Annexure 1

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

Certificate of compliance in accordance with regulation 7(1) of the Electrical Installation Regulations, 2009.	CERTIFICATE NO. ECB 2049581	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: 46 WATSONIA STREET

Name of building: N/A GPS Co-ordinates: N/A

Suburb / Township: Blue Downs Pole number: N/A

District / Town / City: Cape Town Erf / Lot No: 3234

Declaration by registered person

I, AC van Wyk (ID No.: 800219 5139 082)

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:

a) electrical installation regulations 9(2) (a); (new electrical installation); or ☐

b) electrical installation regulations 9(2) (b); (existing electrical installation); or ☐ **(Tick appropriate box)**

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: 03790 Date of registration: 18/02/2014

Type of registration: **(Tick appropriate box)**

Tester for Single Phase ☐ Installation Electrician ☑ Master Installation Electrician ☐

Signature: Date: 05.12.2022

Contact details of registered person:

Address: 7 Broodboom Street, Kuils River

Tel. No.: 082 969 8842 Fax No.: N/A

Cell No.: 082 969 8842 Email.: info.acelectrical@gmail.com

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, A.C. van Wyk (ID No.: 800219 5139 082)

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: WC01766 Date of registration: 24.01.2022

Signature: Date: 05.12.2022

Contact details of electrical contractor: Name: A.C. van Wyk

Address: 7 Broodboom Street, Kuils River

Tel. No.: 082 969 8842 Fax No.: N/A

Cell No.: 082 969 8842 Email: info.acelectrical@gmail.com

AC ELECTRICAL
082 969 8842
info.acelectrical@gmail.com
7 Broodboom Street
Kuils River

Recipient Name: Signature: Date:

Register your CoC & Test Report at https://ecb.org.za/coc

Electrical Conformance Board

TEST REPORT *(see 8.6 for guidelines)*

FOR ALL GENERAL ELECTRICAL INSTALLATIONS TO SANS10142-1

Register your CoC & Test Report at https://ecb.org.za/coc

Certificate Of Compliance (CoC) No. ECB 2049581	DB/Supply No: N/A	Date of Issue: 5.12.2022

IMPORTANT NOTE: SOUTH AFRICAN LEGISLATION STATES THE USER OR LESSOR IS RESPONSIBLE FOR THE SAFETY, SAFE USE AND MAINTENANCE OF AN ELECTRICAL INSTALLATION.

NOTE 1 - This report covers only the part of the installation described in Section 3.
NOTE 2 - This report covers the circuits for fixed appliances but not the actual appliances.
NOTE 3 – Medical and hazardous user locations require additional test reports (see 8.7).
NOTE 4 - Enter the required information or tick the appropriate block.
NOTE 5 - It is suggested that the CoC Number be attached to the distribution board (DB).
NOTE 6 - Regulations are not made retrospective.
NOTE 7 - In most circumstances this test report should be accompanied by annex pages for circuits, earth continuity and ideally wiring diagrams and photographs. Please query if not the case.

SECTION 1 – LOCATION *Only required if not provided on Certificate of Compliance*

Physical address: 46 WATSONIA STREET

Name of building and or location of installation: N/A

SECTION 2 – ABOUT THE INSTALLATION

Type of electrical installation system: ☐ Permanent Installation ☐ Temporary Installation ☑ Common area for multiple users (sectional title)
☐ TN-S ☐ TN-C-S ☐ TN-C ☐ TT ☐ IT ☑ Supplier's earth is functional

Characteristics of supply

Voltage	☐ 230	☐ 400	☐ 525	☑ Other:	12.00	Volts	
Frequency	☑ 50Hz	☐ Other	66	Hz	☐☐ D.C.		
Number of phases	☑ One	☐ Two	☐ Three	Phase rotation	☑ Clockwise	☐ Anti clockwise	☑ NA

Main switch type: ☑ Switch Disconnector (on-load isolator) ☐ Fused Switch ☐ Circuit Breaker ☐ Earth Leakage Circuit Breaker ☑ Earth Leakage Switch Disconnector

Number of poles: 12.00 Current rating: 60 Amps Short circuit/withstand rating: 3 kAmps

Rated earth leakage tripping current $I_{\Delta n}$: ☐ 30 mA ☐ Other mA

Is surge protection installed? *(see 6.7.6 and annex I)*: ☐ Yes ☐ No

Is lightning protection installed? *(see 6.7.6 and annex I)*: ☐ Yes ☐ No *If applicable, complete Table I.10 Lightning protection system installation safety report.*

Is an alternative power supply installed? *(see 7.12)*: ☐ Yes ☐ No If Yes ☐ Generator kVA &/or ☑ UPS kVA

Is any part of installation a specialised electrical installation?: ☐ Yes ☐ No *If yes, complete additional specialised test report (see 8.7 of SANS 10142-1 – Wiring of Premises)*

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

SECTION 3 – DESCRIPTION OF INSTALLATION COVERED BY THIS REPORT *Include annex pages for additional notes, specification references, wiring drawings, etc, to represent all applicable information of work done.*

1 x EXISTING DWELLING ONLY

NUMBER OF CIRCUITS OR POINTS		New	Existing
Lighting circuits			1
Lighting points			9
Socket outlet circuits			3
Socket outlets			5
Transformer circuits	Lighting		
	Bell		
	Other		
Air-conditioning circuits			
Heating circuits			
Fan circuits			
Alternative power supply connections			

NUMBER OF APPLIANCES, EARTH LEAKAGE & OTHER		New	Existing
Fixed appliance circuits	Cooking	0	1
	Geyser	0	1
	Pool pump	0	
	Borehole pump		
	Other		
Other circuits or points			
Other circuits or points			
No. of socket outlets protected by earth leakage			
The Earth Leakage Protects:	The complete installation *(Yes/No)*	No	Yes
	Only partial installation *(Yes/No)*	No	Yes

Is there photographic evidence? *(at least of the DB)* ☑ Before work started ☑ After work completed

IMPORTANT NOTE: *Items not listed must not be ignored and must be an annex page to this test report. Contact the ECB for annex page templates.*

SECTION 4 - INSPECTION AND TESTING OF NEW AND EXISTING INSTALLATIONS *Annex pages are likely needed to accompany the test information below*

1. Conductors are of the correct rating and current-carrying capacity for the protective devices and connected load	☑ Yes	☐ No	☐ N/A
2. Components have been correctly selected and installed	☐ Yes	☑ No	☐ N/A
3. Disconnecting devices are correctly located and all switchgear correctly switches the phase conductors	☑ Yes	☐ No	☐ N/A
4. Circuits, fuses, switches, terminals, earth leakage units, circuit breakers, distribution boards are correctly and permanently marked or labelled	☐ Yes	☐ No	☑ N/A

TESTS		UNITS	READING	INSTRUMENT	IS COMPLIANT?
1. Continuity of bonding		Ω	0,2	K6011	☑ Compliant ☐ N/A
2. Resistance of earth continuity conductor at ALL points of consumption: *(use annex pages to list all)*		Ω	0,2	K6011	☑ Compliant ☐ N/A
3. Continuity of ring circuits: *(use annex page if applicable)*		-	N/A		☐ N/A
4. Earth loop impedance test at ☑ main or ☐ local switch: *(use annex page if applicable)*		Ω	0.01	K6011	☐ N/A
5. Neutral loop impedance test at ☑ main or ☐ local switch: *(use annex page if applicable)*		Ω	0.77	K6011	☐ N/A
6. Prospective short circuit current at ☑ main or ☐ local switch (PSCC) *(use annex page if applicable)*		kA	12	K6011	☐ Calculated or ☑ Measured
7. Elevated voltage between incoming neutral and external earth: *(ground) (apply load, measure and record)*		V	infinity	TBM3030	
8. Insulation resistance:		MΩ	239	K6011	
9. Voltage at distribution board with no load for each phase to neutral:	V	R		TBM3030	
		Y			
		B	230		
10. Voltage at distribution board with load (as calculated for full load) for each phase to neutral	V	R		TBM3030	
		Y			
		B			
11. Record value of operation of earth leakage units: *(record tripping current)*		mA	25	TELITLB	

12. Operation of earth leakage test button: *(test button)*	☑ Correct		
13. Polarity of points of consumption: *(check every socket for correct polarity)*	☐ Correct	☑ N/A	
14. Phase rotation is consistent at points all of consumption for three-phase systems:	☑ Correct	☐ N/A	
15. All switching devices, make-and-break circuits: *(function test)*	☑ Correct		

Comments on parts of the installation not covered by this report: n/a

Other comments pertaining to this project/test report: N/A

SECTION 5 – RESPONSIBILITY, INSPECTION AND TESTS *When relevant, include other responsible parties & signatures in an annex pages or take full responsibility.*

0 # of annex pages

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 CoC and all attached pages are correct and indicate the extent of the liability of the signatory is limited to the installation described in Section 3 of this form.

AC ELECTRICAL
082 969 8842
info.acelectrical@gmail.com
7 Boodhoom Street
Kuils River

Full name of registered person: AC van Wyk ID number 800219 5139 082

Signature: Date 05.12.2022 Tel No. 082 969 8842 Email info.acelectrical@gmail.com

Registration Certificate No. 03790 Date of registration 18.02.2014 ☐ Electrical Tester for Single Phase (ETSP) ☑ Installation Electrician (IE) ☐ Master Installation Electrician (MIE)