

SECTION 1 - GENERAL						
Client:		Asset		ITP Template No.:	Revision:	
				ZENT-ITP-7039	A	
Project Name:		Area		Prepared By:	Prepared Date:	
				Brendan King	19/12/2023	
Project Number:		Discipline	Component	Location	Approved By:	Approved Date:
		Electrical	ITP - Electrical - Substation L2		Brendan Hile	

SECTION 2 - CLOSE OUT SIGNATURE (ZENVIRON ONLY)			
Name:	Position:	Signature:	Data:
Comments:			

SECTION 3 - LEGEND	
Term	Description
WITNESS	Activity is to be witnessed by Zenviron Advance notification mandatory Activity can proceed once the minimum notification period has elapsed
HOLD POINT	Activity is to be witnessed by Zenviron Advance notification mandatory Hold point can only be waived formally in writing

SECTION 4 - Level 2 - Pre-commissioning/Secondary System Tests									
ITEM	ACTIVITY/ TASK DESCRIPTION	INSPECTION POINT (QUALITY CONTROL ACTIVITY)	ACCEPTANCE CRITERIA	VERIFYING DOCUMENT	SUPERVISION TYPE	RECEIVED AND ANALYSED BY: (ZENVIRON ONLY)			
						NAME	SIGNED	DATE	COMMENTS
4.1	Earthing System Tests	Injection tests on earthing system to measure transfer of potential, continuity, step & touch voltages.	As per IFC Drawings and Schedule 02 - Employers Requirements	Substation Earthing Commissioning Report ZX115-REP-7901	N/A				
4.2	330/33kV Main Transformer	Post assembly inspections of main power transformer	As per IFC Drawings and Schedule 02 - Employers Requirements	Subcontractor/OEM Documentation 1 Per Item	N/A				
4.3	330kV Circuit Breaker	Pre-energisation verification testing of 330kV Circuit Breakers Incl	As per IFC Drawings and Schedule 02 - Employers Requirements	ZX115-ITR-7361 Outdoor Circuit Breaker and/or Subcontractor/OEM Documentation 1 Per Item	N/A				
4.4	330kV Disconnecter / Earth Switch	Pre-energisation verification testing of 330kV Disconnecter/EarthSwitch(s)	As per IFC Drawings and Schedule 02 - Employers Requirements	ZX115-ITR-7362 Outdoor Disconnecter and/or Subcontractor/OEM Documentation 1 Per Item	N/A				
4.5	330kV Voltage Transformer	Pre-energisation verification testing of the Voltage Transformer(s)	As per IFC Drawings and Schedule 02 - Employers Requirements	ZX115-ITR-7379 Outdoor Voltage Transformer 1 Per item	N/A				
4.6	330kV Current Transformer	Pre-energisation verification testing of the Current Transformer(s)	As per IFC Drawings and Schedule 02 - Employers Requirements	ZX115-ITR-7364 Outdoor Current Transformer 1 Per item	N/A				
4.7	330kV Overhead Busbar and Flexible Conductor	Ductor and insulation resistance testing of 330kV Overhead Busbar and Flexible Conductor	As per IFC Drawings and Schedule 02 - Employers Requirements	ZX115-ITR-7368 Level 2 ITR Overhead Rigid Busbar/Flexible Conductor 1 Per Bay or Section (Or replaced by equivalent Subcontractor Documentation)	N/A				
4.8	Neutral Earthing Resistor	Pre-energisation verification testing of the Neutral Earthing Resistor	As per IFC Drawings and Schedule 02 - Employers Requirements	ZX115-ITR-7380 Neutral Earthing Resistor and/or Subcontractor/OEM Documentation 1 Per Item	N/A				

SECTION 5 - Level 2- Completion

ITEM	ACTIVITY/ TASK DESCRIPTION	INSPECTION POINT (QUALITY CONTROL ACTIVITY)	ACCEPTANCE CRITERIA	VERIFYING DOCUMENT	SUPERVISION TYPE	RECEIVED AND ANALYSED BY: (ZENVIRON ONLY)			
						NAME	SIGNED	DATE	COMMENTS
5.1	Redline markup of Construction Drawings	Redline markup of relevent Construction Drawings in Master Drawing Folder	In line with ZX115-REP-0201 Earthworks, Roads and Drainage Specification and BMS-WIN-1024 - Document Red-Line Markup	Redline Markup in Master Drawing Folder	N/A				
5.1	Generate Punch List	Subcontractor walk-down inspection	Generate specific area/scope Punch List and transfer the open items to the Punch List Master Register	BMS-TMP-0044 Punch List record	N/A				