



**DALMIA CEMENT (B) LIMITED – CEMENT PLANT
ARIYALUR
INSTRUMENTATION DEPARTMENT**



Issue No. 01	Rev. No: 02	Effective Date: 20.09.2017	SOP/INST/58
Issued By: M.R		Approved By: HOD-Instrumenetation	
SOP FOR BYPASSING THE UPS PANEL			

Scope/Purpose : This SOP is applicable for bypassing the UPS panel without the output supply being affected.

Responsibility : Instrumentation Engineer

Accountability : Instrumentation Technician

PPE:

1. Hand gloves
2. Nose Mask
3. Goggle
4. Apron coat

Tools:

1. Screw Driver
2. Multimeter

Hazard Analysis:

Risks associated

Electrocution

Mitigating Measures

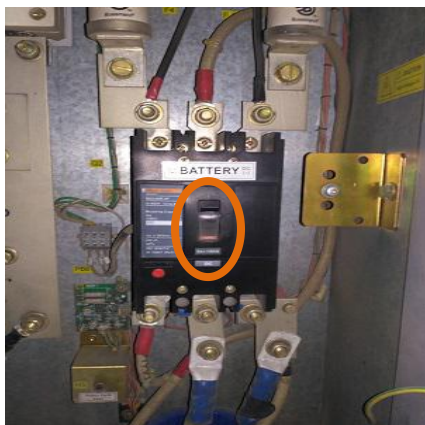
Use insulated hand gloves and tools

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Procedure:

To switch OFF the UPS panel:

1. We have to fail the inverter (i.e., battery, input and the UPS must be switched OFF)

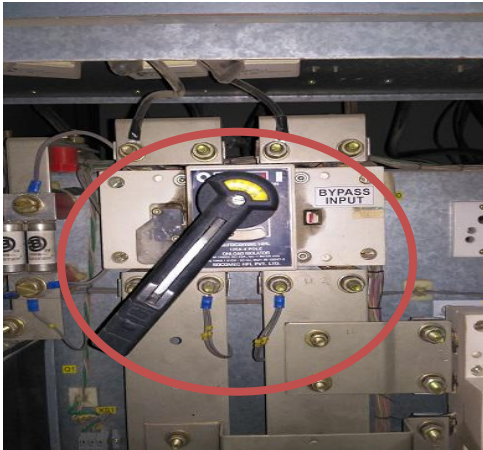


2. Manual bypass must be switched ON.



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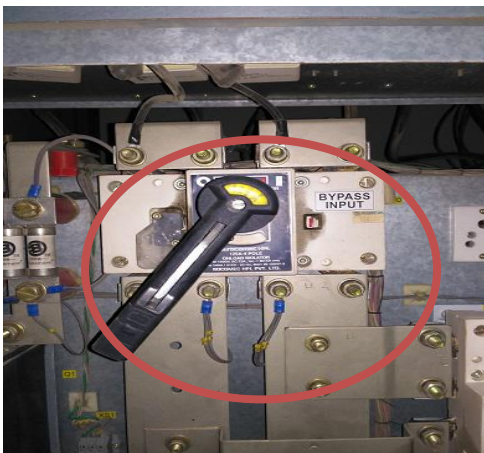
3. Switch off the bypass input breaker and the output breaker.



To switch on the UPS panel again, the following procedure should be followed.

To switch ON the UPS panel:

1. Switch ON the bypass input breaker and the output breaker.

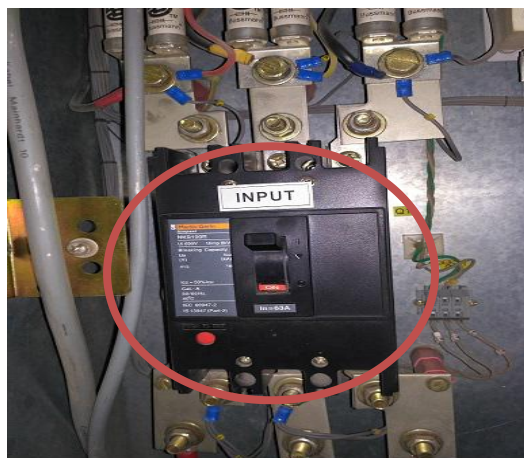


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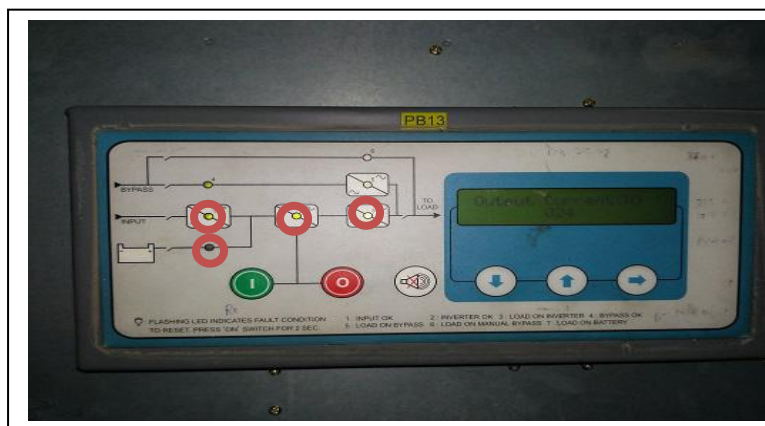
2. Switch OFF the manual bypass.



3. UPS input breaker must be switched ON.



(Note: Once these steps are over, (1), (2), (3) LED's will be ON and LED (7) will be flashing.



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4. Switch ON the battery Input.

