

CHECK LIST FOR APFC PANEL MAINTENANCE

Panel details:
Location:

Date:
Rating:

SI.No	Parameters	Operation done	Remarks
1	Over all cleaning of entire panel		
2	Abnormalities/Over if any		
3	Tightening of		
	a. Incoming Power cable termination at ACB/ MCCB		
	b. Outgoing cable termination at busbar		
	c. Bus bar supports		
	d. Incoming cable termination at MCB		
	e. Outgoing cable termination at MCB		
	f. Incoming cable termination at Capacitor duty Contactor		
	g. Outgoing cable termination at Capacitor duty contactor		
	h. incoming cable termination at capacitor		
	i. control cable termination		
4	Checking Healthiness of		
	a. Individual contactors		
	b. Individual MCBs		
	c. Individual capacitor cells		
5	Checking Healthiness of		
	a. Control fuses		
	b. indication lamps		
	c. cooling fans		
6	Functional checking of APFC Relay		
7	Functional checking of panel meters like Voltmeter, Ammeter, Multi function meter, ELR etc		
8	Functional checking of the panel		
	a. In manual mode		
	b. In Auto mode		
9	Measurement of IR Value with detailed report (Yearly)		
10	Measurement of Capacitance value of each capacitor bank with detailed report (Each visit)		
	Measurement of current drawn by each capacitor bank with detailed report (Each visit)		
11	Power factor values		

Special Remarks if any

Service engineers:

Supervised By:

