

Metix – company profile

P. Davies and R. Meyjes

Metix (Pty) Ltd, Johannesburg, South Africa

Keywords: Pyrometallurgy, furnace, smelter, engineering company

Abstract – Metix is a private smelter engineering company wholly owned by its management. Its main lines of business in the ferro-alloy industry being:

- turnkey smelter projects (LSTK)
- engineering, project, and construction management projects (EPCM)
- specialised furnace equipment comprising:
 - complete electrode columns, including forged copper pressure rings and contact shoes, as well as fail-safe slipping devices
 - water-cooled roofs
 - bus-tube systems
 - feed systems
 - cooling systems
 - linings
 - off-gas systems
 - tap-hole drills & clay guns
- furnace power supply systems
- ore agglomeration & sinter plants
- feasibility studies & due diligence reports
- technical consulting for investment banks
- project procurement & cost control

Metix management experience includes around 130 combined years of contacts and experience in the South African smelter industries. Over 30 furnaces have been built, for processes including FeCr (high, medium, and low carbon), FeSi, FeMn (high and medium carbon), SiMn (ultra low carbon), Si metal, and FeV.

