



**Annexure 1  
DEPARTMENT OF LABOUR  
OCCUPATIONAL HEALTH AND SAFETY ACT, 1993  
CERTIFICATE OF COMPLIANCE**

Comments: .....

Comments on parts of the installation not covered by this report: Fixtures and Fittings

**SECTION 5 - RESPONSIBILITY**

**NOTE** – For existing installations, complete only 5.4. For new/altered/temporary installations, if no signature appears in 5.1 to 5.3 the signatory of 5.4 takes responsibility. Where there are five or more installations on the same supply, a competent person signs 5.5

**5.1 DESIGN.** I, being the person responsible for the DESIGN of the electrical installation, particulars of which are described in section 3 of this form, CERTIFY that the work for which I have been responsible, is to the best of my knowledge and belief in accordance with the relevant legislation. The extent of my liability is limited to the installation described in section 3 of this form.

For the DESIGN of the installation:

Name (in block letters): ..... Position: .....  
Address: .....  
Signature: .....  
Profession Registration No.: (where applicable) ..... Date: .....

**5.2 MATERIAL SPECIFICATION / PROCUREMENT.** I/We, being the person(s) responsible for the MATERIAL SPECIFICATION / PROCUREMENT for the electrical installation, particulars of which are described in section 3 of this form, CERTIFY that the equipment that I/we have procured, is to the best of my/our knowledge and belief in accordance with the relevant legislation. The extent of liability of the signatory is limited to the installation described in section 3 of this form.

For the MATERIAL SPECIFICATION / PROCUREMENT:

Name (in block letters): Alexander Ghan Position: Project Manager  
For and on behalf of: EOH Address: 4 Muna street  
Signature: ..... Paarden Eiland  
Date: ..... Cape Town

**5.3 CONSTRUCTION.** I/We, being the person(s) responsible for the CONSTRUCTION of the electrical installation, particulars of which are described in section 3 of this form, CERTIFY that the work for which I/we have been responsible, is to the best of my/our knowledge and belief in accordance with the relevant legislation. The extent of liability of the signatory is limited to the installation described in section 3 of this form.

For the CONSTRUCTION of the installation:

Name (in block letters): Marthinus Louw Date of registration: 20/10/2017  
Electrical Contractor's Registration Number: WCO1964 Expiry date of registration: 19/10/2020  
or  
Employer name: TOGA ENG Employee No.: N/A  
For and on behalf of contractor: EOH  
Signature: [Signature] Date: 21/11/2018

**5.4 INSPECTION AND TESTS.** I, being the person responsible for the INSPECTION AND TESTING of the electrical installation, particulars of which are described in section 3 of this form, CERTIFY that the inspection and testing were done in accordance with this part of SANS 10142, that the results obtained and reflected on this report are correct and indicate

(for installation work performed since the publication of this part of SANS 10142), compliance with this standard or  
 (for an installation that existed before the publication of this part of SANS 10142), that the installation complies with the general safety principles of this standard and is reasonably safe.

The extent of my liability is limited to the installation described in section 3 of this form.

Name of registered person: JARRAD ALLSCOP Registration Certificate No.: JETSAL  
(in block letters)  
Type of registration:  Master installation electrician  Installation electrician  Single-phase tester  
Signature: ..... Date: 21/11/2018  
Tel. No.: 0215520671

**5.5 COMPLIANCE OF INSTALLATION FROM COMMENCEMENT TO COMMISSIONING.** (This part is only required in case of a new point of supply which is intended to supply five or more users). I, ..... being the person responsible to ensure that the electrical installation, particulars of which are described in section 3 of this form and which is one of five or more installations on the same supply, CERTIFY that the installation was done in accordance with SANS 10142-1.

An Approved inspection Authority for electrical installations Chief Inspectors's Registration No.: .....  
 A competent person as defined Indicate competency .....  
 A professionally registered person Category of professional registration: ..... Registration No.: .....  
Name (in block letters): ..... Address: .....  
Signature: .....  
Date: .....

Certificate of compliance in accordance with regulation 7(1) of the Electrical Installation Regulations, 2009. **CERTIFICATE NO.** ECA1436455 Certificate type (tick appropriate block) Initial Certificate  Supplementary Certificate

Supplement No.: N/A to Initial Certificate No.: N/A as issued on: N/A

**Identification of the relevant electrical installation**

(Address or other unique reference, where applicable)  
Physical address: Cape Town International Airport  
Name of building: Terminal Building GPS Coordinates: 33966473, 18299910  
Suburb / Township: Matielofontein Pole number: N/A  
District / Town / City: Cape Town Erf / Lot No.: N/A

**Declaration by registered person**

I, JARRAD ALLSCOP (ID No.: 870608039083) a registered person, declare that I have personally carried out the inspection and testing of the electrical installation described in the attached test report as per the requirements of:

(Tick appropriate box)

- a) electrical installation regulations 9(2) (a) (new electrical installation); or
- b) electrical installation regulations 9(2) (b) (existing electrical installation); or
- c) electrical installation regulations 9(2) (c) (new part to existing installation)

and deem the installation to be reasonably safe when properly used.

