

Phacate Engineering, su, lda
Safety & Quality is our Priority

Tete-Moçambique Chingodzi
E-mail:planning@phacateengenharia.co.mz
Nuit: 401884629
License: 7430/05/01/PS/2025
Mobile: +258856384349, 872034406

Phacate Engenharia, su, lda

Company Profile



Introduction:

PHACATE ENGINEERING, SU, LDA, Is envisioned a company that will serve as a trusted, long-term partner with all CUSTOMERS.

We strive to transform the client landscape adopting dual responsibility as both caring neighbors and innovative.

We continue to leverage our collective expertise and experience to provide services that are efficient and sustainable. We strive to provide services which are safer more accessible and environmentally sustainable.



About us:

Phacate Engineering, su, lda, is Mozambican company based in Tete Province. Phacate Engenharia, su, lda prides itself with existence, its growth, and is a professional Engineering and Maintenance company firm with extensive collective experience and with professionals within Industrial Mechanic, Electrical, Splicing (Conveyors), Projects (Mechanical Constructions), Design and Boilermaking.



OVERVIEW:

VISION, MISSION AND VALUES

We are committed in helping our clients find ways to reduce non-roductive hours and reducing their operational costs. We are continuously striving to provide innovative technology-based in engineering solutions that are energy-efficient cost effective and sustainable.

VISION

We strive to be a leading preferred partner in customer focused and innovative Engineering and Maintenance solutions to Clients.

MISSION

We commit to partnering with our Clients to offer effective and efficient Engineering and Maintenance through our qualified, diligent and dedicated Professionals.

VALUES

- ✓ Trust
- ✓ Respect
- ✓ Ethics
- ✓ Teamwork

WHAT WE DO:

SERVICE OFFERED

Mechanical:

We are committed in quality in plant equipment Installation, Commissioning and General Maintenance:

- Predictive Maintenance (Plant Inspection),
- Preventive Maintenance (Scheduled or Planned),
- Reactive Maintenance (Corrective),
- Breakdown
- Refurbishment (Renew the units)

We are specialized on Positive and Negative displacement Pumps:

- Assembling and Disassemble the bearing assembly, set the bearing clearance,
- Pumps Faults detection during operation and we recommend,
- Spares recommendation,

Conveyors:

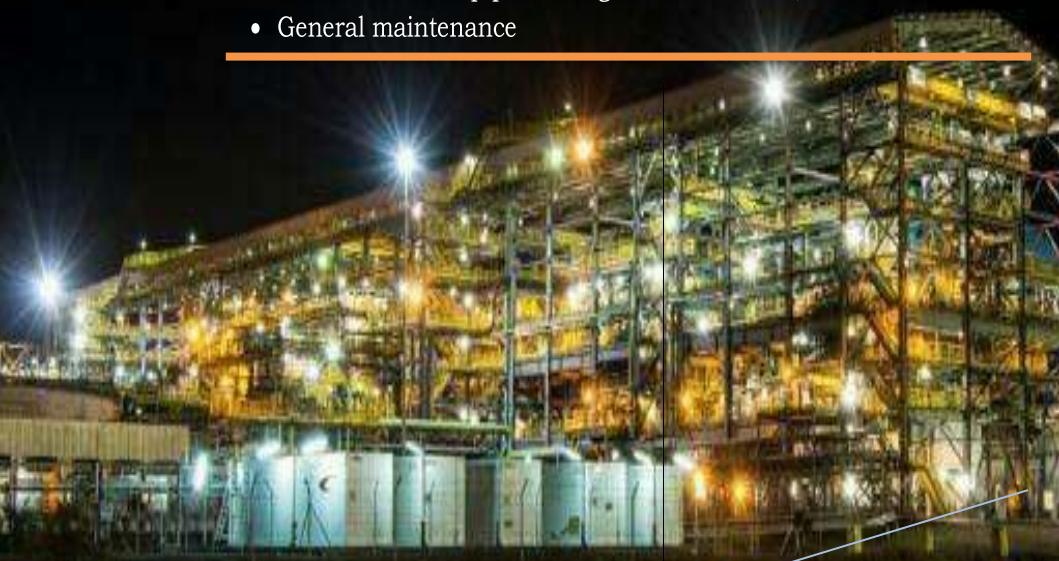
- Installation with Cold Splice and Hot Splice,
- Inspection,
- Idlers replacement,
- Leg replacement
- Rubber lining surfaces (Tank, Chute, Metal Pipes)

Screens:

- Drive service, Inspection and replacement,
- Cross member and stringers inspection, repair and replacement,
- Replacement,

Hot works:

- Structure Installation according the drawing,
- Structure fabrication and modification,
- Chute fabrication and repair,
- Metal and HDPE pipe welding and Installation,
- General maintenance



- **TO BEGIN WE HAVE TO COME TOGETHER**
- **TO PROGRESS WE HAVE TO KEEP TOGETHER**
- **TO SUCCESSED WE HAVE TO WORK TOGETHER**

Phacate Team

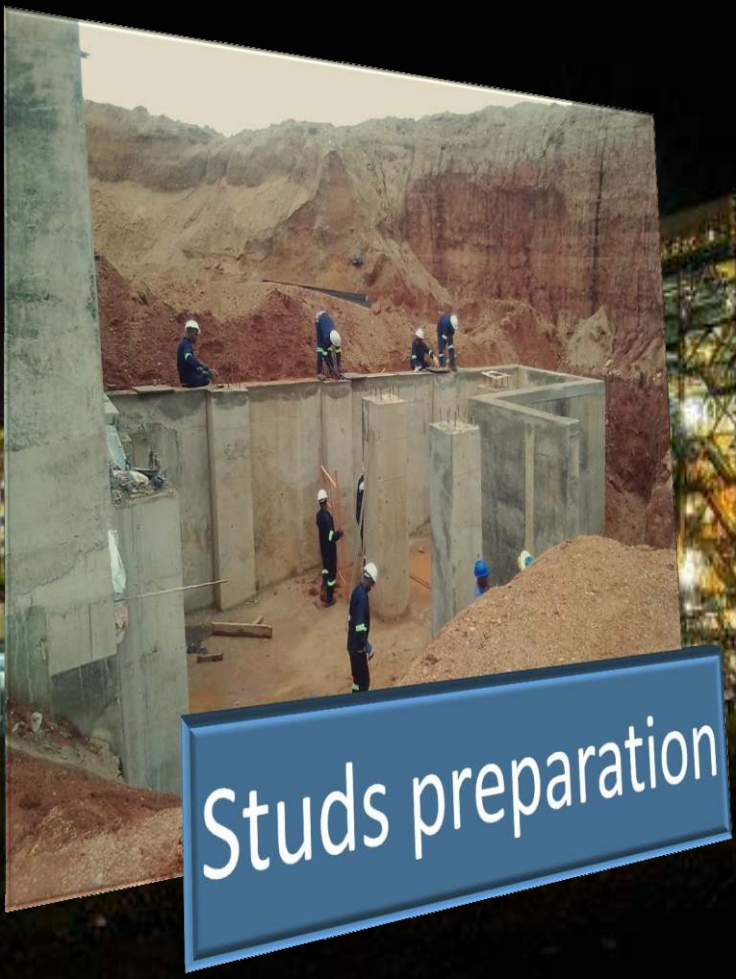


Morning Safety Meeting



Phacate Engenharia, su, lda

Alternatinative Feed Hopper Foundation Studs Preparation:



8

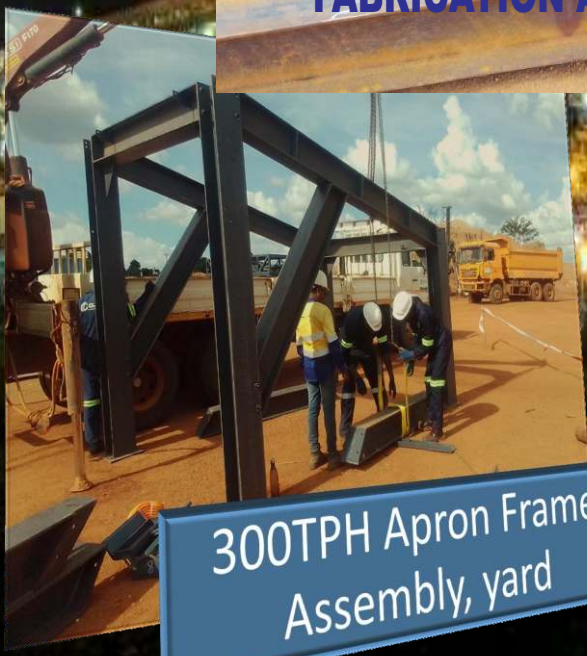
300TPH Feed Section Column Assembly / Hopper Support:







SIZING SCREEN BASE FRAME FABRICATION AT WORKSHOP.



