ForumElectrical.Com

Safe Operating Checklist

S.No	Checks and Safety Checks	Hazard (or) Accident can Happen	Electrical Engineer	
			Yes	No
1	Obtain the permit to work.	Both electrical and mechanical hazards are present.	☐	☐
2	Put on the LOTO Tag.	The injury is severe. Hazards related to electricity and mechanics	☐	☐
3	Remove the power supply	A shock from electricity to the operator	☐	☐
4	Functioning of the ventilation system	An oxygen level hazard that is lower than 19.5% and higher than 23.5%, stress caused by heat or cold, and a slide trip owing to a slick surface.	☐	☐
5	Are all of the doors and windows on the panels closed?	The cooling system that was supposed to supply for the equipment would not perform properly.	☐	☐
6	Mats made of rubber	The interaction with the electrical circuit	☐	☐
7	Doors and panels are closed.	A shock from electricity to the operator	☐	☐
8	Debris and objects that are not wanted are removed.	Risks of slipping and falling, as well as fire hazards	☐	☐
9	The availability of the first aid package should be checked.	Is unable to administer appropriate first aid to the injured individual	☐	☐
10	Access to fire extinguishers as available	Risk of a hazard	☐	☐
11	Instruments that are well insulated	A shock from electricity to the operator	☐	☐

Secure Activity Checklist

Sl. No.	Activity	Electrical Engineer	
		Yes	No
1	Earth Rod should be used to discharge the bus bar.	☐	☐
2	The cleaning of MCC & PCC panels	☐	☐
3	Checking the tightness of the main bus bar	☐	☐
4	Checking the tightness of the control bus bar	☐	☐
5	It is important to check the MCC & PCC earthing.	☐	☐
6	Verification of the tightness and rating of the control transformer	☐	☐
7	The tightness of all of the feeder control wiring was verified.	☐	☐
8	The tightness of every feeding power cable was tested.	☐	☐
9	Any noise or heating that is not typical coming from the power and control contactors	☐	☐
10	Checked for any and all heating symbols, as well as the tightness of any outgoing power cords	☐	☐
11	CT and PT inspections, as well as tightening alterations	☐	☐
12	IR value of the main bus bar	☐	☐

Feeder Charging Time:

S.No	Time	Voltage (V)			Current (A)			Remarks
		R-Y	Y-B	B-R	R-Y	Y-B	B-R	

Remarks

A caution board ought to be positioned, and entry should be restricted to individuals who are not permitted to be there.

Miscellaneous Punch Point

Sl.No	Equipment Number	Punch Point	Remarks

Checked By

Verified By

Maintenance Engineer