RAMM ENERGY (PTY) LTD

FUELED BY FAITH

COMPANY PROFILE

MINE-READY OPERATIONS, MAINTENANCE AND SPECIALIST FILTRATION SUPPORT

Operations | Maintenance | Mobile Filter Press Hire | Man Cage Hire | Mechanical & Consumable Spares | Steelwork & Fabrication | Safety & Compliance

Practical mine-site execution

with filtration, hire and processing plant support.

RAMM Energy is positioned as a practical mining and processing support company. The company combines site teams, fabrication capability, compliance support, experienced mineral-processing knowledge and SEFAR Filtration mining support to keep operating plants moving.

1984+
PROCESSING INDUSTRY EXPERIENCE AVAILABLE THROUGH TEAM CAPABILITY

WET
WET FILTRATION AND MINERAL PROCESSING PLANT EXPOSURE

SEFAR
MINING FILTRATION SUPPORT, CLOTHS, PLATES AND SPARES

SAIOSH
SAFETY FILES, LEGAL AUDITS AND MINE READINESS SUPPORT

Positioning: RAMM Energy provides the site execution layer - operations, maintenance, repairs, steelwork, fabrication, safety documentation, audits, man cage hire, mobile filter press hire and mechanical spares support - required to keep mining and mineral-processing plants running safely and reliably.

What RAMM Energy delivers

A service-focused capability profile for mining, specialist filtration partner support and mineral-processing environments.

01
FILTER PRESS SUPPORT

Plant support, operator assistance, maintenance, shutdowns and breakdown response.

02
MECHANICAL & CONSUMABLE SPARES

Filtration-related spares, practical site support and supply coordination.

03
STEELWORK & FABRICATION

Site modifications, brackets, platforms, supports and hot-work repairs.

04
PROCESSING PLANT SUPPORT

Mineral-processing knowledge, optimization and troubleshooting.

05
SAFETY & COMPLIANCE

Safety files, mine audits, legal compliance and SAIOSH-accredited support.

Filter press operations & maintenance

RAMM supports filtration plants with practical site teams that understand filter press operation, safety access, shutdown pressure and real plant conditions.

- Filter press plant operation and operator support
- Mechanical maintenance, inspections and breakdown response
- Hydraulic, feed/discharge and plate-handling support
- Shutdown support and punch-list close-out
- Clear reporting and practical improvement actions

OPERATION
Practical operator assistance and cycle support

MAINTENANCE
Inspection, defect tracking and repairs

BREAKDOWN
Fast response during shutdown and plant pressure

Mineral processing plant experience

RAMM Energy has access to experienced personnel with processing industry exposure dating back to 1984. This experience supports practical decision-making across plant operation, maintenance, quality control, optimization and fault finding.

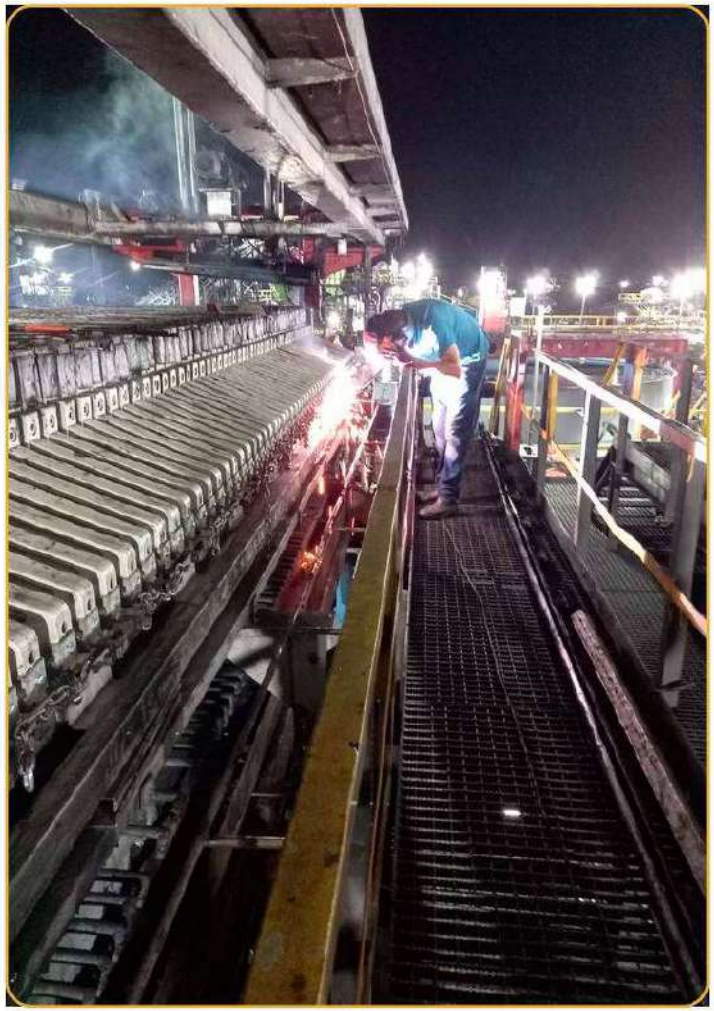
- TESKA PLANTS
- DMS CYCLONE PLANTS
- WEMCO DRUM PLANTS
- DREWBOY PLANTS
- LARCODEM PLANTS
- FLOTATION CIRCUITS
- SPIRAL PLANTS
- FINES BENEFICIATION
- THICKENER CONSULTING
- WET PROCESSING PLANTS
- DRY PROCESSING PLANTS
- PROJECTS & OPTIMIZATION

