

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. <div style="border: 1px solid black; padding: 2px; text-align: center;">B [REDACTED]</div>	Certificate type (tick appropriate block) <table style="width: 100%;"><tr><td style="text-align: center;">Initial Certificate <input type="checkbox"/></td><td style="text-align: center;">Supplementary Certificate <input checked="" type="checkbox"/></td></tr></table>	Initial Certificate <input type="checkbox"/>	Supplementary Certificate <input checked="" type="checkbox"/>
Initial Certificate <input type="checkbox"/>	Supplementary Certificate <input checked="" type="checkbox"/>			

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

Identification of the relevant installation
(Address or other unique reference, where applicable)

Physical address: [REDACTED]

Name of building: [REDACTED]

Suburb / Township: Alberton Pole number: N/A

District / Town / City: Ekurhuleni Erf / Lot No.: [REDACTED]

Declaration by registered person

I, [REDACTED] (ID No.: [REDACTED])
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.

Register: [REDACTED]

Type of: [REDACTED]

Tester for: [REDACTED] Installation Electrician ☐

Signature: [REDACTED]

Contact: [REDACTED]

Address: [REDACTED]

Tel. No.: [REDACTED]

Cell No.: [REDACTED]

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, [REDACTED] 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: [REDACTED] Date of registration: N/A

Signature: [REDACTED]

Contact details: [REDACTED]

Address: [REDACTED]

Tel. No.: [REDACTED]

Cell No.: [REDACTED]

Recipient Name: [REDACTED]



THE ELECTRICAL CONTRACTING BOARD OF SOUTH AFRICA

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For enquiries please phone the above number

TEST REPORT for ELECTRICAL INSTALLATIONS to SANS 10142-1

JOB No. *N/A*

Date of issue: *6-05-2011*

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 8.8.2 and 8.8.3).

NOTE 5 Enter the required information or tick the appropriate block.

SECTION 1 - LOCATION

Physical address: *[Redacted]*

Name of building: *House*

Pole number (if applicable): *N/A* Other names of numbers: *N/A*

Erf / Lot No: *[Redacted]* Suburb / Township: *Brackenbury*

District / Town / City: *Alberton* Province: *Gauteng*

SECTION 2 - INSTALLATION

Existing Certificate ☐ No ☒ Yes Date issued: *23-01-2006* Number: *[Redacted]*

☒ Existing installation ☐ Alteration / Extension ☐ New installation ☐ Temporary installation

Type of installation: ☒ Domestic ☐ Commercial ☐ Industrial ☐ Sectional title

☐ Other: */*

Estimated year of original installation: Date *± 1930*

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: */*

Number of phases: ☒ One ☐ Two ☐ Three Phases rotation: ☒ Clockwise ☐ Anticlockwise

Frequency: ☒ 50 Hz ☐ Other: */* ☐ d.c.

Prospective short-circuit current at point of control: *16* kA How determined? ☒ Calculated ☐ Measured ☐ From supplier

Main switch type:

☐ Switch disconnector (on-load isolator) ☐ Fuse switch ☒ Circuit-breaker ☐ Earth leakage circuit-breaker

☐ Earth leakage switch disconnector

Number of poles: *1* current rating: *60* A Short-circuit/withstand rating: *5* kA

Rated earth leakage tripping current / Δn : ☒ 30 mA ☐ Other: */* mA

Surge protection required (see 6.7.6 and annex L): ☐ Yes ☒ No Reason: */*

Is alternative power supply installed (see 7.12.): ☐ Yes ☒ No

Is any part of the installation a specialized electrical installation: ☐ Yes ☒ No
If yes, complete additional test reports (see 8.8.2 or 8.8.3).

SECTION 3 - DESCRIPTION OF INSTALLATION COVERED BY THIS REPORT

As this is a test report it is advisable to be as specific as possible in the description of the installation.
Use page 4 to add diagrams etc if necessary

(Add additional pages or specification references or drawings, where applicable)

- 1) *Changed faulty colour coding to main D/B and where needed were bar connected*
- 2) *Isolated illegal cabling in main distribution box*
- 3) *Earth leakage cable not connected to main earth*
- 4) *Supplied & fitting rekeying all position required*
- 5) *Checked box connections to terminals in main D/B*