300TPH Apron Frame Assembly, yard

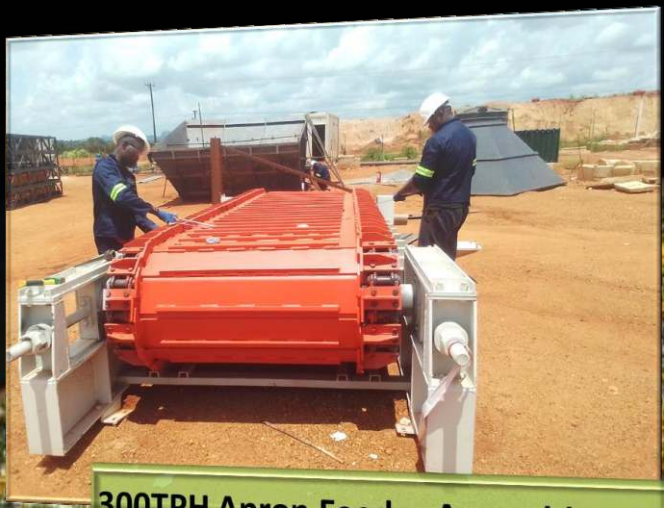
Apron Frame Erection:





SLR Mining, lda / Furagems:

Plant up Grade or expansion: 200TPH to 300TPH



300TPH Apron Feeder Assembly, yard



Apron Gear Box preparation

Apron Feeder Erection:





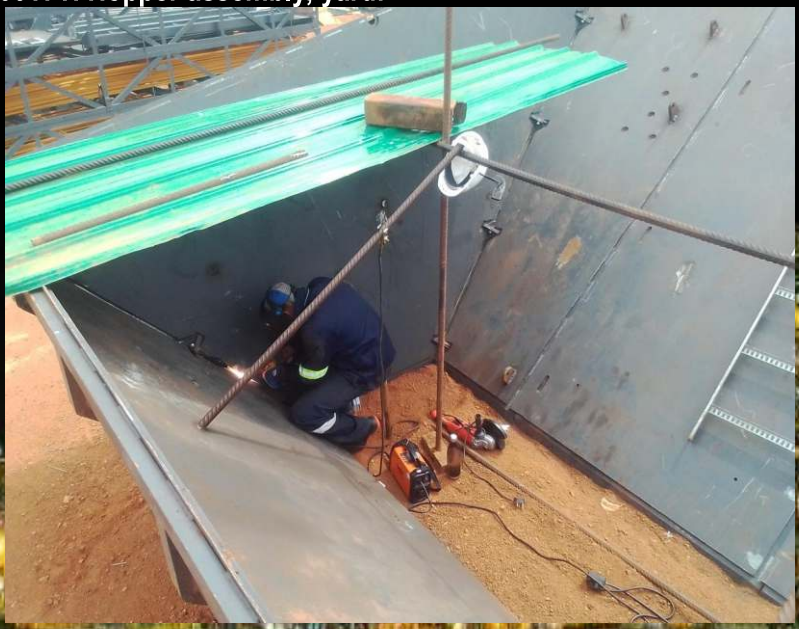


300TPH Hopper Frame:



Conveyor Columns Installation:

300TPH Hopper assembly, yard:





300 THP, Yard hopper assembly

300TPH hopper Installation:



1200mm Conveyor Structure Installation:



Apron Discharge CV & Screen Feed CV Structure:





Splicing 1200mm Conveyor:





DRY SCIZEN LIVE NR.01 TOP VIEW.



DRY SCREEN LINE NR. 02 ERECTION



DRY SCREEN LINE NR.02
TRANSFER CONVEYOR SPLICING

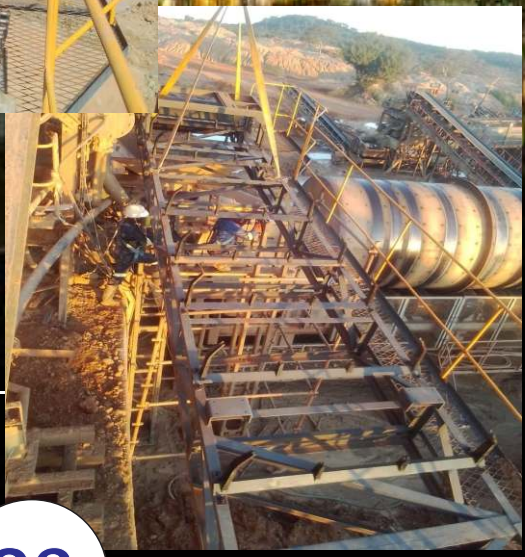


Conveyor Structure preparation:





SCRUBBER FRED CONVEYORGEAR BOR ASSEMBLY.