The objective is simple: identify the real plant constraint, make the work practical, and keep production moving safely.

Project support that works on site

RAMM supports project teams with practical supervision, labour, fabrication support, installation assistance, punch-list execution and mine site coordination.

- Installation and commissioning support
- Relocation, modification and upgrade assistance
- Site preparation, access support and practical execution planning
- Contractor coordination, inspections and punch-list close out
- Support for filtration, processing and bulk-material handling areas



Mechanical maintenance, breakdowns and optimization

RAMM provides hands-on mechanical support to identify problems, execute repairs and support plant uptime. The focus is on practical work that can be implemented safely under mine conditions.

Plant inspections, defect lists and breakdown response
Mechanical repairs, component replacements and on-site modifications
Pumps, pipework, chutes, conveyor and platform support where required
Fault finding, root-cause discussion and corrective action tracking
Maintenance planning support and shutdown execution assistance

Operational approach: inspect the plant, identify the constraint, agree the corrective action, execute safely, then report back with clear findings.

Steelwork, fabrication and site modifications

PRACTICAL FABRICATION SUPPORT FOR PLANT AREAS

- Steelwork repairs, plant modifications and fabrication support
- Access platforms, guards, brackets, supports and pipework supports
- Chutes, hoppers, liners and structural support work
- Hot-work repairs completed under mine safety controls
- Fabrication solutions for practical plant problems

Execution principle: Keep the solution strong, safe, accessible and maintainable. RAMM fabricates and modifies around the real plant conditions, not only around a drawing.

Safety, compliance and mine audit support

RAMM Energy supports clients with contractor readiness and mine safety documentation required for safe execution in mining and industrial environments.

- Legal compliance audits
- Mine audits and operational safety checks
- Safety files and project-specific documentation
- SAIOSH-accredited safety support
- Risk assessments and method statements

MINE-READY EXECUTION
Documentation, audits, safety controls and site discipline are treated as part of the work - not as an afterthought.

SAFETY FILES

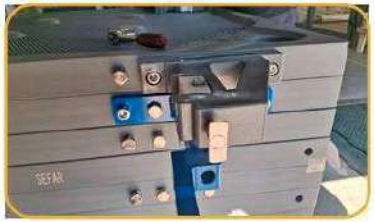
Project-specific documentation, permits, method statements and contractor readiness packs.

LEGAL COMPLIANCE AUDITS

Structured checks to identify gaps, reduce risk and support client mine requirements.

MINE AUDIT SUPPORT

Practical safety support aligned with site access, PPE, inspection and close-out requirements.



SEFAR Filtration support

SEFAR Filtration is the mining filtration side of SEFAR and a specialist partner to RAMM. SEFAR provides filtration experience and product support while RAMM provides the site execution, maintenance, operations, fitment and practical support required to get the work done on site.

WET FILTRATION EQUIPMENT

- Horizontal filter presses
- Vacuum belt filters
- Drum filters
- Tower presses
- Cloths, plates and spares
- Fitment and site support

RAMM SITE EXECUTION

- Build and installation support
- Operational and maintenance support
- Breakdown and shutdown response
- Mechanical and consumable spares
- Condition and site feedback
- Practical close-out reports

RAMM links SEFAR Filtration expertise to site execution - inspections, operational support, maintenance needs, breakdown response, fitment support and practical plant improvement actions.

