

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



GENERAL ELECTRICAL INSTALLATION
CERTIFICATE OF COMPLIANCE

CERTIFICATE NO.

NM 188535

Certificate type (tick appropriate block)

Initial Certificate Supplementary Certificate

Certificate of compliance in accordance with regulation 7(1) of the Electrical Installation Regulations, 2009.

Supplement No.: to Initial Certificate No.: as issued on:

Identification of the relevant electrical installation

(Address or other unique reference, where applicable)

Physical address: 1 DURBAN INTERNATIONAL AIRPORT,

Name of building: / GPS Coordinates: /

Suburb / Township PROSPECTON Pole number: /

District / Town / City DURBAN / KZN Erf / Lot No: /

Declaration by registered person

I, THABANI BENEDICTION NDABA (ID No.: 7302245354082)

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: IE 28019 Date of registration: 30/09/2019

Type of registration: (Tick appropriate box)

Electrical tester for single phase

Installation electrician

Master installation electrician

Signature: B. Ndaba

Date: 24 / JUNE / 2021

Contact details of registered person:

Address: 38 JAMES HERBERT ROAD, 99 KNIGHTSBRIDGE, PINETOWN

Tel. No.: /

Fax No.: /

Cell No.: 072 973 6103 / 081 464 7372

Email: thabani_ndaba@yahoo.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, THABANI BENEDICTION NDABA (ID No.: 7302245354082)

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: KIN 0014 Date of registration: 9/03/2007

Signature: B. Ndaba

Contact details of electrical contractor: Name:

NDABATHABANI ELECTRICAL (PTY) LTD

Address: 99 KNIGHTSBRIDGE

38 JAMES HERBERT ROAD

PINETOWN, 3810

Fax No.: /

Tel. No.: /

CELL: 081 464 7372

EMAIL: thabani_ndaba@yahoo.com

Recipient name: Signature: Date:

010 271 0686 043 726 6359
 012 342 3242 041 363 1990
 031 312 6313 021 462 2690
 051 447 0859 011 392 0000

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

Certificate of
Compliance (CoC) No.: 188535

Date of issue: 24/06/2021

Test Report for DB/ Supply:

Additional pages added: Yes Number added: x 1

No

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 the 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: DURBAN INTERNATIONAL AIRPORT, PROSPECTON, DURBAN
Name of building: N/A

SECTION 2 - INSTALLATION

Permanent installation Temporary installation

Type of electricity supply system: TN-S TN-C-S TN-C TT IT

Characteristics of supply:

Voltage: 230 V 400 V 525 V Other _____

Number of phases: One Two Three

Phase rotation: Clockwise Anticlockwise

Frequency: 50 Hz Other _____ d.c.

Main switch type:

Switch disconnector (on-load isolator)

Earth leakage circuit-breaker

Number of poles: 3 Current rating: 63 A

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 6.7.7 and annex I): Yes No

Is alternative power supply installed? (See 7.12.) Yes No

Is any part of the installation a specialized electrical installation?

Is any part of the installation at a voltage above 1 kV?

Fuse switch Circuit-breaker

Earth leakage switch disconnector

A Short-circuit/withstand rating: 6 kA

30 mA Other _____ mA

Yes No

Yes No

Yes No

Yes No

If yes, complete additional test reports (see 8.7)

Yes No

If yes, competent person to approve design and complete additional test reports (see 8.5.2 and SANS 10142-2)

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

Number of circuits or points	New	Existing	Number of circuits or points	New	Existing
Lighting circuits	3		Fan circuits	/	
Lighting points	59		Cooking	/	
Socket-outlet circuits	16		Geyser	/	
Socket-outlets	26		Pool pump	/	
Air-conditioning circuits	2		Borehole pump	/	
Transformer circuits:	Lighting / Bell / Other /		Other	/	
Heating circuits	/		Earth leakage protects:	Complete installation / Only part of installation /	
Alternative power supply connections	/		Other circuits or points	/	
Other circuits or points	Sub 28	1	Other circuits or points	/	
Other circuits or points			Other circuits or points	/	

SECTION 4 - INSPECTION AND TESTS (new and existing installations)

Mark as appropriate

- Conductors are of the correct rating and current-carrying capacity for the protective devices and connected load
- Components have been correctly selected and installed
- Disconnecting devices are correctly located and all switchgear switches the phase conductors
- Circuits, fuses, switches, terminals, earth leakage units, circuit-breakers, distribution boards are correctly and permanently marked or labelled

Yes	No	N/A
<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>

Tests

Tests	Units	Reading/result
1. Continuity of bonding	-	Compliant 0.12 <input checked="" type="checkbox"/>
2. Resistance of earth continuity conductor at all points of consumption	-	Compliant 0.2 <input checked="" type="checkbox"/>
3. Continuity of ring circuits (if applicable)	-	N/A
4. Earth loop impedance test: at main or local switch	Ω	0.71
5. Neutral loop impedance test: at main or local switch	Ω	N/A
6. Prospective short-circuit current at main or local switch (PSCC)	kA	----- kA <input type="checkbox"/> Calculated <input checked="" type="checkbox"/> Measured
7. Elevated voltage between incoming neutral and external earth (ground)	V	0.62
8. Insulation resistance	M Ω	0.1M Ω
9. Voltage at distribution board with no load for each phase to neutral	V	R 230V Y B
10. Voltage at distribution board with load (as calculated for full load) for each phase to neutral	V	R 210V Y B
11. Value of operation of earth leakage units	mA	20mA
12. Operation of earth leakage test button	-	correct <input checked="" type="checkbox"/>
13. Polarity of points of consumption	-	correct <input checked="" type="checkbox"/>
14. Phase rotation is consistent at points all of consumption for three-phase systems	-	correct <input checked="" type="checkbox"/>
15. All switching devices, make-and-break circuits	-	correct <input checked="" type="checkbox"/>

Comments:

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

SECTION 5 RESPONSIBILITY - 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 The extent of liability of the signatory is limited to the installation described in section 3 of this form.

Name of registered person: THABANI BENEDICTION NDABA

Registration Certificate No.:

IE 28019

Type of registration: Master installation electrician

Installation electrician Single-phase tester

Signature:

Date: 24 JUNE 2021

Tel no.: 081 464 7372 / 072 973 6103