



1 SCOPE

This document details the application of SOP 189 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: ATL Type AMD Tap Changers

Tap changers with coarse/fine winding arrangements fitted with tie in resistors on 132kV transformers.

ORIGINATING REC: EAST MIDLANDS ELECTRIC

DATE: 25/07/97

NO. INSTALLED IN MANWEB: 0

NO. INSTALLED IN SCOTLAND:

STATUS: Ban:

Tap changer not to be operated through the changeover positions with the transformer live.

REASON:

Explosion in tap changer at Northampton 132kV substation.

UPDATE:

16/06/99: Tap changers of the coarse / fine winding type or reversing regulation arrangements type on 132kV transformers. (with or without “tie in” resistors).

Taps to be locked to avoid tapping into the coarse / fine selector range (tap position 9–11). Failure can occur when the tapping mechanism reverses direction when in this range.

REMEDIAL ACTION: