

IMPORTANT NEWS LETTER

13 December 2018

Property Owners & Certificates of Compliance

Electrical COC's:

<p style="text-align: center;">Annexure 1 DEPARTMENT OF LABOUR OCCUPATIONAL HEALTH AND SAFETY ACT, 1993 CERTIFICATE OF COMPLIANCE</p> <p style="text-align: center;"></p> <table border="1" style="width: 100%; border-collapse: collapse;"> <tr> <td style="width: 30%;">Certificate of compliance in accordance with regulation 7(1) of the Electrical Installation Regulations, 2009.</td> <td style="width: 20%;">CERTIFICATE NO. B 9000001</td> <td style="width: 50%;">Certificate type (tick appropriate block) Initial Certificate <input type="checkbox"/> Supplementary Certificate <input type="checkbox"/></td> </tr> </table> <p>Supplement No.: to Initial Certificate No.: as issued on:</p> <p>Identification of the relevant regulation (Address or other unique reference, where applicable)</p> <p>Physical address:</p> <p>Name of building: GPS Co-ordinates:</p> <p>Suburb / Township: Pole number:</p> <p>District / Town / City: EH / Lot No:</p> <p>Declaration by registered person I, (ID No.:) 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 <input type="checkbox"/> b) electrical installation regulations 9(2) (b); (existing electrical installation); or <input type="checkbox"/> c) electrical installation regulations 9(2) (c); (new part to existing installation) and deem the installation to be reasonably safe when properly used. <input type="checkbox"/></p> <p>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.</p> <p>Registered person registration number: Date of registration:</p> <p>Type of registration: (Tick appropriate box) Tester for Single Phase <input type="checkbox"/> Installation Electrician <input type="checkbox"/> Master Installation Electrician <input type="checkbox"/></p> <p>Signature: Date:</p> <p>Contact details of registered person: Name: Address: Tel. No.: Fax No.: Cell No.: Email:</p> <p><small>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 connections have been made.</small></p> <p>Declaration by electrical contractor I, (ID No.:) declares 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.</p> <p>Electrical contractor registration number: Date of registration:</p> <p>Signature: Date:</p> <p>Contact details of electrical contractor: Name: Address: Tel. No.: Fax No.: Cell No.: Email:</p> <p>Recipient Name: Signature: Date:</p> <p style="font-size: small;">ECB FAX No. 086 541 9096 1</p>	Certificate of compliance in accordance with regulation 7(1) of the Electrical Installation Regulations, 2009.	CERTIFICATE NO. B 9000001	Certificate type (tick appropriate block) Initial Certificate <input type="checkbox"/> Supplementary Certificate <input type="checkbox"/>	<p style="text-align: center;"> THE ELECTRICAL CONTRACTING BOARD OF SOUTH AFRICA 590 KOBUS STREET, SILVERTON, PRITORIA, 0184 • P.O. BOX 915479 SILVERTON 0127 TEL: (012) 751 2290 • FAX 086 541 9096 • EMAIL: info@ecbsa.co.za For enquiries please phone the above number</p> <p style="text-align: center;">TEST REPORT for all ELECTRICAL INSTALLATIONS To SANS 10142-1 Amdt 8</p> <table border="1" style="width: 100%; border-collapse: collapse;"> <tr> <td style="width: 50%;">Initial Certificate of Compliance (CoC) No.</td> <td style="width: 50%;">Clients Job No.:</td> </tr> <tr> <td colspan="2">Date of issue:</td> </tr> </table> <p>Supplement No.: Clients Job No.:</p> <p><small>ECB NOTES:- 1. ELECTRONIC CoC / TEST REPORT AVAILABLE ON www.ecbsa.co.za. 2. Electronic CoC number will print automatically on each page of the test report. 3. Contractor to attach the initial CoC number to distribution board. All subsequent CoC's will be supplementary.</small></p> <p><small>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 8.8.2 and 8.8.3) NOTE 5 Enter the required information or tick the appropriate block.</small></p> <p>SECTION 1 - LOCATION Physical address: Name of building: In the case of multiple units e.g. shopping malls, cluster housing, enter relevant unit number:</p> <p>SECTION 2 - INSTALLATION Existing installation <input type="checkbox"/> Alteration / Extension <input type="checkbox"/> New installation <input type="checkbox"/> Temporary installation <input type="checkbox"/> Type of installation: Residential <input type="checkbox"/> Commercial <input type="checkbox"/> Industrial <input type="checkbox"/> Common areas for multiple users: <input type="checkbox"/> Other: <input type="checkbox"/> Describe:</p> <p>Initial certificate number: Date issued: Not available <input type="checkbox"/></p> <p><small>Additional information if required:</small></p> <p>Type of electricity supply system: TN-S <input type="checkbox"/> TN-C-S <input type="checkbox"/> TN-C <input type="checkbox"/> TT <input type="checkbox"/> IT <input type="checkbox"/> Supply earth terminal provided: Yes <input type="checkbox"/> No <input type="checkbox"/></p> <p>Characteristics of supply: Voltage: 230 V <input type="checkbox"/> 400 V <input type="checkbox"/> 525 V <input type="checkbox"/> Other, record voltage:</p> <p>Number of phases: One <input type="checkbox"/> Two <input type="checkbox"/> Three <input type="checkbox"/> Phases rotation: Clockwise <input type="checkbox"/> Anticlockwise <input type="checkbox"/> NA <input type="checkbox"/> Frequency: 50 Hz <input type="checkbox"/> Other <input type="checkbox"/> d.c. <input type="checkbox"/></p> <p>Prospective short-circuit current (PSCC) kA <input type="checkbox"/> and at Sub Board where applicable: kA <input type="checkbox"/> How determined? Calculated <input type="checkbox"/> Note, above 100A to be calculated; Measured <input type="checkbox"/> From supplier <input type="checkbox"/></p> <p>Main supply leader: Cable <input type="checkbox"/> Number of cores <input type="checkbox"/> Bus bars <input type="checkbox"/> Cross sectional area sq mm <input type="checkbox"/> Length Met <input type="checkbox"/></p> <p>Main switch type: (For sub distribution board details refer to section 3) Switch disconnector (on-load isolator) <input type="checkbox"/> Fuse switch <input type="checkbox"/> Circuit-breaker <input type="checkbox"/> Earth leakage circuit-breaker <input type="checkbox"/> Earth leakage switch disconnector <input type="checkbox"/></p> <p>Number of poles: <input type="checkbox"/> current rating: <input type="checkbox"/> A Short-circuit/withstand rating: <input type="checkbox"/> kA Rated earth leakage tripping current (I_{Δn}): 30 mA <input type="checkbox"/> Other: <input type="checkbox"/> mA</p> <p>Surge protection required (see 6.7.5 and annex L): Yes <input type="checkbox"/> No <input type="checkbox"/> Reason: <input type="checkbox"/></p> <p>Is alternative power supply installed (see 7.12.): Yes <input type="checkbox"/> No <input type="checkbox"/></p> <p>Is any part of the installation a specialized electrical installation: If yes, complete additional test reports (see 8.8.2 or 8.8.3). Yes <input type="checkbox"/> No <input type="checkbox"/></p> <p>Is any part above 1kV. If yes, competent person to approve design and complete additional test reports (see 8.8.3 and SANS 10142-2) Yes <input type="checkbox"/> No <input type="checkbox"/></p> <p>Is this installation of 5 units or more on the same new supply? If yes, name of competent person who supervised the installation must be provided (see 8.2.3) Refer to section 5.5. Yes <input type="checkbox"/> No <input type="checkbox"/></p> <p style="font-size: small;">ECB FAX No. 086 541 9096 2</p>	Initial Certificate of Compliance (CoC) No.	Clients Job No.:	Date of issue:	
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What is an Electrical COC?

A Certificate of Compliance (COC) is a document that verifies that the electrical installations such as the plugs, lights, DB board, geyser and wiring in a home comply with the legislated requirements as detailed in the Occupational Health and Safety Act

Directors: AJ Landman, M Sochen

Where can an Electrical COC be obtained and what Costs are Involved?

New regulations demand ANY electrician issuing the ECOC must register with the relevant authorities annually, not once-off as was previously the case. Costs can vary depending on the scope of the specific property for which an ECOC needs to be issued but starts from as little as R 1 000.00

What is the validity period of the Electrical COC?

For a long time, the electrical certificate was valid for as long as the electrical installation was not amended or worked on in any way.

Two shortcomings in this practice:

- 1: Wear and Tear, everything eventually breaks or wears out, including electrical equipment. There is simply no way an Electrical Certificate can be valid forever.
- 2: The new owner was simply expected to take the sellers word for it that he had not amended or worked on the electrical installation in any way in all the years he had lived in the premises.

At present the electrical certificate can only be valid for an absolute maximum of two years, subject to no alterations or work being done during that period. Sometimes an affidavit needs to be signed to this effect.

More info can be found here:

<https://www.cch.co.za/news/what-do-you-need-to-know-about-home-electrical-certificates-of-compliance/>

Plumbing COC's:

What is a Plumbing COC?

Once again this is a Certificate of Compliance (COC) is a document that verifies that the plumbing and associated electrical and installations such as the piping, geyser, safety valve positioning and DB board connections & wiring in a home comply with the legislated requirements.

Where can a Plumbing COC be obtained and what Costs are Involved?

A newly Established Regulating Body known as Plumbing Industry Registration Board (PIRB) who's main objective is to standardise and professionalise the plumbing industry (detailed goals & objectives can be found on the link below) enforces plumbers to comply with PIRB standards by means of accreditations.

A Plumbing COC can be obtained at any PIRB-accredited plumber listed on their website. Each Plumber has a PIRB-Card reflecting the accreditation number which must also be noted on the Plumbing COC upon issuing.

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Costs again may vary, but from 2018 going forward, any maintenance/repairs or new installations must be issued with a Plumbing COC. Costs involved in order to comply, specifically for existing and/or older geysers, will be for the property owners account.

In addition to the Electrical COC, a separate Plumbing COC must be issued by any PIRB registered plumber in each of the following instances as from 2018 going forward:

- Newly installed geyser(s),
- Repairs & maintenance on Existing / Older geysers
- Upon the sale of a property.

This Plumbers COC is not however immediately required for existing / older geyser in operation as there is a transition period BUT it's advisable that property owners obtain the necessary when maintenance and/or repair work is done to an existing geyser.

Factors which are taken into account by a registered PIRB plumber when issuing a Plumbing COC includes (but not limited to):

- Correct Drip Trays and Positioning,
- Physical geyser mounting and positioning,
- Overflow Valve positioning,
- Adequate DB Board & Electrical Connections/wiring,
- Etc.

More info can be found here:

<http://www.pirb.co.za>



Regards
Versaflex Team

Directors: AJ Landman, M Sochen