



Electricity Installation and Supply Guidelines

This document must be complied with in addition to the Conditions of Supply as contained in the Zwartkop Golf Estate domestic application for services agreement.

1. Electricity Supply:

Zwartkop Golf Estate Home Owners Association (ZHOA) is responsible for the supply of electricity to all erven in the Estate.

a. Standard Connection:

Single residential erven are supplied with a single-phase 80 Amp or three-phase 60 Amp AC electrical connections. Any increase in supply will be at the entire discretion of the Home Owners Association and is for the cost of the applicant and does not include a joint or main circuit breaker. The HOA approves the 3 phase connection only after it has consulted its contractor on the availability of such a connection.

b. Builders Connection:

Owners pay the applicable connection fees as published from time to time.

The supply is subject to the following conditions and specifications:

- Maximum supply of 20 Amp single phase

Zwartkop HOA will install and connect the electrical meter after the applicant has completed the installation of the temporary weather proof meter box and cable, according to specifications. The cable ready form must be completed and handed in at the HOA office, before any connection may take place.

A COC must be issued for the builders' connection by the contractors' electrician and must be handed in to the office within 24 hours for the service to be effected.

- Zwartkop HOA may disconnect the temporary supply at any time in its entire discretion. The supply will be allowed for a maximum of 8 months and **may not under any circumstances be connected to the dwelling's electrical installation.**
- The Owner is responsible for consumption charges.
- On completion of the building the builder's connection is switched off. The electrical contractor ensures that he is ready for inspection (comply with SANS 1014-2). The power will be switched on for 24 hours for the contractor to test and to prepare for the Certificate of Compliance. On receipt of the COC the connection will remain on otherwise the connection will be switched off again.
- The cables between the Estate's supply and the owner's house can only be joined by a registered electrical contractor. If the Estate's contractor is required to make the joint the cost will be for the owners account. Please notify the Estate by e-mail of the requirement.

c. Domestic Electricity Installations:

The Owner must ensure that the installation fully complies with the National Building Regulations and the Tshwane Municipal By-laws. In addition the following Estate standards will apply:

c.i Accredited Installation Contractors

Only contractors who are accredited in terms of the Occupational Health and Safety Act may undertake electrical installations and such contractor must submit proof of such accreditation to the Zwartkop HOA.

Presentation of the contractor's wireman's license and ID at the office is required as well.

c.ii Demand Management

Due to the change in the by law of Tshwane it is longer required to install a Rippel box. However, you must install an over current protection circuit breaker in the main distribution box. For single phase an 80 Amp curve 2 circuit breaker and for 3 phase a 60 amp 3 phase circuit breaker must be installed.

c.iii Service Cable

The Owner will be responsible for laying a connection cable from the dwelling's distribution board and / or builder's connection to the point of supply on the boundary of the stand.

The cable must be laid at a minimum depth of 500mm and may not be underneath any building or permanent structures and must be accessible.

The cable for a single phase connection must be a 16mm 3-core copper conductor type PVC / SWA / PVC cable, and a 16mm 4-core copper conductor type PVC / SWA / PVC cable for a three phase connection, as specified in SABS 150.

Zwartkop HOA will connect this cable to the network once a domestic and / or builder's installation has been certified by the contractor issuing a Certificate of Compliance (COC). The 'Cable connection request' must be completed and handed to the Estate for the service to be effected.

c. iv Conditions of Supply:

The Owner must ensure that the installation complies fully with all the relevant legislation as well as the Conditions of Supply, contained in the residential supply agreement. Failing which, Zwartkop HOA will decline to connect the installation to the network or will disconnect the supply if already connected. Should an illegal connection be found, the Owner will be fined an amount of R 1000.00.

The supply agreement must be completed and signed as well and may be obtained from the office.

c.v Any connection must be applied for at least 3 days in advance and deposits must be paid before the connection will be made.

I will adhere to all the rules stipulated in these guidelines

Signed and accepted on
Owner Contractor

PLEASE NOTE: 2 WORKING DAYS ARE REQUIRED FOR THE CABLE CONNECTION TO BE CARRIED OUT



ZWARTKOP GOLF ESTATE HOMEOWNERS ASSOCIATION
(NPC) Reg no 2004/002619/08

CABLE CONNECTION REQUEST

(This application must be completed and handed to the Estate Manager at least 5 working days before the required connection date.)

I, _____ hereby declare that the

cable at Stand _____

Township: _____ is ready
and safe and complies with SANS 1014 and can be switched on after a meter was installed..

Electrical Contractor's Contact Detail : _____

Name of Electrical Contractor : _____

Signature : _____ Date : _____

Enclosed:

ID of contractor

Wireman's license of contractor

Specifications for weather proof distribution box and circuit breakers for temporary builder's supply

The Zwartkop Golf Estate Home Owners Association will only connect a temporary supply to a weatherproof distribution box with the following minimum specifications, see photo below:

1. A minimum height above ground of 500mm. The stand must be driven into the ground a minimum of 500 mm to ensure its stability.
2. The box must have a secure closing mechanism which is lockable.
3. The box must be water tight – preferably PVC.
4. The box must contain a 20 Amp circuit breaker type Earth-leakage and main isolator on a double pole.
5. The box must contain a 2 x 15Amp 3 – pin switched socket outlet.
6. The box must be locked at all time when not in use.
7. The box may not be mounted to any wall of the building in progress. The Box must be mounted on a strong steel pole which is sunk into the ground
8. Copy of the wireman's license and ID must be submitted together with this application.

