



# Routine Factory Test



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Quality Control

TECO - Jundi Electrical Industry  
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Amman 11181 Jordan



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Project Name:	PROJECT NAME		
Client:	CLIENT NAME		
Project Engineer:	PROJECT ENGINEER		
TECO Project No.	16126/TC	Production ID:	218
Panel Name:	PLC-RTU	Print Date:	28/3/2017
Drawing No.:	16126-TC-EK-009	Print Time:	4:37:13 pm

## 1. Mechanical tests:

1.1 Components	Passed ( )	1.2 Connections	Passed ( )
1.3 MCB's / Fuses	Passed ( )	1.4 Engraved signs	Passed ( )
1.5 Enclosure System	Passed ( )	1.6 System Busbar	Passed ( )
1.7 PE/N Conductors	Passed ( )	1.8 Contactors	Passed ( )
1.9 Overload Relays	Passed ( )	1.10 Main Breaker	Passed ( )
1.11 Protection Relays	Passed ( )	1.12 Terminals	Passed ( )
1.13 Control Relays	Passed ( )	1.14 Indication Lamps	Passed ( )
1.15 Labeling	Passed ( )	1.16 Numbering	Passed ( )
1.17 Insulators, barriers and non-magnetic cable-entry plates	Passed ( )		
1.18 Torque wrench tightness test and bolts marking	Passed ( )		
1.19 Control, Monitoring and Protection elements	Passed ( )		
1.20 Components' integrity and according design output documents & requirements	Passed ( )		

## 2. Electrical & Functional Tests:

2.1 MCCB ON/OFF	Passed ( )	2.2 Indication Lamps	Passed ( )
2.3 Heater and Fans	Passed ( )	2.2 Push-buttons	Passed ( )
2.5 Lamp test	Passed ( )	2.6 Alarm handling	Passed ( )
2.7 Voltmeter 500 V	Passed ( )	2.8 Voltmeter selector	Passed ( )
2.9 Ammeters	Passed ( )	2.10 Phase Indication Lights	Passed ( )
2.11 Timers	Passed ( )	2.12 Phase Failure Relays	Passed ( )
2.13 Dry Run Relays	Passed ( )	2.14 Thermistor Relays	Passed ( )
2.15 Thermostat	Passed ( )	2.16 MCB's / Fuses	Passed ( )
2.17 Current Transformers	Passed ( )	2.18 MMPU	Passed ( )
2.19 Line Monitor	Passed ( )	2.20 Power Factor Controller	Passed ( )



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### **3. Insulation Test (where applicable only):**

Testing equipment: MEGGER, Test Voltage 1000VDC 1 minute/each

3.1 L1 - L2	Passed ( )	3.2 L1 - L3	Passed ( )
3.3 L2 - L3	Passed ( )	3.4 L1 - N	Passed ( )
3.5 L2 - N	Passed ( )	3.6 L3 - N	Passed ( )
3.7 L1 - E	Passed ( )	3.8 L2 - E	Passed ( )
3.9 L3 - E	Passed ( )		

### **4. High Voltage Test (where applicable only):**

Testing equipment: AC High Voltage, Test Voltage 2500VAC 1 minute/each

4.1 L1 - L2	Passed ( )	4.2 L1 - L3	Passed ( )
4.3 L2 - L3	Passed ( )	4.4 L1 - N	Passed ( )
4.5 L2 - N	Passed ( )	4.6 L3 - N	Passed ( )
4.7 L1 - E	Passed ( )	4.8 L2 - E	Passed ( )
4.9 L3 - E	Passed ( )		

### **5. Other Tests (Optional)**

5.1 .....	Passed ( )
5.2 .....	Passed ( )
5.3 .....	Passed ( )

Remarks:

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### **6. General Notes and Remarks:**

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Testing Eng.:	.....	Assistant Eng.:	.....
Tech -1-	.....	Tech -2-	.....
Client	.....	Witness	.....

Date: .../.../.....