

<b>ZONG 4G</b> A NEW DREAM			CMPAK 2016 Solar Project		
Effective	Owner	Replace	Date	Revision	Site ID
					60187

### **Final Acceptance Certificate (FAC)**

<b>Project Name</b>			
<b>PAT Date</b>	04/04/2018	<b>FAT Date</b>	
<b>Payment Milestone</b>			

*Submission of Certificates / Documents in a binder (Tick if YES/ cross NO. N/A if not applicable)*

Signed BOM / BOQ	<input checked="" type="checkbox"/> Yes	<input type="checkbox"/> No	<input type="checkbox"/> N/A
Site Acceptance	<input checked="" type="checkbox"/> Yes	<input type="checkbox"/> No	<input type="checkbox"/> N/A

No severity /failures (ma//jor/ minor service affecting) during FAT. Site final acceptance report has been agreed & contractor has fulfilled all liabilities as per contract/issued purchase order. Therefore, **FAC** is being issued under this contract/purchase order. No liability related to project, product or workmanship has been observed while issuing this certificate. All Snags highlighted at the time of PAT has been rectified.

<b>NC (Project lead):</b>	<b>NC (Manager):</b>	<b>Regional CTO:</b>
<b>Name:</b>	<b>Name:</b>	<b>Name:</b>
<b>Sign:</b>	<b>Sign:</b>	<b>Sign:</b>
<b>Date:</b>	<b>Date:</b>	<b>Date:</b>

<b>Project Manager (NC HQ)</b>
<b>Name: Younus Ishaq Khan</b>
<b>Sign:</b>
<b>Date:</b>

<b>ZONG 4G</b> A NEW DREAM			CMPAK 2016 Solar Project		
Effective	Owner	Replace	Date	Revision	Site ID
			10-02-2022		60187

## Final Acceptance Test

### TICK SHEET

**Region:** S-3

**Site ID:** 60187

**Address:** QUETTA

**City:** QUETTA

**Site Type:**

(Tick appropriate block):

Greenfield	Rooftop
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(Tick appropriate block):

New site build	Upgrade	Rebuild	Shared Site	<input checked="" type="checkbox"/> Solar site
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#### CONCRETE WORK AND SERVICE ENTRIES

N/A if not applicable.

Item No.	Task description.	Severity	Check Nizam Energy	Verify CMPAK
1	Solar support foundation columns orientation according to site drawing.	A	ok	
2	Solar support foundation columns dimensions as per specification. Record dimensions.	A	ok	
3	Backfill and Compaction of Underground Battery Bank has been done properly.	A	ok	
4	General workmanship.	A	ok	

Checked by (Nizam Energy)

Verified by (CMPAK)

Name: Saqib Gul

Name: \_\_\_\_\_

Sign: \_\_\_\_\_

Sign: \_\_\_\_\_

Date: 10-Feb-2022

Date: \_\_\_\_\_

<b>ZONG 4G</b> A NEW DREAM			CMPAK 2016 Solar Project		
Effective	Owner	Replace	Date	Revision	Site ID
			10-02-2022		60187

### SOLAR SYSTEM INSTALLATION

Tick if correct/ cross if not.

N/A if not applicable.

Item no.	Task description.	Severity	Check vendor Nizam Energy	Verify CMPAK
1	Solar panels and battery bank are deployed as per the approved design document. Vendor has the approved design document for supporting this verification	A	ok	
2	Battery bank is in healthy condition and can charge at minimum 0.1C. Battery bank voltage when fully charged and voltage drop when 60% discharge is as per the battery bank data sheet provided by the vendor	A	ok	
3	The quantity and specifications of solar module are in compliance with design requirements.	A	ok	
4	No component in the solar module is loose or damaged. Panels should be firm tight with no vibration or loose bolts	A	ok	
5	Panels as a whole system are providing peak current or watts as per the specifications on a sunny day at around noon time.	A	ok	
6	All parts of the solar panel supports are hot dipped galvanized	A	ok	
7	General workmanship.	A	ok	

Checked by (Nizam Energy)

Verified by (CMPAK)

Name: Saqib Gul

Name: \_\_\_\_\_

Sign: \_\_\_\_\_

Sign: \_\_\_\_\_

Date: 10-Feb-2022

Date: \_\_\_\_\_

Tick if correct/ cross if not!

N/A if not applicable.

Item no.	Task description.	Severity	Check Nizam Energy	Verify CMPAK
1	LCD display in Rectifier Rack works normally	A	ok	
2	LED display in Rectifier Rack works normally	A	ok	
3	When input and connecting loads of rectifier work normally , every rectifier model work normally	A	ok	

Checked by (Nizam Energy)

Verified by (CMPAK)

Name: Saqib Gul

Name: \_\_\_\_\_

Sign: \_\_\_\_\_

Sign: \_\_\_\_\_

Date: 10-Feb-2022

Date: \_\_\_\_\_

<b>ZONG 4G</b> A NEW DREAM			CMPAK 2016 Solar Project		
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## SNAG LIST

Fault			Fault Resolved		
Item	Detail Description	Severity Level (A)	Date	Vendor Nizam Energy	Verify CMPAK
1.					
2.					
3.					
4.					
5.					
6.					
7.					
8.					
9.					
10.					

Note: Vendor to include all faults identified on equipment - specific tests in the above list.

- Severity Level A faults must be resolved immediately.
  - Severity Level B faults must be resolved within 10 days. (Number should not exceed 20)
- Target Date to clear the snags:\_\_

Checked by (Nizam Energy)

Name: Saqib Gul

Sign: \_\_\_\_\_

Date: 10-Feb-2022

Verified by (CMPAK)

Name: \_\_\_\_\_

Sign: \_\_\_\_\_

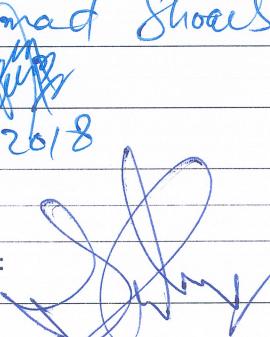
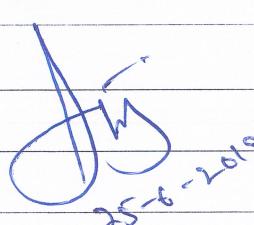
Date: \_\_\_\_\_

ZONG 4G A CHINA MOBILE COMPANY	CMPak Solar Power Project-2016		
Document Type	Project PO #	PAC Signing Date	Site ID
Provisional Acceptance Certificate (PAC)	PPC-069816 PPC-069821		60187 ✓

### Work Completion Certificate/Provisional Acceptance Certificate (PAC)

Project Name	CMPak Solar Power Project		
PO #	PPC-069816 PPC-069821	Vendor	M/s Nizam Energy (Pvt) Ltd.
Location	Site 60187-Quetta	Region	South-3

It is certified that contractor has successfully completed the Solar Power Project & other allied works as per the defined scope of works mentioned in the issued purchase order & as per BOQ locked for this project. Therefore, Work Completion or Provisional Acceptance Certificate is issued under this contract or purchase order, scope of work /specifications and design requirement as specified by CMPak. No major deficiency or defects in technical design (if applicable) and implementation has been observed while issuing this **Work Completion Certificate** against the aforementioned works at Site 60187 as per above referred contract or purchase order.

Project Manager-(Vendor):	Project Lead-Region (CMPak) :
Name: <u>Muhammad Shoaib</u>	Name:
Sign: 	Sign: 
Date: <u>23/April/2018</u>	Date: <u>25-6-2019</u>

Regional CTO (CMPak):
Name: 
Sign: 
Date:

4G

Document Type	Project PO #	Site ID
Solar Equipment Supply and Services PAT document	PPC-069816 PPC-069821	60187

Supply & Services BOQ

	Items	Qty	Unit	CMPak Verified
PV Panels	PV Modules Poly-crystalline 250W along with MC4 connectors	39	Nos	✓
Solar Power System	Power Plant 450Amp Infinity S Power System including all allied accessories and cables: <ul style="list-style-type: none"> <li>o Aluminized steel with anticorrosion coating</li> <li>o DIN-rails for 19" power equipment</li> <li>o Fan/Filter Cooling</li> <li>o Front door</li> <li>o 9 universal positions</li> <li>o Hot-swappable modular design</li> <li>o Protection degree IP55</li> <li>o MCU – (Monitoring and control unit)</li> <li>o Communication via SNMP/RS232</li> <li>o LVBD</li> <li>o LVLD</li> </ul>	1	Nos	✓
	NE050ECO48ATEZ Rectifier/Solar Charge ECO Priority Module	8	Nos	✓
	Pulsar Plus System Controller	1	Nos	✓
	PDU – (Power distribution unit) incl. circuit breakers (8 x 10 A, 6 x 16 A, 2 x 32 A, 2 x 63 A), protections	1	Nos	✓
Underground Battery Cabinet	Underground battery cabinet with <b>GRP Casing and Geotherm Plates</b> , IP68 with fan/filter for ventilation for 800AH bank	1	Nos	✓
	DC power cable, 4 mm <sup>2</sup> Red for panel interconnection	120	Meter	✓
	DC power cable, 4 mm <sup>2</sup> Black for panel interconnection	120	Meter	✓
	DC power cable, 4 mm <sup>2</sup> for Earthing	55	Meter	✓
	DC power cable, 4 mm <sup>2</sup> for Earthing power cabinet	6	Meter	✓
	DC power cable, 70 mm <sup>2</sup> between battery bank and solar controller	55	Meter	✓
	Earthing Cable 70mm <sup>2</sup> , including associated material required to ground the Solar Solution	50	Meter	✓
	AC power cable, 10 mm <sup>2</sup> (4 core) for AC connection	14	Meter	✓
	Installation material and accessories	1	Lump Sum	✓
	Site survey	2	Per site	✓
	Engineering design	1	Per site	✓
	Transportation of solar system & materials etc. to site	1	Per site	✓
	Foundation for solar support structure	1	Per site	✓
	Foundation for solar control equipment & battery	1	Per site	✓
	Solar panel & support system installation and commissioning	1	Per site	✓
	Solar control equipment installation	1	Per site	✓
	Solar system commissioning	1	Per site	✓
	Battery Bank Installation	1	Per site	✓

10-04-18

10/04/18

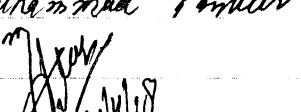
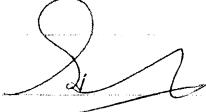
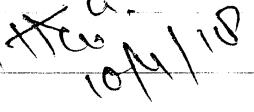
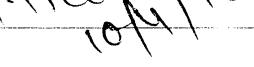
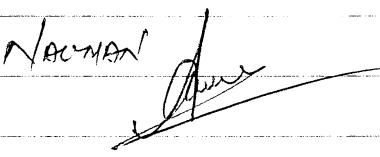
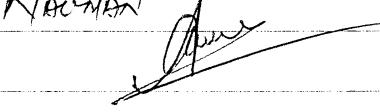
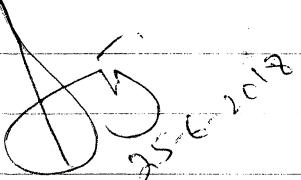
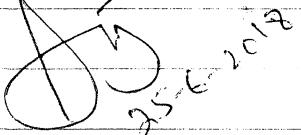
AHMED MULIKA  
RGA-Oman  
Muascat  
Oman  
13/04/18

4G

Document Type	Project PO #	Site ID
Solar Equipment Supply and Services PAT document	PPC-069816 PPC-069821	60187

Supply & Services BOQ

Items	Qty	Unit	CMPak Verified
Extension, patching, commissioning & testing (from NOC) of all the solar alarms	1	Per site	✓
AC and DC cables laying	1	Per site	✓
Concrete compressive strength test results	1	Per site	✓
Steel test results	1	Per site	✓
Backfilling compaction test results	1	Per site	✓ S. J. Almas 13/7/18

Checked by (Vendor)	Verified by (CMPAK)
Name: Muhammad Farooq Sign:  Date: 04/04/18	Name: Samiullah Jozzai Sign:  Date: 04/04/18
Verified by (CMPAK)	Verified by (CMPAK)
Name:  Sign:  Date: 10-04-18	Name:  Sign:  Date: 10/04/18
Verified by (CMPAK)	Verified by (CMPAK)
Name:  Sign:  Date: 25/04/18	Name:  Sign:  Date: 25/04/18

AHMED MUNIRI  
 RPA-South  
 CMPAK Ltd (UAE)  
 Quality Assurance Department  
 Received with BOQ  
 12/04/18

Site Model				
Site Name	60187 <i>Solar Site</i>			
Alias				
Address	Intiqal #. 36, Khasra #. 2, Kute # 92, Kathooni #. 108, Mooza, Samali, Tapa Khuchlak, Killi Samali, Tehsil and District Quetta			
City	Quetta			
Region	South			
Band	<input type="checkbox"/>	1800	<input type="checkbox"/>	2100
Site Type Civil	<input type="checkbox"/>	New Site Build	<input type="checkbox"/>	Rebuilt
	<input type="checkbox"/>	Upgrade	<input type="checkbox"/>	Shared Site
If shared, with				
Site Type (Technical)	<input type="checkbox"/>	Hub Site		
	<input type="checkbox"/>	BTS		
BTS Model	<input type="checkbox"/>	Node-b BBU 3900	<input type="checkbox"/>	3012AE
	<input type="checkbox"/>	3006C		

1. CM Pak will provide tagging checklist and tags to contractor.
2. All assets, as per attached list will be tagged by contractor.
3. Tagging sheet is to be signed by CM Pak's designated officers (Rollout and O&M) and contractor at site and by RPA at office. The soft data (Excel Sheet) of Tagging to be prepared by contractor. Regional accountant will cross match the Tagging sheet with
4. All sites for which PAT has been done successfully, the tagging data (hard and soft) is required to be provided within 7 working days.
5. For a successful PAT, the successful completion of clause '3' above is mandatory.

**6. If old equipment is re-used, the old tag / serial numbers shall be written in the tagging sheet which is attached herewith. Note that old tags shall not be replaced with new tags in case of re-use equipment**

Position: 193

Tagging Sheet

Subsystem: KMRNI

PCI, XI, error

**ZONG**

Solar Equipment and Services PAT document

Site ID :	60187
PO Number :	PPC-069816 PPC-069821

Asset Tag Sheet

**Asset Tag and Description**

Asset Description	Ref No	Serial Number	Model/Make	Asset Code	Remarks
Solar PV(Polycrystalline), 265 Watt (39 panels) complete, all power cables between solar panels	PV Panels	JA-P6-60-265-3BB-488 JA-P6-60-265-3BB-527	JA Solar_265Wp	 CM1468148	
grid ground battery cabinet for 1000AH battery, complete with monitoring system, sensors and control software	Battery Cabinet	NE-SBC-001P	NE-SBC Battery Cabinet	 CM1468149	
Power System Cabinet including 08 Eco priority surge Controllers, Pulsar plus controller & all Distribution complete in all respects as per ROP	Power System Cabinet	CO-002016-000-014	GE	 CM1468150	

Nizam Energy  
Authorized Person

Name:  
Signature:  
Date:

CM Pak  
Authorized Person - Rollout

Name:  
Signature:  
Date:

Muhammad Yasser  
20/04/18

Nizam  
20/04/18

CM Pak  
Authorized Person: O & M

Name:  
Signature:  
Date:

CM Pak  
Authorized Person: Fixed Asset Team (FAT)

Name:  
Signature:  
Date:

60187  
Nizam Sol  
Set

F.Khan  
20/04/18

S.A  
10-04-18



CMPAK 2016 Solar Project

Effective	Owner	Replace	Date	Revision	Site ID
					60187

## ACCEPTANCE TEST PROCEDURE

## TICK SHEET

Region: South 3

Site Name: 60187

Address: Ruchlak

City: Quetta

Site Type:

(Tick appropriate block):

Greenfield	Rooftop
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(Tick appropriate block):

New site build	Upgrade	Rebuild	Shared Site	Solar site
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Approved layout & DED attached in the PAT folder

Checked by (Vendor)Name: M. FarooqSign: [Signature]

Date: \_\_\_\_\_

Verified by (CMPAK)Name: SamiullahSign: [Signature]

Date: \_\_\_\_\_



## CMPAK 2016 Solar Project

Effective	Owner	Replace	Date	Revision	Site ID
					60187 <i>(Handwritten)</i>

### SITE LAYOUT

N/A if not applicable.

Item No.	Task description.	Severity Level	Check Vendor	Verify CMPAK
1	Vendor has an approved site layout plan	A	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>
2	Site laid out as per approved plan	A	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>

### CERTIFICATES AND TEST REPORTS IN THE SITE BINDER

N/A if not applicable.

Item No.	Task description.	Severity Level	Check Vendor	Verify CMPAK
1	Steel test report	A	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>
2	Concrete cube test report – 28 days	A	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>

\*\* Material, approved brands, and labs are already communicated and shared with vendors in the kick-off meeting and minutes of meeting.

### CONCRETE WORK AND SERVICE ENTRIES

N/A if not applicable.

Item No.	Task description.	Severity Level	Check Vendor	Verify CMPAK
1	Concrete cube test results conform to strength requirements of 25 MPa after 28 days	A	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>
2	Solar support foundation columns orientation according to site drawing.	A	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>
3	Solar support foundation columns dimensions as per specification. Record dimensions.	B	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>
4	Backfill and Compaction of Underground Battery Bank has been done properly.	B	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>
5	Solar Support structures installed as per specification.	A	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>
6	CMPak approved brands and approved labs are being consulted for civil work testing reports and material installation		<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>
7	General workmanship.	B		<input checked="" type="checkbox"/>

#### Checked by (Vendor)

Name: M. Farooq

Sign: 

Date: \_\_\_\_\_

#### Verified by (CMPAK)

Name: Samiullah

Sign: 

Date: \_\_\_\_\_

Effective	Owner	Replace	Date	Revision	Site ID
					60187

**SOLAR SYSTEM INSTALLATION**

Tick if correct/ cross if not.

N/A if not applicable.

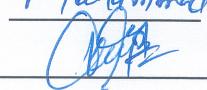
Item no.	Task description.	Severity Level	Check vendor	Verify CMPak
1	Solar panels and battery bank are deployed as per the approved design document. Vendor has the approved design document for supporting this verification	A	✓	✓
2	Battery bank is in healthy condition and can charge at minimum 0.1C. Battery bank voltage when fully charged and voltage drop when 60% discharge is as per the battery bank data sheet provided by the vendor	A	✓	✓
3	The quantity and specifications of solar module are in compliance with design requirements.	A	✓	✓
4	No component in the solar module is loose or damaged. Panels should be firm tight with no vibration or loose bolts	B	✓	✓
5	The control units in solar panel are positioned and oriented according to design requirements.	A	✓	✓
7	The coating of control unit is intact. The surface of equipment is neat without such stains as fingerprints. All the labels are correct, legible, intact, firmly attached, and hard to be destroyed for aging, soaking and other reasons.	B	✓	✓
8	All the supports of solar array are connected to the site's grounding network.	B	✓	✓
9	Inside the solar power controller, the surge protection grounding is firm, with the grounding lead connected to the site's copper grounding bar.	B	✓	✓
10	The storage batteries and battery brackets are positioned and oriented according to design requirements. The batteries are placed orderly and firmly.	B	✓	✓
11	Panels, Batteries & Charge controller supplied are of approved brand as per specified in the technical specifications and PO	B	✓	✓
12	Panels as a whole system are providing peak current or watts as per the specifications on a sunny day at around noon time. To be verified on charge controller	A	✓	✓
13	Battery cabinet is properly ventilated and has gas exhaust ducts (for underground battery banks)	A	✓	✓
14	Interconnecting cables, DC cables, and earthing cables used are per the technical specifications and comply CMPak standards	A	✓	✓
15	Rationality of installing position for GSU and sensors (for external alarms)	B	✓	✓
16	The Solar Controller and DCDC converter (If available) are positioned and oriented according to design requirements.	B	✓	✓
17	Correct Brand material is used according to specification.	B	✓	✓
18	All parts of the solar panel supports are hot dipped galvanized	A	✓	✓
19	General workmanship.	B	✓	✓



<b>ZONG</b> Say it all			CMPAK 2016 Solar Project		
Effective	Owner	Replace	Date	Revision	Site ID
					60187 /

Checked by (Vendor)

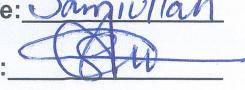
Name: Muhammad Shoaib

Sign: 

Date: 2

Verified by (CMPAK)

Name: Samiullah

Sign: 

Date: \_\_\_\_\_

**SOLAR SYSTEM Alarms Integration**

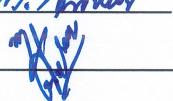
Tick if correct/ cross if not.

N/A if not applicable.

Item no.	Task description.	Severity Level	Check vendor	Verify CMPak
1	Solar system alarms are properly integrated and operational with CMPak alarm monitoring system and can be visible and monitored at CMPak NOC	A	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>
<b>Commercial Power Alarms</b>				
	CP failure alarm	A	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>
	Phase miss / Low voltage alarm	B	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>
<b>Rectifier Alarms</b>				
	Rectifier input failure alarm	A	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>
	Rectifier module failure alarm	B	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>
	DC low voltage alarm	A	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>
<b>Battery Alarms</b>				
	Battery over temperature alarms	A	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>
	Battery cabinet over temperature alarms	A	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>
	Battery cabinet fan failure alarm	A	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>
<b>DG Alarms</b>				
	DG running alarm	A	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>
	DG failure alarm	A	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>
	Low fuel alarm	B	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>

Checked by (Vendor)

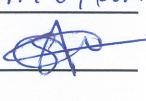
Name: M. Farwah

Sign: 

Date: \_\_\_\_\_

Verified by (CMPAK)

Name: Samiullah

Sign: 

Date: \_\_\_\_\_

**ON AIR by Solar System CHECK LIST**



CMPAK 2016 Solar Project

Effective	Owner	Replace	Date	Revision	Site ID
					60187 ✓

Tick if correct/ cross if not!

N/A if not applicable.

Item no.	Task description.	Severity Level	Check vendor	Verify CMPak
1	Open circuit voltage range of the solar photovoltaic array when sunlight illumination is sufficiently strong , the range is between 90V—140V. Check in junction box side	A		✓
2	Solar controller parameter setting: voltage limit for battery under-voltage alarm must between 46V—48V	B		✓
3	Solar controller parameter setting: voltage limit for battery over – discharge protection must between 42V—48V	B		✓
4	Solar controller parameter setting: voltage limit for battery overcharge alarm must between 57V—60V	B		✓
5	LCD display in Rectifier Rack works normally	B		✓
6	LED display in Rectifier Rack works normally	B		✓
7	The voltage of whole group of battery is higher than 48V after full charging, check in battery side	B		✓
8	When input and connecting loads of rectifier work normally , every rectifier model work normally	B		✓
9	The output voltage of the rectifier is between 53V to 57V, check in rectifier side	A		✓
10	Battery charging and discharging tests	A		✓
11	LLVD & BLVD tests			✓

Checked by (Vendor)

Name: M. Farooq

Sign: [Signature]

Date: \_\_\_\_\_

Verified by (CMPAK)

Name: Samirullah

Sign: [Signature]

Date: \_\_\_\_\_

Effective	Owner	Replace	Date	Revision	Site ID
					60187

### CMPak Civil Approved Brand List

The contractor has used the material from the below listed approved brands during the construction.

S.No.	Material	Severity Level	Approved Brand
1	Cement brands	A	Askari cement, best way cement, lucky cement, DG cement, Fecto, Pak Cement
2	Steel brands	A	Fazal, Ittehad, Itefaq, Mughal, Model, Ishtiaq, Afco, NSS
3	Design companies	A	EDB, Niazi, Exponent engineers, Designmen, MTE
4	Soil/Steel/Concrete tests	A	UET Lahore, UET Taxila, UET Peshawar & other UETs, NUST, CMTL (Wapda), PCSIR, BZU Multan, UET Khuzdar, NED Karachi
5	Sand source	A	Lawrencepur Sand, Chenab/Sakhi sarwar, Hub river, Run Pathani or euqivalent
6	Crush source	A	Margalla, Sargodha, Run Pathani or equivalent
7	Power cable and earthing cable brand	A	Pakistan Cable, FAST cable, New Age, Pioneer

### SNAG LIST

Site Name:

60187

Address:

Fault			Fault Resolved		
Item	Detail Description	Severity Level (B)	Date	Vendor	Verify CMPak
1.	Under ground BB backfilling req.				<input checked="" type="checkbox"/>
2.	Earth cable fixig req to column				<input checked="" type="checkbox"/>
3.	Elect test required				<input checked="" type="checkbox"/>
4.	tension check required				<input checked="" type="checkbox"/>
5.	column/ finishing req				<input checked="" type="checkbox"/>
6.	grounding required on column				<input checked="" type="checkbox"/>
7.	Jubilee clamp required				<input checked="" type="checkbox"/>
8.	To fixed column structure				<input checked="" type="checkbox"/>
9.	To PVC pipe				<input checked="" type="checkbox"/>
10.	gravel required after				<input checked="" type="checkbox"/>
11.	back fill				<input checked="" type="checkbox"/>
12.	All civil related doc				:
13.	req.				:
14.	28 days test req.				:
15.	7 days test req.				:
16.					
17.					
18.					

Effective	Owner	Replace	Date	Revision	Site ID
					60187

Note: Vendor to include all faults identified on equipment - specific tests in the above list.

- Severity Level A faults must be resolved immediately.
- Severity Level B faults must be resolved within 14 days. (Number should not exceed 20)

Target Date to clear the snags: \_\_\_\_\_

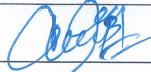
Main Vendor:

Accepted by for (CMPak)

Authorized Person (Manager):

Authorized Person (Regional PM):

Name: Muhammad Shoail

Sign: 

Name: \_\_\_\_\_

Date: \_\_\_\_\_

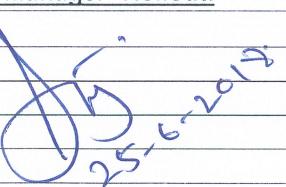
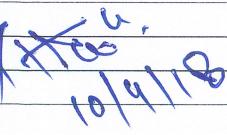
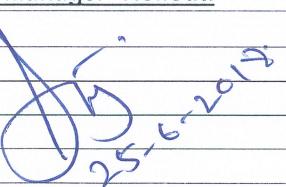
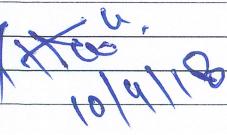
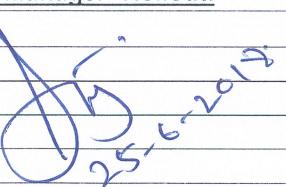
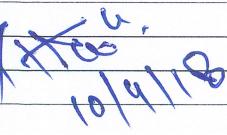
Sign: \_\_\_\_\_

Date: \_\_\_\_\_

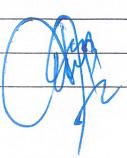
#### PRELIMINARY ACCEPTANCE TEST performed by:

<u>Vendor:</u>	<u>CMPak</u>
<u>Authorized Person:</u>	<u>Authorized Person:</u>
Name: <u>M. Saeed</u>	Name: <u>Samullah Fozzai</u>
Sign: 	Sign: 
Date: _____	Date: _____

#### Approved by:

<u>CMPak</u>	
<u>Regional Project Manager- Rollout:</u>	<u>Regional Manager -O&amp;M:</u>
Name: 	Name: 
Sign: 	Sign: 
Date: 	Date: 

  
18-04-18

<u>Vendor:</u>	<u>CMPak</u>
<u>Authorized Person:</u>	<u>Authorized Person:</u>
Name: <u>Muhammad Shoail</u>	Name: _____
Sign: 	Sign: _____



## CMPAK 2016 Solar Project

Effective	Owner	Replace	Date	Revision	Site ID
					60187

Date:	Date:
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FINAL ACCEPTANCE TEST performed by:

Approved by:

CMPPak	
Regional Manager O&M:	RCTO:
Name:	Name:
Sign:	Sign:
Date:	Date: