



1 SCOPE

This document details the application of SOP 253 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: Hawker Siddeley Falcon Beta 1 11kV ring main unit

ORIGINATING REC: Scottish Power UK plc

DATE: 13/06/00

NO. INSTALLED IN MANWEB: Approx 40

NO. INSTALLED IN SCOTLAND:

STATUS: Restriction:

The following restriction to apply to all switchgear of the above type:

The use of the circuit breaker earth switch as an Approved Earth for the purposes of issuing safety documentation is banned until the presence of the connection bar between the test device and the main earth bar is established.

REASON:

Connection bar from circuit breaker earth switch to main earth bar not fitted during equipment assembly at works.

UPDATE:

REMEDIAL ACTION:

The omission of the earth connection bar has been to date noted on one unit only, and this is expected to be an isolated case. However, whilst the bar may be viewed without dismantling the RMU, its presence or omission is not obvious. Without the bar in place there is no positive connection between the earth switch contacts and the substation earth. The connection bar is located beneath the roof of the RMU, but external to the gas enclosure. It runs from the rear of the circuit breaker test access to the rear of the unit where it connects with the main RMU earth bar. The presence of the connection bar may be established by viewing the area to the underside of the roof of the RMU from the left hand side of the equipment. It is not necessary to remove the roof to do this.

PSB to follow.