As per schematic diagram - contents in this test format can be changed.

1. General Data & Information

Panel Detail		Circuit Reference	
Serial No		Type	
Manufacture		Range	
Drawing No		Class	

2. Mechanical Check & Visual Inspection

S. No	Description	Checked	
1	Check tightness of all connections	❑Yes	❑N/A
2	Inspect for physical damage / defects	❑Yes	❑N/A
3	Panel cleanliness, organization, labeling, service readiness, panel doors, knobs, and others.	❑Yes	❑N/A
4	CT shorting checked	❑Yes	❑N/A
5	Indications checked	❑Yes	❑N/A
6	Contact resistance of tripping & alarm checked	❑Yes	❑N/A
7	Check the ferrules as per the specification	❑Yes	❑N/A
8	Check whether each panel is securely secured to the floor in its intended serving area.	❑Yes	❑N/A
9	Panel earthing checked	❑Yes	❑N/A
10	Confirm that panels are constructed & wired as per sec relevant specification.	❑Yes	❑N/A
11	Check case cover & gasket for appropriate seal against dust.	❑Yes	❑N/A
12	Check all installed equipment nameplate information for compliance to approved drawings & equipment /material lists.	❑Yes	❑N/A
13	For internal & external panel wiring, tighten screw terminations and fasten crimp connections to wires and termination points. Avoid bending the wire at the termination. Check ferrules.	❑Yes	❑N/A
14	Make sure panel equipment is firmly secured & shielded from vibration, shock, etc.	❑Yes	❑N/A
15	Use of ring type terminals for wire termination for current circuit wires.	❑Yes	❑N/A

Testing Engineer:	Verification Engineer:
Signature & Date:	Signature & Date:

3. General Panel - Functional Checks

S. No	Description	Remarks	
1	Check output of ac outlet	❏Yes	❏N/A
2	Check illumination lamp	❏Yes	❏N/A
3	Check door switch	❏Yes	❏N/A
4	Check heater / thermostat	❏Yes	❏N/A
5	Identification label for each component is fixed properly	❏Yes	❏N/A
6	Manual spring charging operation	❏Yes	❏N/A
7	Circuit breaker manual closing by the push button	❏Yes	❏N/A
8	Circuit breaker manual opening by the push button	❏Yes	❏N/A

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4. Electrical Operation Test

S. No	Description	Status
1	Electrical spring charging motor operation	
2	Circuit breaker closure by local and remote electrical action.	
3	Circuit breaker opening via local and remote electrical operation.	
4	Circuit breaker emergency trip checked	
5	Circuit breaker close interlock verified as per drawing	
6	Circuit breaker "on " indication checked	
7	Circuit breaker "off " indication checked	
8	circuit breaker "trip " indication checked	
9	Cubicle illumination lamp circuit checked	
10	Cubicle heater circuit checked	
11	All contactor & relay operation is checked	

5. Interlock Test

S. No	Condition	bus - 1	bus coupler	bus - 2
1	Normal	Closed	Opened	Closed
2	>v at bus - 1	Opened	Closed	Closed
3	> v at bus - 2	Closed	Closed	Opened
4	> v at bus -1 & bus - 2	Opened	Opened	Opened

Testing Engineer:	Verification Engineer:
Signature & Date:	Signature & Date:

6. **DC Scheme Check**

S. No	Description	Remarks
1	Dc MCB function	
2	All protection relays and auxiliary relays function checked	
3	Q10x,q10y&q10z close/open function checked	
4	All breaker close/open status indication checked	
5	All breakers motor spring charging operations verified	
6	Auxiliary supply change over checked	
7	Auto/manual selector switch function checked	
8	Breaker control switch function checked	
9	Over current, under voltage & over voltage trip checked	

7. **ACDB Auxiliary Circuit Check**

S. No	Circuit details	Cable size	Breaker size	From circuits	To circuits	Remarks

Testing Engineer:	Verification Engineer:
Signature & Date:	Signature & Date:

8. **Annunciation**

Panel Ref:

Unit:

S.No	Description	I/P	Alarm		Time		O/P Con Open	Fmk TB no.	Color of the led Red / yellow
			Indication	Audible	Set	Mea			
1									
2									
3									
4									
5									
6									
7									
8									
9									
10									
11									
12									
13									
14									
15									

DC supply fail checked:

Aux. AC supply fail checked:

Testing Engineer:	Verification Engineer:
Signature & Date:	Signature & Date: