	Outdoor Circuit Breaker - L2 Inspection and Test Record - ITR		Asset:		
			Area:		
			Discipline:		
			Component:		

1. GENERAL

Project Name:		Project No.:	
ITR Description:	Outdoor Circuit Breaker - L2	ITR Template No.:	ZENT-ITR-7550
ITR Level:	Level 2	Rev.:	

2. SUBCONTRACTOR

Company:		Supervisor:	
Scope of Work:		Contract No.:	

3. INSPECTION AND TEST DETAILS

Is HOLD POINT applicable?	YES	<input type="checkbox"/>	NO	<input type="checkbox"/>	Is WITNESS applicable?	YES	<input type="checkbox"/>	NO	<input type="checkbox"/>
ITP Reference:	Choose an item				Location:				
Drawings Ref.:									
Specification Ref.:	Choose an item								

4. EQUIPMENT DETAILS


Description:		Model Number:	
Manufacturer:		Serial Number:	

5. TEST EQUIPMENT: ***WARNING - Always ensure circuits are de-energised before connecting test equipment***

Equipment	Make / Model	Serial Number	Calibration Due Date
Insulation resistance Tester			
Ductor Tester			

6. INSPECTION POINTS

Insulation Test Result			
Main contacts closed	IR Test		
	Voltage (V)	Duration (s)	Resistance (GΩ)
Aa - BbCcE			
Bb - AaCcE			
Cc - AaBbE			
Main contacts open	IR Test		
	Voltage (V)	Duration (s)	Resistance (GΩ)
A - aBbCcE			
B - aAbcCE			
C - aAbBcE			
a - ABbCcE			
b - aABcCE			
c - aAbBCE			
Circuit Breaker			
Main contacts closed	Resistance μΩ		
	Ductor (A)	Resistance μΩ	Pass
Red			<input type="checkbox"/>
White			<input type="checkbox"/>
Blue			<input type="checkbox"/>

	Outdoor Circuit Breaker - L2 Inspection and Test Record - ITR	Asset:	
		Area:	
		Discipline:	
		Component:	

Auxiliary Readings

Trip Supply (Vdc)		Trip Coil 1 (Ω)		Motor Overload (A)	
Close Supply (Vdc)		Trip Coil 2 (Ω)		Heater thermostat $^{\circ}\text{C}$	
Charging Motor Supply (Vdc)		Closing Coil (Ω)		Counter reading	

7. INSPECTION POINTS (Functional Tests & Completion)

Inspection Description		Compliant?			Comments
		Yes	No	N/A	
1	Auxiliary Supply Voltage and Polarity correct	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	
2	Protection operates both trip coils	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	
3	Wiring to control panels correct as per schematic	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	
4	CB operates correctly when done manually	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	
5	Indicators read correctly in open and close position	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	
6	Spring charge works automatically	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	
7	Apply trip while close is maintained (anti pump)	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	
8	Anti-condensation heaters operational, tong tested	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	
9	Gas pressure Lockout/Trip functional	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	
10	CB cannot be operated with ES on	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	
11	Close and opening timing tests complete, test report attached	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	
12	Area left clean and tidy	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	
13	Drawings updated and marked as 'As-Built'	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	

Operation Type	Local	Remote (Relay)	Remote (HMI)	Remote (Offsite)
Close Operation				
Open Operation				

8. INSPECTION AND TEST RESULT

ACTION Details or Inspection Comments:

--

Works to go and/or punch list items registered?

YES	<input type="checkbox"/>	N/A	<input type="checkbox"/>
-----	--------------------------	-----	--------------------------

9. SUBCONTRACTOR SIGN OFF

Name:		Position:		Signature:		Date:	
-------	--	-----------	--	------------	--	-------	--

10. ZENVIRON WITNESS OR HOLD POINT SIGN OFF (if considered applicable in Section 3)

Name:		Position:		Signature:		Date:	
-------	--	-----------	--	------------	--	-------	--

Disclaimer: A signed Company witness shall not remove or relieve the subcontractor of the responsibility to supply or construct in full compliance with the Purchase Order/ Contract # requirements and terms. Zenviron reserved the right to reject goods or products not supplied or manufactured in accordance with Company requirements.