



TEST REPORT FOR ACB

DATE :

Name of client:-

Location : -

Panel Name :-

Feeder No:

Make : -

Sr. No.


Type :-

Rating

Check List For ACB

Sr. No.	Checklist
1	Cleaning f breaker with CRC - 226
2	Removal of Old Grease and re - greasing the same with
3	Check The Condition of arcing contacts and gap between fixed and
4	Check REST mechanism, Tripping of breaker through push buttons
5	Check the Tripping of ACB through protection release.
6	Tripping of ACB Manually Trough volt metric release.
7	Checking and adjust freeness of DN and volt metric release through
8	Checking the presence and proper tightness of hardware
9	Checking the presence of circlips.
10	Checking condition and alignment of jaw contact with cradle termials.
11	Checking condition of ACB wiring and replace if required.
12	Checking and adjusting gap between hylam sheet and side plate.
13	Checking proper closing of all poles together.
14	Checking scrapping earth alignment
15	Checking condition of arc chutes.
16	Checking U/V release pick up and drop off.
17	Checking ACB tripping through shunt release.

18	Checking motor operation in case of EDO ACB.
19	Checking close coil operation in case of EDO ACB.
20	Checking continuity and proper changeover of auxiliary contact block.
21	Check Setting of release as per the load
22	The spare parts, accessories would have to be provided by the

		TEST REPORT FOR ACB		DATE :			
Name of Client:							
Location:							
Feeder:							
1.0 ACB Details							
<u>Sr. No</u>		<u>Mfg Year</u>					
<u>Make : -</u>		<u>Rating</u>					
		<u>Aux Supply</u>					
2.0 Contact Resistance Test ($\mu\Omega$)							
Contact Terminals	R-R	Y-Y	B-B				
Contact Resistance							
3.0 Breaker Timing Test							
	Closing Coil (ms)			Tripping Coil (ms)			Close
Phase	R	Y	B	R	Y	B	R
Time							
Bounce							

4.0 Coil Resistance Test

Closing Coil (Ω)	Tripping Coil (Ω)	

5.0 IR Value test(1KV)

Breaker Open($G\Omega$)		Breaker closed($M\Omega$)		
R-R'		R-E		R-Y
Y-Y'		Y-E		Y-B
B-B'		B-E		B-R
N-N'		N-E		N-R

6.0 Auxiliary Contacts

NO Contacts	NC Contacts

7.0 Breaker Electrical Tripping from Pane

RELEASE TEST :- (SR15G/SR18G)

Long Time	% of Set Current release	Set Current on Test Kit	Time Delay set on Release
Short Time	Multiple Time	Set Current on Test Kit	Require time delay
Instantaneous	Time	Set Current on Test Kit	Require time delay
Ground Fault	Percentage	Set Current on Test Kit	Require time delay

8.0 Remarks:

[illegible]

[illegible]

Actual reading
time on test kit

Actual time Delay

Actual Time on
Test Kit

Actual Time on
Test Kit

Testing Engineer