

## **Coal Mine Sees Benefit In Trafo's Dry-Type Transformers**

### **Blurb for online platforms**

Trafo Power Solutions, experts in dry-type transformers, has recently completed a contract as part of a significant upgrade at a Mpumalanga coal mine.

### **Media release – 30-01-2020**

#### **COAL MINE SEES BENEFIT IN TRAFO'S DRY-TYPE TRANSFORMERS**

Trafo Power Solutions, experts in dry-type transformers, has recently completed a contract as part of a significant upgrade at a Mpumalanga coal mine.

This involved the design, supply and installation of two 200 kVA – 22 kV to 400 V – dry-type transformers, according to Trafo Power Solutions managing director David Claassen. Housed in specialised IP42-rated ingress protected enclosures, the units were specified by a design house on behalf of the end-customer.

“The contract demonstrated our application engineering capability, and our experience in co-ordinating our solution within a larger project,” Claassen says. “This included meeting detailed specifications, and ensuring that our design for the transformers and their enclosures matched the requirements and constraints of the site.”

Trafo Power Solutions also equipped the units with the necessary earth fault protection and surge protection, as well as vibration pads.

“Dry-type transformers are well suited for the coal mining environment, with its hazardous areas and its regulations to mitigate fire risk,” he says. “The dry-type technology uses air to cool the transformers, doing away with the need to use oil as a coolant.”

Claassen emphasises that the absence of oil has advantages for safety, as the possibility of oil igniting is removed. The units can also be well protected against fine airborne coal dust. An added advantage is environmental, as there is no chance of an oil leak contaminating the ground or water.

### **Captions**

COAL MINE PIC 01 : Fully enclosed mini sub including cast resin transformer.

COAL MINE PIC 02 : Cast resin transformer in fully enclosed minisub configuration.

**Hashtags**

#trafo

#drytypetransformers

#mining

#coal

**Contact information**

On behalf of Trafo Power Solutions

[www.trafo.co.za](http://www.trafo.co.za)

From Coralynne & Associates

[communicate@coralynne.co.za](mailto:communicate@coralynne.co.za)

Twitter : Coralynne\_Assoc

LinkedIn : Coral-Lynn Fraser-Campbell