HO	POWER	This commissic	ning test sheet covers the mi	SHEET – LOW VOLTAGE CABLES AFTER REPAIR OR EXTENSION, WITHOUT DISCONNECTION OF SERVICES HPC-4DL-07-0035-2016 imum testing requirements for low voltage cables prior to energisation after repair of an extended. The insulation resistance test is applied to new cable sections only, prior to making joints.									
SAFETY: This sheet should be used in conjunction with Field Instruction 4.6. At all times maintain suitable clearance to all other electrical equipment and verify planned escape routes. If any part of the cable is in a public area and cannot be properly barricaded, additional personnel should stand guard at these areas during tests and commissioning, and a two-way radio must be used for communication. Cable testing should not be done in zone 1 hazardous areas (e.g. around petrol stations and fuel storage areas), refer to Field Instruction 4.12.													
DATE	E:	Project No.		Name of Officer			Job Location						
Loca	tion of Cable:	From:			То:		1						
1.	CABLE DESCRIP	TION											
Rateo	I Voltage	V	Length of cable (approx.)	m	Cable size		mm²	Stock code					
2.	. VISUAL INSPECTION AND SAFETY CHECK												
1	Check that the cable under test is correctly installed and that there is no damage that would affect cable performance, or the performance of attached equipment.												
2	Isolate supply to the cable.												
3	Perform 'Test Before You Touch' as per Field Instruction 2.25 to prove cable is de-energised (with approved testing device as per Field Instruction 2.26).												
4	Check that the cable is clearly marked with each phase colour and labelled (if applicable).												
3.	INSULATION RES	ISTANCE TEST I	FOR NEW CABLE SECTION	S, PRIOR TO JOINT	ING								
			Test Connection			Minim	imum Values Test Re		sults				
			Red phase to white phase (@ 1 kV)			>	10 MΩ			Ω			
	500 V/1 kV insula		White phase to blue phase (@ 1 kV)			>	10 MΩ						
(neve	phase conductor a r use a 5 kV insula	tion tester for this	Blue phase to red phase (@ 1 kV)			>	10 MΩ						
	s greater than 10 M e: 1,000 M Ω = 1		Red phase to neu	Red phase to neutral (@ 500 V)			10 MΩ						
Ì		,	White phase to neutral (@ 500 V)			>	0 ΜΩ			Ω			
				Blue phase to neu	>	10 MΩ			Ω				
Confirm cables have been discharged after testing.													

HORIZON POWER	This commissioning	ı test sheet co	DNING TEST SHEET – LOW VOLTAGE CABLES AFTER REPAIR OR EXTENSION, WITHOUT DISCONNECTION OF SERVICES HPC-4DL-07-0035-2016 overs the minimum testing requirements for low voltage cables prior to energisation after repair of an e has been extended. The insulation resistance test is applied to new cable sections only, prior to making joints.		10							
4. CABLE TERMINAT	TION AND JOINT CH	ECKS										
Ensure all cable connections, joints and terminations are made, and tightened.												
Ensure all cables are clearly and correctly labelled (if applicable).												
5. BURIAL OF JOINTS												
Ensure all joints have been secured and covered with 200 mm of clean dry fill, before energising circuit.												
6. SERVICE CONNECTION TESTS												
Following energisation, c Connection Tests, either		SCT 1	Service Address:									
check joint integrity. Use CS10# 2745508		SCT 2	Service Address:									
	r must ensure that all		ompleted and the test results comply with the minimum standards. satisfactory results and transfer responsibility to the network operating authority. Pay Number:									
Signature:			Date: DD/MM/YY Time:	HH:MN	N							
 Hand over response Return this sheet 		ng authority g file as a reco	the public. Ford of commissioning and as a document required for the Handover Certificate.	2								
Desument Management (20000E2		Pogo 2 o	+ 2								