

40FT OVERALL EQUIPMENT AND MANUAL CONTENT CHECKLIST

Customer : ENERGY POWER SYSTEMS AUSTRALIA Job No. : 65789
 Location : 14 GUL AVENUE Date : 18/08/2020
 Switchboard : 40 FOOT CONTAINER APEN4745696 System Voltage : 22KV

Overall							
Description	OK	NOT OK	Remark	Description	OK	NOT OK	Remark
Manufacturer information	<input checked="" type="checkbox"/>	<input type="checkbox"/>		Techn.info HV relay	<input checked="" type="checkbox"/>	<input type="checkbox"/>	
Sticker electrocution danger	<input checked="" type="checkbox"/>	<input type="checkbox"/>		Transformer data	NA	NA	
First aid sign	<input checked="" type="checkbox"/>	<input type="checkbox"/>		Data LV breakers	NA	NA	
Voltage indication outside	NA	NA	Not checked	Test-sheet transformer	NA	NA	
Ventilation indication inside	NA	NA	AIRCON UNIT	Info transformer protection	NA	NA	
Ventilation grid	NA	NA	AIRCON UNIT	Checklists	<input checked="" type="checkbox"/>	<input type="checkbox"/>	
Door locks	<input checked="" type="checkbox"/>	<input type="checkbox"/>		Single line diagram	<input checked="" type="checkbox"/>	<input type="checkbox"/>	
Keys present inside	NA	NA		Layout container	<input checked="" type="checkbox"/>	<input type="checkbox"/>	
Keys present outside	NA	NA		Insulating bench	NA	NA	
Padlocks	<input type="checkbox"/>	<input type="checkbox"/>	Not available	HV Insulating gloves	<input checked="" type="checkbox"/>	<input type="checkbox"/>	New
Indication cells	NA	NA		Gloves box	NA	NA	
Labels on all components	<input checked="" type="checkbox"/>	<input type="checkbox"/>		Operating handle	<input checked="" type="checkbox"/>	<input type="checkbox"/>	
Labels on phases	<input checked="" type="checkbox"/>	<input type="checkbox"/>		Circuit Breakers	HV and LV in OFF position	<input type="checkbox"/>	NA
No pollution	<input checked="" type="checkbox"/>	<input type="checkbox"/>	Final touchup		HV earthed	<input type="checkbox"/>	NA
No corrosion on container	<input checked="" type="checkbox"/>	<input type="checkbox"/>	Final touchup				

Remarks : All remote I/O status, 2 x air-con compressor units and thermostat checked ok.
Conducted bus-bar IR: L1: 15GΩ, L2: 14GΩ, L3: 15GΩ

Inspected By : LINGJ/JEFFREY
 Witnessed By : PARTHA BISWAS

Endorsed by :



40FT COMPONENT CHECKLIST

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	IN1	IN2	IN3	IN4	IN5	IN6	IN7	IN8
Mechanical test								
1 Earthing Mechanical IN/OUT	OK	OK	OK	OK	OK	OK	OK	OK
2 Disconnecter Mechanical IN/OUT	OK	OK	OK	OK	OK	OK	OK	OK
3 Circuit Breaker mechanical IN/OUT	OK	OK	OK	OK	OK	OK	OK	OK
4 Locking test disconnecter earthing	OK	OK	OK	OK	OK	OK	OK	OK
5 Disconnecter not open if vacuum breaker in	OK	OK	OK	OK	OK	OK	OK	OK
6 Disconnecter not closed if vacuum breaker in	OK	OK	OK	OK	OK	OK	OK	OK
7 When not earthed: COVER LOCKED	OK	OK	OK	OK	OK	OK	OK	OK
Relay trip tests								
1 Feeder Protection Relay	OK	OK	OK	OK	OK	OK	OK	OK
Others								
1 Lockout-Tag out plastic bracket	OK	OK	OK	OK	OK	OK	OK	OK
2 Selector switch "A-O-M"	OK	OK	OK	OK	OK	OK	OK	OK
3 Selector switch "ON-OFF"	OK	OK	OK	OK	OK	OK	OK	OK
4 Pilot Lamp (CB ON-OFF-TRIP)	OK	OK	OK	OK	OK	OK	OK	OK

Remarks :

1. Replace gaskets for the (old) doors. (Rectified as per photos in progress report submitted)
2. Install earthing studs at four corners outside. (Installed as per photos in progress report submitted)
3. Provide rubber mat in front of the switchgear. (Installed as per photos in progress report submitted)
4. Install and fix all universal sockets appropriately. (Installed and tested as per photos in progress report submitted)
5. Ensure proper operation of all indoor and outdoor lights. (Installed and tested as per photos in progress report submitted)
6. Label ESTOP and indicating lights inside the control cabinets. (Labelled as per photos in progress report submitted)
7. Apply grease to ensure smooth operation of the disconnecter / earth switch mechanism for the panels. (Completed as per photos in progress report submitted)
8. Seal AC pipe opening before shipment. (Rectified as per photos in progress report submitted)
9. Update as built drawings (some changes marked). (Rectified as per photos in progress report submitted)
10. Final cleaning and touch up after completion of all works.

Inspected By : LINGJ/JEFFREY *my gung*

Witnessed By : PARTHA BISWAS *h*

Endorsed by :



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Mechanical test

- 1 Earthing Mechanical IN/OUT
- 2 Disconnecter Mechanical IN/OUT
- 3 Circuit Breaker mechanical IN/OUT
- 4 Locking test disconnecter earthing
- 5 Disconnecter not open if vacuum breaker in
- 6 Disconnecter not closed if vacuum breaker in
- 7 When not earthed: COVER LOCKED

PT9	OUT 1	OUT 2					
OK	OK	OK					
OK	OK	OK					
NA	OK	OK					
NA	OK	OK					
NA	OK	OK					
NA	OK	OK					
OK	OK	OK					

Relay trip tests

- 1 Feeder Protection Relay

OK	OK	OK					
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Others

- 1 Lockout-Tag out plastic bracket
- 2 Selector switch "A-O-M"
- 3 Selector switch "ON-OFF"
- 4 Pilot Lamp (CB ON-OFF-TRIP)

OK	OK	OK					
NA	OK	OK					
NA	OK	OK					
NA	OK	OK					

Remarks :

Inspected By : LINGJ/JEFFREY

Endorsed by :

Witnessed By :

PARTHA BISWAS

