

Switch Board Maintenance Check List

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Substation Detail:	Date:
Switch Board Detail:	Rating:

S.No	Activities	Checks Carried Out	Remarks
1	Acquire LC from the Sub-station Operation		
2	Make sure the section's control supply, heater supply, incomer, & bus coupler breaker are all isolated.		
3	Make sure to isolate all sources of backfeeding.		
4	Remove all circuit breakers, modules, & PT Cubicles (if the type is drawable).		
5	Remove the busbar chamber's top and side coverings.		
6	Using an air blower, a vacuum, and a dry cloth, clean the busbar chamber, the breaker's rear and front compartments.		
7	All insulators should be cleaned with a gentle, dry cloth and cleaner. Check it for damage or cracks and replace the broken one.		
8	Check & tighten the busbar's exposed joints. Look for any indications of heat.		

9	Check & tighten the electrical power connections for the CT/PT and outgoing cables.		
10	Check for any signs of unplugged or missing bolts.		
11	Close the breaker's back compartments and busbar chamber.		
12	Verify that the earthing system is correct and intact.		
13	Check IR value a). R-E b). Y-E c). B-E		
14	Any additional abnormalities		

Signature