



Powercor Australia Ltd
ABN 89 064 651 109

HV Metal Clad Switchgear Test Report

Job Title:

Test Instrument Model		Instrument No.	
Test Instrument Model		Instrument No	
Tested by		Date	

CONTINUITY TEST	
Phase/Switch	
White	Ω
Red	Ω
Blue	Ω
Earth switch	Ω

INSULATION RESISTANCE TEST	
Phase to Earth	
Red to Earth	MΩ
White to Earth	MΩ
Blue to Earth	MΩ

CHECKLIST		
Items	Checked	Comments (if any)
All required tests satisfactorily completed as per CB021		
Check that the switchgear and complete installation complies with the work instruction requirements		
No visible damage		
Mechanical operation checks all carried out with all sources of supply disconnected		
Check all switches open/close correctly		
Check all breakers open/close correctly		
Check all earth switches open/close correctly		
Ensure that interlocks preventing the closure of an earth switch, on a closed switch circuit, operate		
Switchgear body is correctly earthed		
Labels identifying each circuit are correct		
Labels identifying the switchgear by unique number and name are correct		
Cables are correctly terminated		
Cable screen wires are earthed		
Cable phasing is correct		
Cable terminations are correctly installed on the terminations		
Cables are fixed below the terminations		
Current transformers where required are fitted, including fault indicator CTs		
Unused bushings have the dust cover removed and an insulating cap fitted		
Panel mounted fault indicators are on the correct setting		

Unit fitted with Fuses		
Fuses appropriate to the substation size are installed where applicable		
Units fitted with Circuit Breaker		
Protection relay correctly set		
Trip supply correct & connected		
Test trip		

Commissioning Test Passed Yes - No -

Comments

Signed:

Date: