

Circuit Breaker Maintenance Checklist

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Substation:	Breaker Serial Number:
Feeder:	Make/Type:
Rated Voltage:	Rated Current:
Rated Braking Capacity:	Rated Making Capacity:

Check List		Observation	Action Carried Out
1	Inspect the breaker panel for general cleanliness.		
2	Verify that the oil level is correct		
3	Ensure that the ON/OFF indicator mechanism is functioning correctly.		
4	Inspect the heaters for wear and tear.		
5	Verify the fixed & moving contacts		
6	Check & disinfect the arc control panel.		
7	Check that the shutter assembly is functioning correctly.		
8	Verify the gas vent seal's integrity.		
9	Check for signs of oil leaking.		
10	Inspect the breaker's locating bolt and linkage, and grease them if necessary.		
11	Check the SF6 recloser's gas pressure.		
12	Check and make sure the racking mechanism is well-lubricated.		
13	Check the gasket, liner, and phase barriers of the tank for any damage.		
14	Check & disinfect auxiliary contacts		
15	Inspect for sluggish closing		

Test Carried Out		Output	Action Required
16	Acquire readings of the contact resistance.		
17	Do a continuity test while the door is open and closed position		
18	Perform timing tests with a speed curve meter		
19	Analyze the crackle test and dielectric strength		
20	Manually and electrically check the close and trip test.		
21	Make sure the hydraulic unit's fluid level is correct		
22	Examine the bushings' condition.		
23	Check the earthing		

	Maintained By	Checked By
Name		
Signature		
Date		