I have entered the number of this certificate on the attached test report(s).

I declare that the persons responsible for the design, specification, procurement, construction commissioning and inspection and test have completed the relevant sections of the test report.

Registered person registration number: IE1946 Date of registration: 08/04/2009  
Type of registration: (Tick appropriate box)  
Electrical tester for single phase  Installation electrician  Master installation electrician   
Signature: ..... Date: 21/11/2018

Contact details of registered person:  
Address: 36 Stella Rd, Montague Gardens, Cape Town  
Tel. No.: 0215520671 Fax No.: 0215520679  
Cell No.: N/A Email: N/A

**NOTE:** 1. This certificate is not valid unless all the sections have been completed correctly and the test report in the format approved by the chief inspector is attached.  
2. This certificate will be invalid if any corrections have been made.

**Declaration by electrical contractor**

I, Marthinus Louw (ID No.: 6702010012086) declare that the electrical installation has been carried out in accordance with the requirements of the Occupational Health and Safety Act, 1993, and regulations made thereunder.

Electrical contractor registration number: WCO1964 Date of registration: 20/10/2017  
Signature: [Signature]

Contact details of electrical contractor: Name: ToGA Engineering  
Address: PO Box 318 Durbanville, Cape Town  
Tel. No.: 0215520671 Fax No.: 0215520679  
Cell No.: N/A Email: N/A

Recipient name: ..... Signature: ..... Date: .....



**FOR USE BY ECA MEMBERS ONLY**

Certificate of Compliance (CoC) No. 1436199  
 Date of issue:

Additional pages added  Yes  No

**TEST REPORT**  
 for ELECTRICAL INSTALLATIONS  
 (To SANS 10142-1)

**NOTE 1** In terms of South African legislation, the user or lessor is responsible for the safety of the electrical installation.

- NOTE 2** This report covers only that part of the installation described in section 3.  
**NOTE 3** This report covers the circuits for fixed appliances, but does not cover the actual appliances, for example stoves, geysers, air conditioning and refrigeration plant and lights.  
**NOTE 4** Medical and hazardous locations require additional test reports (see 8.7).  
**NOTE 5** Enter the required information or tick the appropriate block.

**SECTION 1 - LOCATION** (Only required if not provided on Certificate of Compliance)

Physical address: N/A  
 Name of building: N/A

**SECTION 2 - INSTALLATION**

Existing Certificate  No  Yes Date issued: N/A Number: N/A

Existing installation  Alteration / Extension  New installation  Temporary installation  
 Type of installation:  Residential  Commercial  Industrial  Common area for multiple users (Sectional title)  
 Other Describe: N/A

**Type of electricity supply system:**

TN-S  TN-C-S  TN-C  TT  IT  
 Supply earth terminal provided:  Yes  No

**Characteristics of supply:**

Voltage:  230 V  400 V  525 V  Other: N/A V  
 Number of phases:  One  Two  Three Phase rotation:  Clockwise  Anticlockwise  
 Frequency:  50 Hz  Other: \_\_\_\_\_ d.c.

Prospective short-circuit current at point of control (PSCC): 1,62 kA How determined?  Calculated  Measured  From supplier

**Main switch type:**

Switch disconnecter (on-load isolator)  Fuse switch  Circuit-breaker  Earth leakage circuit-breaker  
 Earth leakage switch disconnecter

Number of poles: 3 Current rating: 150 A Short-circuit/withstand rating: 10 kA

Rated earth leakage tripping current /Δn:  30 mA  Other: N/A N/A mA

Surge protection (see 6.7.6 and annex i):  Yes  No

Is alternative power supply installed (see 7.12.1)?  Yes  No

Is any part of the installation a specialized electrical installation?  Yes  No  
 If yes, complete additional test reports (see 8.7).

Is any part of the installation at a voltage above 1 kV?:  Yes  No  
 If yes, competent person to approve design and complete additional test reports (see 8.5.3 and SANS 10142-2).

Is this installation one of five or more on the same new supply?:  Yes  No

N/A  
 If yes, name of the competent person who supervised the installation (see 8.1.3). (Insert above)

**SECTION 3 - DESCRIPTION OF INSTALLATION COVERED BY THIS REPORT**  
 (Add additional pages, specification references or drawings (layout of installation on premises), etc., where applicable)

SDB1 only as per DWA C2891E/LA1/0201

**NUMBER OF CIRCUITS OR POINTS COVERED BY THIS REPORT**

Circuits	Existing installation		New/alterd/temporary installation	
	Main distribution board	Sub-distribution boards	Main distribution board	Sub-distribution boards
Lighting circuits			2	
Lighting points			16	
Socket-outlet circuits			3	
Socket-outlets			5	
Three-phase socket-outlet circuits			1	
Three-phase socket-outlets			1	
Socket-outlets for critical application circuits			1	
Socket-outlets for critical applications			2	
Mixed circuits (number of)			1	
Motor circuits			1	
Control circuits			1	
Air-conditioning circuits			1	
Motor controlled assembly circuits			1	
Transformer circuits:			1	
		Lighting		
		Bell		
		Other		
Heating circuits			1	
Fan circuits			1	
Elevator / escalator circuits			1	
Signage circuits			1	
Fixed appliance circuits:			1	
		Cooking		
		Geysers		
		Pool pump		
		Borehole pump		
		Other		
Earth leakage:			1	
		Main Switch		
		Only socket-outlets		
Overhead busbars			1	
Alternative power supply connections			1	
Other circuits			1	

**SECTION 4 - INSPECTION AND TESTS** (new and existing installations) Additional tests added  Yes  No  N/A

Inspection	Existing Installation	New / altered / temporary installation
<i>NOTE Answer "Yes" or "N/A". The report shall not be issued if any "No" answers appear.</i>		
1. Accessible components are correctly selected.		YES
2. All protective devices are of correct rating.		YES
3. All protective devices are capable of withstanding the prospective fault level.		YES
4. Conductors are of the correct rating and current-carrying capacity for the protective devices and connected load.		YES
5. Components have been correctly installed.		YES
6. Disconnecting devices are correctly located and all switchgear switches the phase conductors.		YES
7. Different circuits are separated electrically.		YES
8. Connection of conductors and earthing and bonding are mechanically sound.		YES
9. Connection of conductors and earthing and bonding are electrically continuous.		YES
10. Circuits, fuses, switches, terminals, earth leakage units, circuit-breakers, distribution boards are correctly and permanently marked or labelled.		YES
11. Where an electrical circuit passes through a fire barrier, the integrity of the fire barrier has been maintained.		YES
12. Safety and emergency lighting and signs are functioning correctly.		YES
13. (a) in the case of new installations or additions or alterations to existing installations, the new, added or altered installation complies with this part of SANS 10142, or (b) in the case of installations that existed before the publication of this edition of SANS 10142, the installation complies with the general safety requirements in this edition of this part of SANS 10142 and is reasonably safe.		N/A
<i>Note 1 Indicate (a) or (b) or (a) and (b) on the test report. Note 2 Indicate N/A in the case of (a) or (b), where applicable</i>		
14. Where an alternative supply is installed, it complies with the requirements in respect of connections, change-over switch and indicator.		YES
15. The position of the readily accessible earthing terminal for earth connections of other services by installers of such services (see 6.11.5) indicated on the distribution board (see 6.6.1.21 (e))?		YES

Tests	Units	Instrument	Readings / Results			
			Existing installation		New / altered / temporary installation	
1. Continuity of bonding	Ω	MT390				0.11
2. Resistance of earth continuity conductor	Ω	MT390				0.17
3. Continuity of ring circuits (if applicable)	—	N/A				N/A
4. Earth loop impedance test: at main switch	Ω	MT390				0.1A
5. Prospective short-circuit current at point of control (PSCC) for sub-distribution boards. Indicate: <input type="checkbox"/> Calculated <input type="checkbox"/> Measured <input type="checkbox"/> From supplier	kA	MT390				1642A
6. Elevated voltage between incoming neutral and external earth (ground)	V	MT390				1
7. Earth resistance at electrode (if required)	Ω	N/A				N/A
8. Insulation resistance	MΩ	MT390				∞
9. Voltage at main distribution board with no load for each phase to neutral	V	MT390	R	Y	B	R 241 Y 242 B 244
10. Voltage at main distribution board with load (as calculated for full load) for each phase to neutral	V	MT390	R	Y	B	R 240 Y 241 B 243
11. Voltage at available load (worst condition as calculated for full load) for each phase to neutral	V	MT390	R	Y	B	R 240 Y 241 B 243
12. Operation of all earth leakage units	mA	MT390				30
13. Operation of all earth leakage test button	—	N/A	correct			correct
14. Polarity of points of consumption	—	MT390	correct			correct
15. Phase rotation at points of consumption for three-phase systems	—	MT390	correct			correct
16. All switching devices, make-and-break circuits	—	N/A	correct			correct