

Sebata Engineering



Sebata Engineering is a consulting division of Sebata Group of Companies. It offers engineering and related consulting services such as designs, project management, operations and maintenance services to all industry sectors. The Sebata Engineering division was developed through the Eskom SHERQ contract of five years to Sebata Institute in partnership with Moody International in 2007. The division engineering disciplines include mechanical, piping, electrical, control and instrument and civil engineers, inspectors, scientist, commercial and management personnel to execute the quality engineering functions. Currently Sebata is executing full engineering projects solutions to Eskom.

Power & Energy
Petrochemical
Mining
Building Services
Marine & Coastal
Railway
Aviation & Defence
Infrastructure
Public Sector
Industrial
Commercial

Sebata Institute also formed a strategic partnership with international engineering firm, Mott MacDonald, in order for Sebata to grow the engineering business. The Sebata Mott MacDonald Consortium is a partnership between Sebata Institute (Pty) Ltd and Mott MacDonald Limited, companies registered in South Africa and the two companies already enjoy a mature consortium relationship. The Sebata Mott MacDonald Consortium has already been awarded two engineering contracts for the "Professional Railway Planning and Engineering Services" as well as the "Marine and Coastal Engineering Services" by the Transnet Capital Projects (TCP) Division as part of the Transnet R110bn capital expansion projects for the next four years.

Sebata Engineering offers Engineering, Procurement and contraction management Services (EPCM) to clients. Sebata Engineering offers all the engineering, project Management and project control services to the client for all phase from feasibility, concept, basic, detail, Construction, commissioning and hand over of the project.

EPCM

Technology Management
Project Controls
Cost Engineering
Quantity Surveying
Research and Development
Energy Management
Alternative Energy
Procurement & contracting
Commissioning services
Engineering & SHERQ Training

Project Management
Program Management
Engineering Consulting
Technical Support
Engineering designs and solutions
(process, civil, structural, electrical,
electronic, mechanical and building services)
Construction Management
SHERQ Services (Sebata SHERQ Solutions)



Operations and Maintenance



Sebata Institute offers Reliability Centred Maintenance and Asset Management services. These services are designed to offer current and long term savings and reliability to our clients' plants and facilities. The division employs professional engineers, operations managers, project managers, asset managers, technicians, planners, artisans and all operations and maintenance management personnel.

Our integrated approach to operations and maintenance enables us to offer an added value benefits to the client's requirement by sourcing from other department of Sebata Group of Companies such as engineering, procurement and construction management (EPCM), project management, integrated technology solutions, technical staffing solution and human capital development in the form of training, coaching and mentoring solution.

Our Operations and Maintenance Division is structured into these main pillars as follows:

Power & Energy
Petrochemical
Mining
Building Services
Marine & Coastal
Railway
Aviation & Defence
Infrastructure
Public Sector
Industrial
Commercial

Maintenance

- Maintenance Planning
- Maintenance Strategies
- Shutdown/Turnaround/Outage Planning & execution.
- Alliance contracts
- Material & Spares Management
- Predictive Maintenance
- Reliability Engineering
- Root Cause Analysis (RCA)
- Incident Investigations
- Technical Support
- Equipment Integrity
- Risk Assessment
- In-service Inspections
- Fabrication Inspections
- Small Projects work

Operations

- Safety Planning and management
- Plant Optimisation
- Production planning
- Troubleshooting
- Process Re-engineering
- Business Performance Management
- Plant Design
- Operations Budgeting
- Staffing Solutions
- Training

Asset Management

- Asset Management Strategies
- Supply chain management
- Productive maintenance
- Life Cycle costing model
- Total cost of ownership Modelling
- Asset registers
- Appraisal of assets
- Asset condition Assessment
- Asset Balance Sheet Control

TRAINING

Sebata Institute offers SHERQ and Engineering Training through our SETA Accredited School of Excellence

OUR CONTACT DETAILS

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