NUMBER OF CIRCUITS OR POINTS COVERED BY THIS REPORT

Circuits			Existing installation				New/altered/temporary installation			
			Main distribution board	Sub-distribution boards			Main distribution board	Sub-distribution boards		
Lighting circuits			1							
Lighting points			10							
Socket-outlet circuits			1							
Socket-outlets			5							
Three-phase socket-outlets			/							
Socket-outlets for critical applications			/							
Points on mixed circuits			/							
Motor circuits			/							
Control circuits			/							
Air-conditioning circuits			/							
Motor controlled assembly circuits			/							
Transformer circuits:	Lighting		/							
	Bell		/							
	Other		/							
Heating circuits	Floor		/							
	Space		/							
	Other		/							
Fan circuits	Fan Lights		/							
	Extract		/							
	Other		/							
Elevator / Escalator circuits										
Signage circuits										
Fixed appliance circuits:	Cooking	Hob	1							
		Oven	1							
		Other	/							
	Geyser		/							
	Borehole / Pool pump		/							
	Other		/							
Earth leakage:	Main Switch		1							
	Only socket-outlets		/							
Overhead busbars										
Alternative power supply connections	Generator		/							
	UPS		/							
	Solar		/							
	Other		/							
Other circuits			/							

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

Inspection	Existing Installation	New / altered / temporary installation
1. Accessible components are correctly selected.	✓	
2. All protection devices are of correct rating and capable of withstanding the prospective fault level.	✓	
3. Conductors are of the correct rating and current-carrying capacity for the protective devices and connected load.	✓	
4. Components have been correctly installed.	✓	
5. Disconnecting devices are correctly located and all switchgear switches the phase conductors.	✓	
6. Different circuits are separated electrically.	✓	
7. Connection of conductors and earthing and bonding are mechanically sound and electrically continuous.	✓	
8. Circuits, fuses, switches, terminals, earth leakage units, circuit-breakers, distribution boards are correctly and permanently marked or labelled.	✓	
9. In respect of the electrical installation, fire barriers have been erected, precautions taken against spread of fire and effects of heat.	N/A	
10. Safety and emergency lighting and signs are functioning correctly.	N/A	
11. The installation including all accessible components complies with SANS 10142-1 or <i>Built before 1992</i>	✓	
12. The installation complies with the general safety principles of SANS 10142-1 and is reasonably safe.	✓	
13. Position of the readily accessible earthing terminal for earth connection of other services by installers of such services (see 6.11.5).	N/A	
14. Alternative supply connections, change-over switch and indicator.	N/A	
15. Reticulation installations.	N/A	

Tests	Units	Instrument Required	Readings / Results			
			Existing installation		New / altered / temporary installation	
1. Continuity of bonding	Ω	<i>Multimeter</i>	1.5Ω			
2. Resistance of earth continuity conductor	Ω	<i>Insulation Tester</i>	1.5Ω			
3. Continuity of ring circuits (if applicable)	—	<i>Multimeter</i>	N/A			
4. Earth loop impedance test: at main switch	Ω	<i>Loop Tester</i>	1.25Ω			
5. Elevated voltage on neutral	V	<i>Multimeter</i>	5V			
6. Earth resistance (if required)	Ω	<i>Insulation Tester</i>	N/A			
7. Insulation resistance	MΩ	<i>Insulation Tester</i>	1MΩ			
8. Voltage (main DB) no load	V	<i>Multimeter</i>	224			
9. Voltage (main DB) on load	V	<i>Multimeter</i>	220			
10. Voltage at available load (worst condition)	V	<i>Multimeter</i>	N/A	<i>Not Tested</i>		
11. Operation of earth leakage units	mA	<i>Earth Leakage Tester</i>	30 mA			
12. Operation of earth leakage test button	—	<i>EL test button</i>	correct	✓	correct	
13. Polarity of points of consumption	—	<i>Polarity Tester</i>	correct	✓	correct	
14. All switching devices, make-and-break circuits	—	<i>Function test</i>	correct	✓	correct	

Comments:

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

No coverage to outbuildings, Isolators, geyser, Stoves, water pump or any electrical equipment. Under floor heating & hot water not covered

Signed:-

6-5-2011

SECTION 5 - RESPONSIBILITY

NOTE — For existing installations, complete only 5.4. For new/alterd/temporary installations, if no signature appears in 5.1 to 5.3 the signatory of 5.4 takes responsibility.

5.1 DESIGN. I/We, being the person(s) 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/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 DESIGN of the installation:

Name (in block letters): Position:

Professional Registration No.: Address:

For and on behalf of:

Signature: Tel/Cell No.:

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): Position:

Professional Registration No.: Address:

For and on behalf of:

Signature: Tel/Cell No.:

Date:

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): Position:

For and on behalf of contractor: Address:

Contractors registration No. with the Chief Inspector/ECB:

Date of current registration with ECB: Tel/Cell No.:

Signature: Date:

5.4 INSPECTION AND TESTS. I/We, being the person(s) 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 SANS 10142-1, that the results given are correct and indicate

☐ (for installation work performed since the publication of this part of SANS 10142), or

☒ (for an installation existing before 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 the installation described in section 3 of this form is:

Name of responsible person (in block letters):

Type of registration:

Address:

Registration No.:

Contractor's registration No.:

Signature:

5.5 Name of the person(s) responsible for the inspection and testing:

Signature: