



## 1 SCOPE

This document details the application of SOP 107 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:** Bowthorpe ESA12 Lightning Arrestor

**ORIGINATING REC:** SWEB

**DATE:** 26/4/91

**NO. INSTALLED IN MANWEB:** 200

**NO. INSTALLED IN SCOTLAND:**

**STATUS:** Restricted Application

**REASON:** In certain circumstances disruptive failure can result when energising circuit.

**UPDATE:** 30/7/93: SOP cancelled and superseded by SOP 128

**REMEDIAL ACTION:** These circumstances are unlikely to occur in Manweb. Following conditions must apply for this problem to occur.

- 1) The surge arrestors must be connected adjacent to a transformer via a short length of cable. The length of cable is critical, and depends on the transformer and cable sizes.
- 2) The transformer must have no LV load connected.
- 3) The circuit must be connected slowly, and one phase at a time eg. via live line tapping or ROF.