



## 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-W\_113\_15-06-26\_1-6

<b>Base Location</b>	Al Quwayrah	<b>Date:</b>	15-JUN-2026
<b>Base Code</b>	ALQ26	<b>Team #:</b>	113
<b>Building #</b>	SDP-1-W	<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-ALQ26-2026-00012

### Physical Building Location Description:

Located to the west of camp outside CHU-E25.

**Overall Building Electrical System:** Fair

### Building Picture:



### Deficiencies (6):

<b>Deficiency #1</b>	<b>RAC 2</b>	<b>Occurrences: 1</b>
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**Description:** Locking mechanism to door is damaged. Fixed into position with self-tapping screws. Access requires the use of a tool and SDP-1-W is fenced off.



<b>Location:</b>	SDP-1-W
<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 642: Inspection
<b>Status:</b>	Open

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



<b>Location:</b>	Within 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 #3</b>	<b>RAC 3</b>	<b>Occurrences: 14</b>
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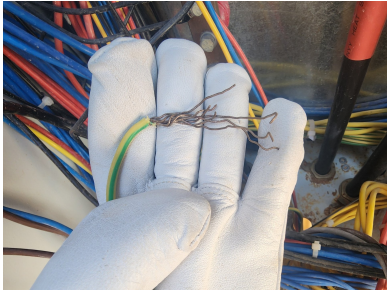
**Description:** Redundant outgoing circuits have bare ends left exposed.



<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>	Closed / Repaired

<b>Deficiency #4</b>	<b>RAC 1</b>	<b>Occurrences: 1</b>
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**Description:** CPC to circuit 12/TP has become disconnected.



<b>Location:</b>	Within SDP, circuit 12/TP.
<b>Category:</b>	Improper Use / Damaged
<b>Equipment:</b>	GND
<b>Imminent:</b>	Yes
<b>Action:</b>	N/A
<b>Assigned To:</b>	O&M; Provider
<b>Code:</b>	British Standard 542: Earthing arrangements
<b>Status:</b>	Closed / Repaired

<b>Deficiency #5</b>	<b>RAC 3</b>	<b>Occurrences: 1</b>
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**Description:** No SWA gland in place to circuit 12/TP, providing abrasion protection.



<b>Location:</b>	Within SDP, circuit 12/TP.
<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 #6</b>	<b>RAC 2</b>	<b>Occurrences: 3</b>
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**Description:** Circuit 7/L2 - 10mm<sup>2</sup> three-core SWA fed from 63A 1P MCCB. Circuit 24/L1 and 24/L2 - 6mm<sup>2</sup> three-core SWA's fed from 63A 1P MCCB's.



<b>Location:</b>	Within SDP, circuit 7/L2, 24/L1 and 24/L2.
<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

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<b>Base Code</b>	ALQ26	<b>Team #:</b>	113
<b>Building #</b>	SDP-1-W	<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-ALQ26-2026-00012

### **Summary of Findings:**

x 1 SDP. x 3 100A 3P MCCB's. x 6 63A 1P MCCB's. x 21 40A 3P MCCB's. x 10 32A 3P MCCB's. All cabling, terminations and earthing arrangements. Single core conductors run separately through a ferrous gland plate. The risk of eddy currents generating excessive heat is deemed negligible after load test. Ze test readings are within the maximum permitted tolerance of 0.8 Ohms.

### **Signatures:**

**Inspector 1: Jon Sharp**

Date: 16-JUN-2026

**Inspector 2: Giles Vincent-Edwards**

Date: 16-JUN-2026

**QC Reviewer: David Forbes**

Date: 16-JUN-2026