SCRUBBER FEED CONVEYOR GANTRY ERECTION

400TPH Double Deck Screen Service Exchange:



400TPH Screen

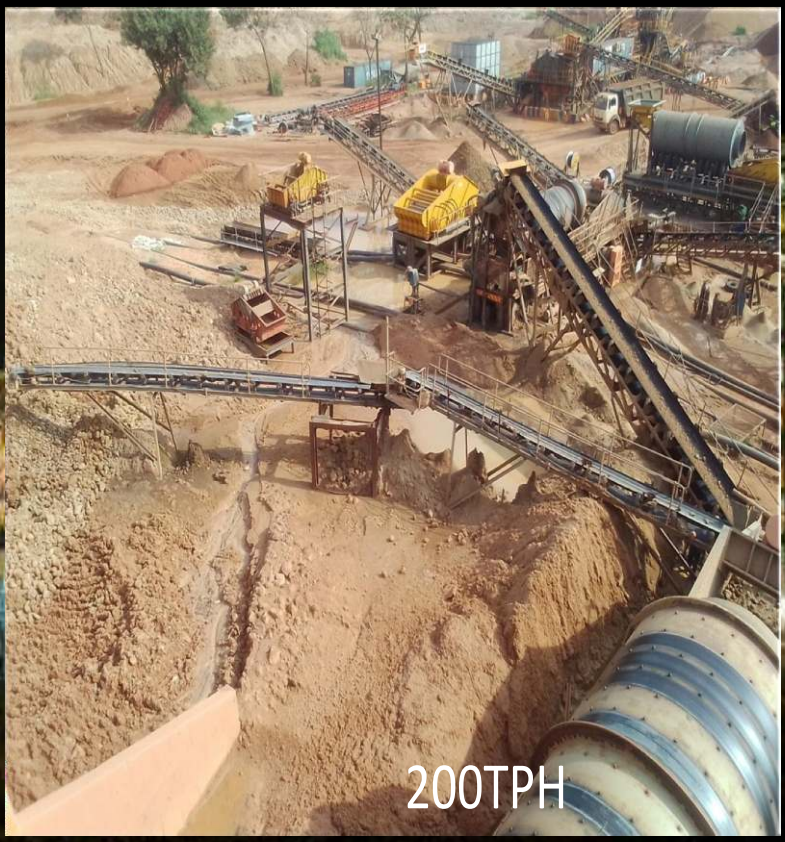
New Double Deck 400TPH Screen:





400TPH Screen Installed

Plant View:





Slurry Pump and Dewatering pump refurbishment




6/4AH pump service, Impeller replacement


Screen unbalanced motor refurbishment 7.5KW




Apron Feeder discharge chute repair


Single Stage Dewatering pump general
service and stationary Inspection at Pump house
PHE
E 39,2 S 13,0


SAND DISCHARGE CONVEYOR
STATIONARY INSPECTION


400TPH DOUBLE DECK SCREEN GENERAL
SERVICE AND STATIONARY INSPECTION

1200MM CONVEYOR, COMPLETING 7M INSERT WITH COLD SPLICE





TEMPORARY SUBMERSIBLE PUMP INSTALLATION FOR WATER REMOVEL IN THE APRON FEEDER SECTION.



6/4 AH Pump Installation.



Phacate Team



WE LOOK AFTER OUR EMPLOYEES

Upgradation of 200TPH Plant to 300TPH Plant Project



FURA
FURA MOZAMBIQUE
A FURA GEMS COMPANY

Address: Central Neighborhood, Rua da Se, 1st floor, office nr. 112, Pestana Rovuma Hotel, Maputo City and branch in District of Montepuez, Province of Cabo Delgado
Phone:+258850104906
Email:bibekananda.behera@furagems.com

Certificate of Project Completion

This certificate is award to **PHACATE ENGENHARIA, SU, LDA**, for the successful completion of the project "**Upgradation of the 200TPH Plant to 300TPH Plant**".

The project involved the construction of a 3 section of the Process Plant (200TPH to 300TPH), 2 Dry Screen Lines with 6 x 600mm conveyors, 2 Screens, 2 Hoppers, 2 VGFs, Direct Feed Line with 2 x 1200mm conveyors and, Plant Alternative Feed Line with common Feed Hopper, Apron Feeder, 2 x 1200mm conveyors and, 2 x 200TPH Screens Installation.

Project Name:	Upgradation of 200TPH Plant to 300TPH plant
Begin Construction Date:	February 14th, 2025
Substantial Completion Date:	June 12th, 2025
Final Completion Date:	June 16th, 2025

Compliance Statement:

It is certified that the upgradation of the 200TPH Plant to 300TPH Plant, has been successfully completed in accordance with SLR MINING, LDA – FURAGEMS building requirement codes, national safety regulations, and contractual. All structural Integrity tests, environmental impact assessments, and final safety inspections have been completed and approved.

Project Timeline:

Construction commenced February 14th, 2025, and reached substantial completion on June 12th, 2025. The final handover was completed on June 16th, 2025.

FURA MOZAMBIQUE,LDA
NUIT: 400 891 702
MOÇAMBIQUE

BIBEKANANDA BEHERA		31/12/2025
Project Head	Signature	Date

Phacate Engenharia, su, lda

