

Test Certificate

GENERAL TEST
CERTIFICATE

Sheet 3 of 27

Customer:		Substation:	
Site:			
Date:		Job No:	
		Circuit Title:	
Type of Unit:		Panel No.	
		Rating	
			Serial No.

Test Equipment Used & ID:

High Voltage Switchgear & Switchboards – Maintenance Inspection

	Item	Complete Yes/No/NA	Correction Required	Correction Complete	Comment
1	Manually / Electrically Open CB				
2	Manually / Electrically Close CB				
3	Record CB Operation Counter				
4	Brush down exterior surfaces				
5	Check for corrosion				
6	Check switch position indicators for correct op.				
7	Check switch interlocks for correct operation				
8	Check test access cover interlocks for correct operation				
9	Check condition of internal wiring and connections				
10	Check ventilation / filters are clear (if fitted)				
11	Check anti-con heaters and thermostatic controls (if fitted)				
	Item	Complete Yes/No/NA	Correction Required	Correction Complete	Comment
12	Check correct operation of				

	barriers and shutters (if applicable)						
13	Check security of nuts, screws, split pins and other fasteners						
14	Check linings, guards, and inter-phase barriers for damage, burning or delamination						
15	Clean and lubricate moving parts						
16	Inspect, clean, and lubricate interlock mechanism						
17	Inspect, clean, and lubricate the operating mechanism						
18	Check security of nuts, screws, split pins and other fasteners						
19	Check SF6 Pressure gauge is in the green range / Manometer reading				Panel	Circuit	Busbar
20	If the SF6 Pressure gauge is not in the green range asses the unit						
21	Check contact wear in accordance with manufacturer instruction (if possible)						
22	Remove cable box covers and check box and terminations for signs deterioration						
CT's							
1	Brush down all exterior surfaces (if accessible)						
VT's							
1	Brush down all exterior surfaces (if accessible)						
2	Confirm size/rating of VT fuses (if applicable)						
3	Confirm continuity of each VT fuse (if applicable)						
Substation Earthing							
	Item	Complete Yes/No/NA	Correction Required	Correction Complete	Comment		

1	Check condition of main earth and earth bonds				
2	Confirm identification and warning labels are correct, legible, and secure				
3	Test resistance of switchgear panel earthing (if accessible) @ 10A - Results in Microhms				
	Panel 1-2				
	Panel 2-3				
	Panel 3-4				
	Panel 4 -5				
	Panel 5-6				
	Panel 6-7				
	Panel 7-8				
	Panel 8-9				

Description of Relays.

Panel No.	Relay Type.	Serial No.	Comments
2	Micom P341		
2	MMLG01		
2	MMLG01		
2	MVAJ105RA0802A		
2	MVAA13R1BA0783C		

Remarks:

Tested By:

Signature:

Date: