



## Task Force SAFE

### Objective

The objective of this service contract is for the Contractor to provide technical services including, but not limited to inspections, assessments, repairs, testing, reports, training for facilities, and operations-related projects.

### Definitions

- **LHS Electrical Deficiency:** A deficiency that is in its current state likely to bring harm or damage.
- **Imminent LHS Electrical Deficiency is defined as:** A deficiency that is in its current state is certain to bring harm or damage.
- **Mitigated is defined as:** The action of reducing an Imminent LHS deficiency.
- **RAC – Risk Assessment Code:** To provide insight for safety personnel the severity of identified deficiencies if left as found and is meant for information purposes only.
- **RAC 1:** Immediate danger to public or property with critical to catastrophic consequences.
- **RAC 2:** Possible danger to public or property with significant to minor consequences.

### Workflow

1. Inspections will be performed from source to end users.
2. When a deficiency is identified, it will always be documented, at that point and time it was found.
3. If a deficiency is found it will never be left in its current unsafe condition. A deficiency will either be repaired or mitigated.
4. Mitigating actions could include, but are not limited to, isolating the supply, posting warning signs and/or barriers or even just making the site aware of the risk.
5. On recording any deficiency, it will be recorded at the status as to which it was initially inspected.
6. Actions have been put in place by TFS, in order to allow a true reflection of the condition of all inspected electrical systems and facilities.

### Closing Summary

The inspection report provides a simple engineering view of a facilities electrical safety condition where it can continue to be used safely, along with all LHS deficiencies being highlighted in accordance with the general scope of the TF SAFE contract. This medium can supply a brief insight to the possible risk factors in and around a specific location within the AOR either CENTCOM wide or locally for the commander at a specific FOB. The TFS team can provide specialist knowledge and experience to assist in reducing the overall risk.

**Inspection-Report\_TFSAFE\_Full\_ALQ26\_SDP-1-2-E\_113\_08-06-26\_1-9**

<b>Base Location</b>	Al Quwayrah	<b>Date:</b>	08-JUN-2026
<b>Base Code</b>	ALQ26	<b>Team #:</b>	113
<b>Building #</b>	SDP-1-2-E	<b>System Voltage</b>	230/400
<b>Building Type</b>	SDP	<b>Inspection Phase</b>	Full Inspection
<b>Previous Report #:</b>	N/A	<b>Work Order:</b>	TFS-ALQ26-2026-00006

**Physical Building Location Description:**

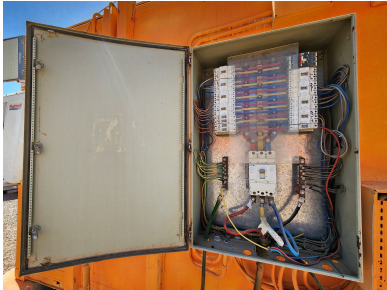
Located behind DFAC on the northeast perimeter.

**Overall Building Electrical System:** Poor

**Building Picture:****Deficiencies (9):**

<b>Deficiency #1</b>	<b>RAC 2</b>	<b>Occurrences: 1</b>
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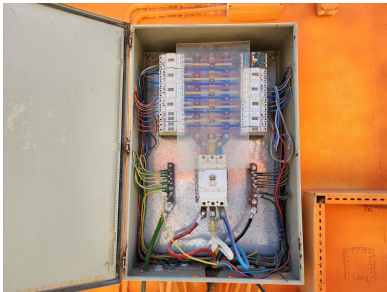
**Description:** SDP is unlisted.



<b>Location:</b>	Rear of kitchen.
<b>Category:</b>	Unlisted Equipment
<b>Equipment:</b>	SDP
<b>Imminent:</b>	No
<b>Action:</b>	N/A
<b>Assigned To:</b>	O&M; Provider
<b>Code:</b>	British Standard 511: Compliance with standards
<b>Status:</b>	Open

<b>Deficiency #2</b>	<b>RAC 2</b>	<b>Occurrences: 1</b>
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**Description:** There is no dead front within SDP. Door requires a key or a tool for access.



<b>Location:</b>	Within SDP.
<b>Category:</b>	Improper Use / Damaged
<b>Equipment:</b>	SDP
<b>Imminent:</b>	No
<b>Action:</b>	N/A
<b>Assigned To:</b>	O&M; Provider
<b>Code:</b>	British Standard 132: Protection against electric shock
<b>Status:</b>	Open

<b>Deficiency #3</b>	<b>RAC 2</b>	<b>Occurrences: 5</b>
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**Description:** Unused openings compromising integrity of IP rating.



<b>Location:</b>	Within SDP.
<b>Category:</b>	Improper Use / Damaged
<b>Equipment:</b>	SDP
<b>Imminent:</b>	No
<b>Action:</b>	N/A
<b>Assigned To:</b>	O&M; Provider
<b>Code:</b>	British Standard 522: Selection and erection of wiring systems in relation to external influences
<b>Status:</b>	Open

<b>Deficiency #4</b>	<b>RAC 3</b>	<b>Occurrences: 1</b>
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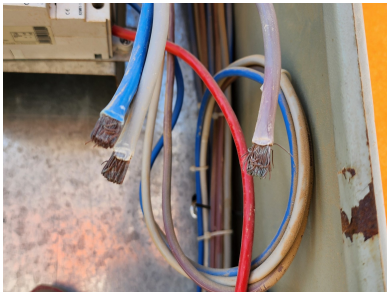
**Description:** SWA gland to main incoming supply cable is not fixed into position.



