



1 SCOPE

This document details the application of SOP 176 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: YORKSHIRE IVIO 11kV CB including
13 IVIO, 13 KIVIO, 13 IVIF, 13 KIVIF.

ORIGINATING REC: EASTERN ELECTRIC

DATE: 18/03/97

NO. INSTALLED IN MANWEB: 0

NO. INSTALLED IN SCOTLAND:

STATUS:

Restriction

The following restriction has been applied in originating the REC, no CB outside its maintenance period shall be operated to parallel or closed to charge unless it has been isolated and satisfactorily operated in the isolated position. No further investigation will be carried out, there is an existing programme to change these units.

REASON:

During a closing operation of a Yorkshire IVIO 11kV CB the mechanism failed to latch and as pressure on the closing handle was released the CB started to slow open.

UPDATE:

02/06/97 There is a known problem with this type of equipment with early spring assisted mechs. These were fitted from about 1959/1960 (serial no 5000/6000) up to late 1962 (serial no approx. 11000). At that time a reverse motion trip feature was added. If there is insufficient lubrication on one of these early mechanisms it will slow open if it fails to latch.

Outdoor equipment is required to be lubricated every 4 years and indoor equipment every 8 years.

REMEDIAL ACTION: