

P.O. Box 2041; Sasolburg; 1947; RSA  
17 Venus Street,  
Naledi Industrial Park;  
Vaalpark, Sasolburg  
Company Reg No. 2006/017958/07  
VAT Reg. No. 4590229227

Head Office  
Tel: +27 (016) 971-3333  
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## **Staro Construction**

Staro Construction delivers a wide range of fit-for-purpose solutions in order to satisfy customer requirements. We pride ourselves on being flexible to meet client needs while at the same time delivering quality solutions that meet or exceed customer expectations.

### **Part of our company's major offerings include the following:**

#### **Racking and cable support systems**

We supply and install various types and sizes of fit-for-purpose racking systems. This includes the on-site design and fabrication of support brackets. We also provide and install the following cable support and protection solutions:

- Supply and installation of conduit cable supports.
- Supply and installation of spragging solutions for cable protection.
- Network and fiber cable protection systems
- Supply and installation of trunking systems.

#### **Cable supply and installation**

We supply and install various types of cable as per customer requirements. These cables are tested prior to installation to ensure that they meet the minimum requirements. We also provide different cable securing

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systems, from normal cable ties and bandit strapping to specialized clamping like trefoil clamping. Some examples of cable supply and installation include:

- Supply/power cable
- Control cable
- Instrumentation cable
- Specialized cables
- Reeling systems and festoon cabling

Only certified cable suppliers are used for our supply to ensure that we deal in quality products that comply with minimum regulations.

## **Terminations**

Terminating cables as part of cable installation is integral to our service delivery. We have the ability to do various terminations for 380V up to 11kV cables, including specialized cable terminations. Our services include, but are not restricted to:

- General cable terminations (380V–11kV)
- Specialized cable terminations (380V – 11kV)
- Instrumentation cable terminations
- Control cable terminations

We have a well-trained and certified team of terminators with a proven track record that are certified to terminate up to 11 kV cables.

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## **Joints**

With an in-house team of competent and certified employees, we have the expertise and capability to do various types of cable joints as per client requirements, from 380V up to 11 kV. Service offerings include:

- General cable joints (380V–11kV)
- Specialized cable joints (380V–11kV)
- Instrumentation cable joints
- Control cable joints

All joints are tested and deemed safe or fit for use after installation.

## **Testing and commissioning**

An integral part of our service offering includes the testing and commissioning of cables and equipment. This is an absolute necessity in our working environment. We test for function and conformance to specific parameters. Testing also includes commissioning with the respective engineers for handover. We do the following testing, but are not limited to:

- General cable tests
- Equipment testing
- Earth testing
- Commissioning of equipment and plant functionality as per client requirements

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All testing and commissioning are prescribed either as per law or client requirements and are dealt with accordingly. This will be included in a QC datasheet, which may form part of a greater QC process that is followed.

## **Quality control**

In order for us to conform to client requirements and specifications, as well as regulations, we do have a quality control process in place that allows us and the client to acknowledge that the service provided adheres to a set standard. Sign-off will only be completed as soon as the client is comfortable that the specific task, job, or project was completed within pre-set parameters and is up to standard. As part of the service offering, we can supply the client with the following:

- Full quality control packs, including the quality control plan
- Specific quality control packs as per client requirements
- Individual test sheets as per requirements
- Factory acceptance tests
- Handover sheets

We pride ourselves on delivering quality service to all our clients, and the use of quality control packs will allow us and the client to be satisfied on job completion.

## **Fault finding**

Fault-finding can be a very difficult and lengthy process. With our range of in-house and out-of-house skills, we do assist clients with fault-finding to resolve any possible problems.

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### **Instrumentation**

As part of our offering, we also include the installation of instrumentation cabling and equipment. This includes, but is not limited to:

- Air system installation
- Instrument equipment installation

Various applications require different solutions, and we are more than willing and capable of working with respective parties to deliver an optimal solution.

### **Specialized electrical equipment installations**

Due to the nature of our working environment, we have a wide array of specialized equipment that we install. Some of our specialties include:

- Motor Control Center installation (380V–11kV)
- Switchgear installation
- Drive installation and maintenance
- PLC installation
- UPS systems (installation and maintenance)
- Battery charging units for switchgear control
- Control gear for normal plant and equipment operations
- Safety equipment for numerous applications
- General electrical and household installations

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**Other**

Other areas of involvement include:

- General maintenance and support of electrical systems
- Various commissioning activities
- Basic design of electrical and instrumentation systems
- Breakdown resolution
- Lighting installation

**In conclusion**

As an electrical construction company, we strive to deliver on customer requirements in an effective and efficient manner while not compromising on quality or delivery. An open relationship with all clients is not a requirement but a necessity in order to deliver the best solution for the application. Years of experience in the electrical and instrumentation fields have left us with an experienced and competent workforce to deal with all the opportunities thrown at us. Customer satisfaction is foremost, and our name is linked to it.