<b>Location:</b>	Within SDP.
<b>Category:</b>	Poor Workmanship
<b>Equipment:</b>	SDP
<b>Imminent:</b>	No
<b>Action:</b>	N/A
<b>Assigned To:</b>	O&M; Provider
<b>Code:</b>	British Standard 510: Common rules
<b>Status:</b>	Open

<b>Deficiency #5</b>	<b>RAC 3</b>	<b>Occurrences: 1</b>
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**Description:** Redundant outgoing circuit has bare ends left exposed. TF Safe made safe on the spot.



<b>Location:</b>	Within SDP.
<b>Category:</b>	Poor Workmanship
<b>Equipment:</b>	SDP
<b>Imminent:</b>	No
<b>Action:</b>	N/A
<b>Assigned To:</b>	Task Force SAFE
<b>Code:</b>	British Standard 510: Common rules
<b>Status:</b>	Closed / Repaired

<b>Deficiency #6</b>	<b>RAC 2</b>	<b>Occurrences: 1</b>
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**Description:** No supplementary bond installed to door.



<b>Location:</b>	Within SDP.
<b>Category:</b>	Grounding and Bonding
<b>Equipment:</b>	SDP
<b>Imminent:</b>	No
<b>Action:</b>	N/A
<b>Assigned To:</b>	O&M; Provider
<b>Code:</b>	British Standard 542: Earthing arrangements
<b>Status:</b>	Open

<b>Deficiency #7</b>	<b>RAC 2</b>	<b>Occurrences: 1</b>
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**Description:** Ze reading of 10.38 Ohms exceeds the maximum permitted tolerance of 0.8 Ohms.



<b>Location:</b>	Within SDP.
<b>Category:</b>	Grounding and Bonding
<b>Equipment:</b>	SDP
<b>Imminent:</b>	No
<b>Action:</b>	N/A
<b>Assigned To:</b>	O&M; Provider
<b>Code:</b>	British Standard 132: Protection against electric shock
<b>Status:</b>	Open

<b>Deficiency #8</b>	<b>RAC 2</b>	<b>Occurrences: 1</b>
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**Description:** CPC is terminated to ground electrode conductor.



<b>Location:</b>	Below SDP.
<b>Category:</b>	Grounding and Bonding
<b>Equipment:</b>	GND
<b>Imminent:</b>	No
<b>Action:</b>	N/A
<b>Assigned To:</b>	O&M; Provider
<b>Code:</b>	British Standard 542: Earthing arrangements
<b>Status:</b>	Open

<b>Deficiency #9</b>	<b>RAC 2</b>	<b>Occurrences: 2</b>
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**Description:** Circuit 3/TP, 6mm<sup>2</sup> conductors fed from 63A MCCB. Circuit 9/TP, 16mm<sup>2</sup> conductors fed from 100A MCCB.



<b>Location:</b>	Within SDP.
<b>Category:</b>	Improper Use / Damaged
<b>Equipment:</b>	SDP
<b>Imminent:</b>	No
<b>Action:</b>	N/A
<b>Assigned To:</b>	O&M; Provider
<b>Code:</b>	British Standard Appx 4: Current carrying capacities and voltage drop for cables
<b>Status:</b>	Open

## Inspection-Report\_TFSAFE\_Full\_ALQ26\_SDP-1-2-E\_113\_08-06-26\_1-9

<b>Base Location</b>	Al Quwayrah	<b>Date:</b>	08-JUN-2026
<b>Base Code</b>	ALQ26	<b>Team #:</b>	113
<b>Building #</b>	SDP-1-2-E	<b>System Voltage</b>	230/400
<b>Building Type</b>	SDP	<b>Inspection Phase</b>	Full Inspection
<b>Previous Report #:</b>	N/A	<b>Work Order:</b>	TFS-ALQ26-2026-00006

### Summary of Findings:

x 1 SDP. x 1 350A 3P MCCB. x 2 100A 3P MCCB's. x 2 63A 3P MCCB's. x 2 40A 3P MCCB's. x 1 50A 1P MCCB. x 1 25A 3P MCCB. x 4 20A 1P MCCB's. All cabling, terminations and earthing arrangements. Multiple outgoing circuits have not been crimped to MCCB's. Main earth is a 300mm<sup>2</sup> single core conductor terminated to a ground rod, resulting in high Ze readings.


### Signatures:

**Inspector 1: Jon Sharp**



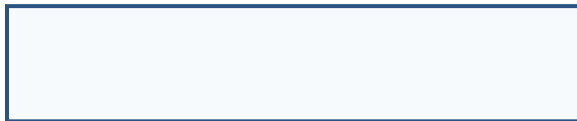
Date: 10-JUN-2026

**Inspector 2: Giles Vincent-Edwards**



Date: 10-JUN-2026

**QC Reviewer: David Forbes**



Date: 10-JUN-2026