINATING COMPANY: Building & Property Facilities

DATE: 10/05/99

NO. INSTALLED IN MANWEB: 0

NO. INSTALLED IN SCOTLAND:

STATUS: Restriction (no equipment of this type on Manweb system)

The CB may only be racked into the service position as follows:

- (1) Disable motor wound spring mechanism by isolating dc supply to motor.
- (2) Do not rack into the service position with the springs charged.
- (3) Charge closing springs by hand only when CB is fully racked into service position.

REASON: Circuit breaker closed while being racked in.

UPDATE:

20/07/99: Further to investigations carried out by the manufacturer following the apparent mal-operation of a type VD4 VCB, it transpires that although unexpected, the CB did in fact operate correctly and in accordance with the original design specification of the switchgear installation. There is therefore no generic problem with this type of switchgear and consideration should be given to lifting the restrictions imposed by SOP 233.

There remains the local issue of whether the design specification is appropriate and until this is determined the restriction has been left in place locally.

REMEDIAL ACTION: