



Powercor Australia Ltd
ABN 89 064 651 109

High Voltage XLPE, EPR and Hybrid PILC/XLPE Cable Commissioning Test Report

Job Title:

Cable Circuit Details			
Test Instrument Model		Instrument No.	
Test Instrument Model		Instrument No	
Tested by		Date	
Cable Type Details			

Tests to be undertaken as outlined in Test Procedure Flow Chart

1. All circuits identified and labelled Yes / No
 2. Continuity / Phase Sequence Tests passed Yes / No

3. Sheath Integrity Test

SHEATH INTEGRITY TEST 1 KV	
Screen Wires to Earth	Resistance
Red	MΩ
White	MΩ
Blue	MΩ

4. Insulation Resistance Test

INSULATION RESISTANCE TEST 5KV				
Phase to Screen - All Cables	1 min. reading	10 min. reading	Polarisation Index	Phase Comparison
Red	MΩ	MΩ		
White	MΩ	MΩ		
Blue	MΩ	MΩ		

5 VLF Test

Phase to screen
Pass <input type="checkbox"/>
Fail <input type="checkbox"/>

Screen Wires to Earth - must be greater than or equal to 1 MΩ
 Polarisation Index = ten minute reading / one minute reading ≥ 2.
 Phase Comparison = variation between phases must be less than 25%.
 Note: All Constructors must complete items 1,2,3,4 and 5 as per flow chart.

Comments

Signed: _____ **Date:** _____ **Test Result (Pass / Fail)**