

Service vehicle toolbox for Eskom

SUMMARY

A lightweight and cost-effective standardised service vehicle toolbox for Eskom maintenance vehicles in the Western Cape has been designed by *Calculus Products (Pty) Ltd*, with assistance from the Institute of Advanced Tooling at Stellenbosch University.

Eskom is currently in consultation with Calculus Products to test the newly designed toolbox, as a first step towards the possible deployment of this product at a national level.



Calculus Products (Pty) Ltd

Calculus Products is a turnkey sheet metal fabricator with the capability to manufacture components to very high accuracies. The company produces a range of applications for banks and service stations, inside distillation equipment on earthmoving equipment, battleship substructures and equipment used in research stations in Antarctica.

Calculus operates from premises in Wellington and Stikland.

www.calculus.co.za

Niche offering

Calculus Products manufactures customised sheet metal products. These offerings include service vehicle toolboxes; vehicle canopies; point-of-sale stands; doors; assemblies of a repetitive nature comprising vehicle components combined with electronic components or hydraulic systems; signage for Sasol; and agricultural equipment.

Technology Assistance Package (TAP)

Calculus has redesigned the toolbox configuration for service vehicles, which is not currently available in the market.

With the assistance of the Institute for Advanced Tooling at Stellenbosch University, a standardised design has been developed for Eskom in the Western Cape. The toolbox has retained full functionality and is manufactured faster and at reduced cost

At the invitation of Eskom, a standard toolbox is being tested for future use by Eskom throughout South Africa.

Outcomes and impact

- Increased market share and the associated job opportunities for Calculus
- Enhanced manufacturing skills