



Technical Bulletin

TB - 0234 Changes to maintenance of RMU SF6 insulated metal clad HV (12 / 24kV) switchgear

Purpose

The purpose of this technical bulletin is to inform employees and contractors of the removal of the major overhaul task for RMU SF6 insulated metalclad HV switchgear including circuit breakers.

Background

As part of the 'Endeavour 2020' efficiency initiative an investigation was undertaken to review the maintenance requirements of all RMU SF6 insulated metal clad HV switchgear.

This scope includes;

- ABB Safelink, Safelink 2 and Safe-Ring
- Schneider / Merlin Gerin RM6, SM6 and VM6
- Siemens 8DJ10, 8DJ20 and 8DJH
- Areva FBX -C

This review justified the removal of the major overhaul tasks RMU SF6 insulated metal clad HV switchgear as outlined in SMI212. This applies to padmount configurations and indoor substations. It does not include switching stations or switchgear in zone substations. The review included extensive consultation with distribution stakeholders.

Actions

No 'major overhaul' tasks as specified in SMI212 shall be undertaken for RMU SF6 insulated metal clad HV switchgear including circuit breakers but excluding switching stations and switchgear in zone substations.

Vermin guards for Safelink switchgear are still to be installed where missing in accordance with 5.9.3.1 of SMI212 but only when an outage is coincidentally obtained.

The actions are summarised in the table below:

HV RMU SF6 insulated metalclad switchgear* (Does not apply to switching stations and switchgear in zone substations)	
Task	Requirement
Inspection, PD and Thermovision	3 years (no change)
Operation (CBs)	5 years (no change)
Major Overhaul	No longer required
All other HV switchgear & HV RMU SF6 insulated metalclad switchgear in switching stations and zone substations	
Inspection, PD and Thermovision	3 years (no change)
Operation (CBs)	5 years (no change)
Major Overhaul	10 years (no change)

* Includes ABB Safelink, Safelink 2, SafeRing; Schneider / Merlin Gerin RM6, SM6, VM6; Siemens 8DJ10, 8DJ20, 8DJH; and Areva FBX -C

Implementation

Portfolio Management and Governance Branch will manage the implementation of the contents of this technical bulletin and will notify relevant staff of changes made to current and future maintenance activities outlined.

Impacted Standards

The contents of this technical bulletin impact the following standards and will be included in the next standards update;

- SMI212 – 'HV Switch and Switch Fuse units'
- SMI101 – 'Minimum requirements for maintenance of distribution equipment'