Controlled execution with clear feedback

RAMM's value is strengthened by practical reporting and close-out discipline. Work should be visible to the client through inspections, photographs, defect lists, daily feedback and final handover records.

1

INSPECT

Plant condition inspections and defect lists

2

PLAN

Quality checks during execution

3

EXECUTE

Workpacks, permits and close-out reporting

4

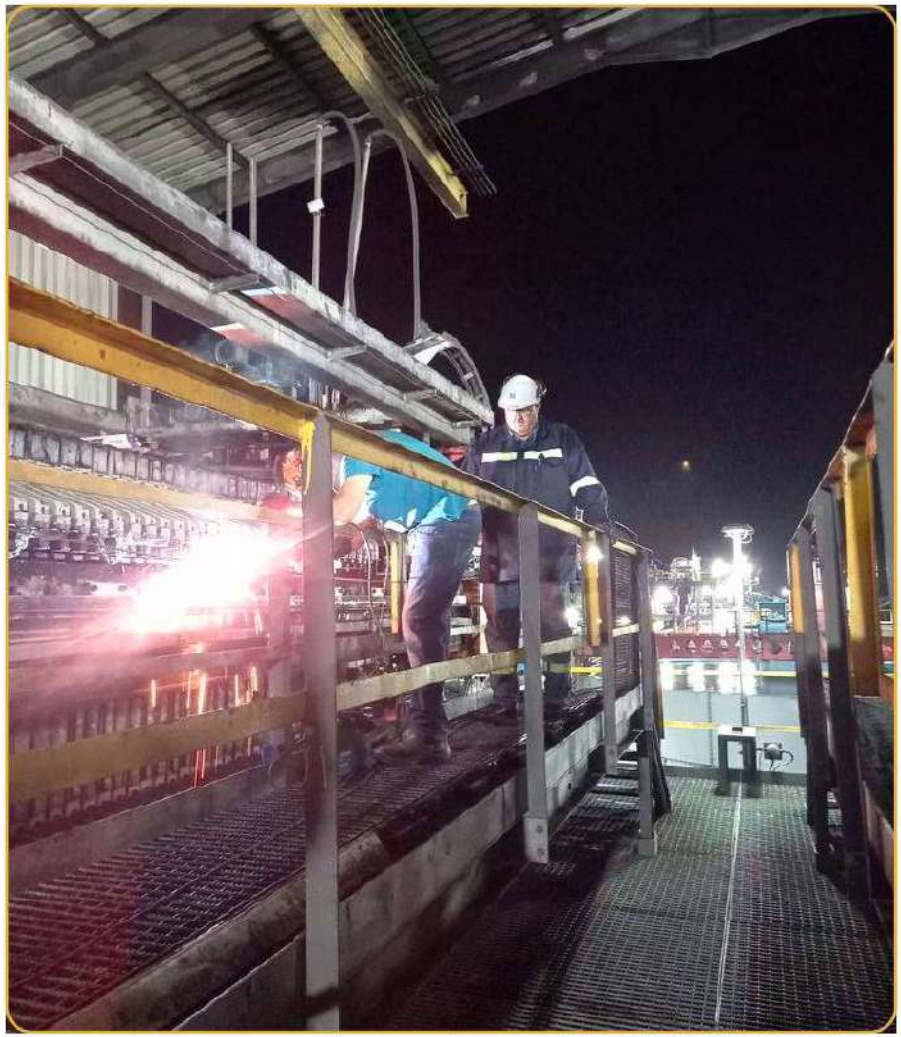
CONTROL

Photo records and punch-list tracking

5

REPORT

Progress updates and final handover records



The execution arm behind technical plant solutions

RAMM is the site execution partner that helps get the work done through operations, supervision, maintenance, fitment support, mechanical support, fabrication, compliance documentation and operational execution.

TECHNICAL PARTNER NEED

A competent site team that understands plant work, safety files, permits, access, tools and execution pressure.

RAMM ENERGY RESPONSE

Operational, maintenance, fabrication and compliance support delivered by practical mine-site personnel.

CLIENT OUTCOME

A safer, cleaner and more reliable plant with fewer open defects and clearer close-out communication.

Why clients use RAMM Energy

RAMM is built for site pressure. When clients need support, RAMM responds 24/7 - day or night, rain or shine. Renier Bloem leads from the front, stays hands-on across projects, and believes in leaving no man behind.

24/7 AVAILABLE

Reliable support when the plant needs response - day, night, rain or shine.

HANDS-ON CEO

Renier Bloem leads from the front and stays involved in the real work.

FIRST IN, LAST OUT

RAMM believes in finishing the job properly before leaving site.

NO MAN LEFT BEHIND

The team works together, watches each other and supports safe close-out.

MOBILE FILTRATION SOLUTIONS

RAMM Energy + SEFAR
= Complete Mobile Filtration Solutions

RAMM ENERGY
FUELED BY FAITH

SEFAR
FILTRATION TECHNOLOGY

TAKING FILTRATION TO THE MINE,
NOT THE MINE TO THE FILTRATION PLANT.

WATER RECOVERY
Recover clean water and reduce losses

FINES RECOVERY
Maximise product recovery and increase value

RAPID DEPLOYMENT
Mobile. Fast setup. Ready to perform.

MINE READY
Built for African conditions. Built for reliability.

OPERATIONS
24/7 SUPPORT

MAINTENANCE
RELIABLE & EFFICIENT

FILTRATION
EXPERTISE
SEFAR PARTNERSHIP

SAFETY
OUR PRIORITY

MOBILE COAL FINES RECOVERY PLANT

COMPACT. POWERFUL. MINE READY.

AGITATED FEED TANK
Consistent slurry conditioning.

FILTER PRESS UNIT
High performance plate press for maximum dewatering.

CAKE DISCHARGE
Reliable cake discharge via conveyor system.

WATER RECOVERY TANK
Clean water collected for reuse and cost savings.

CONTROL CONTAINER (MCC)
Integrated control system for safe, efficient and automated operation.

GENERATORS (OPTIONAL)
Diesel generator option for remote sites and standby power.

IDEAL FOR

- ✓ Coal Mines
- ✓ Tailings Projects
- ✓ Fines Recovery
- ✓ Water Recovery
- ✓ Plant Shutdowns
- ✓ Emergency Dewatering

MINE READY. SAFE. RELIABLE.
BUILT FOR AFRICAN CONDITIONS.
Fueled by Faith. Driven by Performance.

RAMM Energy + SEFAR
= COMPLETE MOBILE FILTRATION SOLUTIONS

Mobile filter press plant hire

SEFAR filtration design with RAMM build, operation and maintenance

RAMM Energy, together with SEFAR Filtration, is developing a mobile filter press hire solution for mineral-processing operations, DMS plants, wash plants and slurry-dam recovery projects requiring temporary, shutdown, additional or rent-to-own filtration capacity.

PLUG AND PLAY

1. **FEED / BUFFER TANK**
   Integrated into base structure
2. **HIGH PRESSURE FEED**
   Pump selection to suit slurry
3. **FILTER PRESS**
   Mounted above tanks
4. **CONVEYOR DISCHARGE**
   Quick cake removal
5. **FILTRATE TANK**
   Integrated return water handling

TARGET APPLICATION

Mineral-processing plants, DMS plants, wash plants and slurry-dam recovery projects requiring new filter press capacity, temporary shutdown capacity, additional dewatering capacity or rent-to-own options.

DESIGN AND SITE SUPPORT

SEFAR provides filtration design and application knowledge. RAMM provides build, installation, operation and maintenance. High feed pressure principle with practical cycle design and conveyor discharge.

Design basis: each filter press plant is specified to the site requirement. Final sizing is based on slurry flow, solids percentage, particle size, specific gravity, required cake moisture, filtrate quality, cycle time and operating pressure. Suitable for any filterable mineral stream, including slurry-dam recovery applications.

Man cage for HIRE - 250kg load-tested

controlled elevated access for mining and industrial work

RAMM Energy offers a load-tested man cage hire solution for controlled elevated access work. The man cage is load tested for 250 kg and supports maintenance, inspection, shutdown, fabrication and repair work where safe personnel access is required.

SERVICE USES

250 kg load-tested man cage
Maintenance and inspection access
Shutdown and breakdown support
Fabrication and elevated repair work
Documentation support where required

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CONTACT US

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