

# insulectric (pty.) ltd.

INSULATION SPECIALISTS  
MANUFACTURERS OF ARC CHUTES AND INSULATION FITTINGS

Company Registration Number 1972/001000/07

Incorporating **INTEROHM (PTY) LTD**

Company Registration Number 78/03676/07

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27 May 2014

Our reference: TLIU NAB 27514

## To Whom It May Concern

Dear Madam / Sir,

For and on behalf of Insulectric (Pty) Ltd it pleases me to place on record and confirm that the Technology Localisation Implementation Unit (TLIU) has so far provided assistance towards the project:  
“**Research and Development of an Asbestos-free Heat and Arc Resistant Composite Insulation Material with Thermal Shock Resistance, Fire Resistance and Electrical Properties comparable to those of INTEROHM grade IG-30 when tested to BS 3497:1979**”.

This project will assist Insulectric (Pty) Ltd to introduce an innovative new Asbestos-free product into the South African and Global markets.

It is most relevant to the South African Manufacturing Industry and was required to be implemented as it will allow Insulectric (Pty) Ltd to meet the demands by several key sectors of Industry locally and globally in meeting their demands for a Non-Asbestos board material.

### South African key Industries include:

- Railway Passenger transportation (example – 3kV DC switchgear components for **PRASA Metrorail**)
- Railway Freight Transportation (example – 3kV DC switchgear components for **TRANSNET Freight Rail**)
- Switchgear Industry (example – DC switchgear components for **ACTOM**)
- Precious Metals Refining (example – furnace insulation for **Rand Refinery**)
- Precious Metals smelting / processing (example – furnace insulation for **LONMIN**)
- Ferrochrome and related metals smelting / processing (example – furnace insulation for **SAMANCOR**)
- Pyrometallurgical Research & Development (example – furnace insulation for **MINTEK**)

Insulectric (Pty) Ltd will be the only manufacture of this product in the World and this will ensure the import replacement of at least 7 different foreign-sourced products. It is understood at this time that all raw material requirements will be South African sourced. Job creation on several fronts with a mixed requirement in terms of skill requirements will occur. South Africa will be able to export this product to Global key Industries who to a large extent are the same as the South African key Industries however their demands are on a much larger scale.

Due to the intervention Insulectric (Pty) Ltd will become the source of a World-class non-Asbestos board material and a market-leader in terms of product specification levels. The South African economy will benefit from the competitive advantage opportunity created.

Insulectric (Pty) Ltd is most grateful to both the TLIU and DST for this initiative and appreciates the ongoing support provided towards the research, testing, development and implementation of production processes for manufacturing Asbestos-free boards.

Yours faithfully,

**Alan Stuart**

Directors: J.D. Stuart A.M. Stuart