



TMMA Drill and blast

Company Profile

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COMPANY PROFILE

TMMA Drill & Blast (Pty) Ltd is a South African drilling and blasting contractor delivering safe, efficient, and quality rock-breaking solutions for surface mining and quarry operations. Founded by Mr. Shuaib Hassim a qualified Explosives Engineer with 18+ years' experience



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About COMPANY

TMMA Drill & Blast (Pty) Ltd is a South African drilling and blasting contractor delivering safe, efficient, and quality rock-breaking solutions for surface mining and quarry operations.

Founded by Mr. Shuaib Hassim a qualified Explosives Engineer with 18+ years' experience TMMA blends disciplined engineering, on-bench excellence, and customer-first service to achieve predictable fragmentation, improved dig rates, and reduced cost per tonne.

COMPANY INFORMATION

Name: TMMA Explosives Drill & Blast

Registration Number: 20121/801082/07

VAT Number: 4930318797

Address: 7 Ceylon Street, Middelburg,
Mpumalanga, 1055

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B-BBEE LEVEL 1

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MISSION

Deliver uncompromisingly professional, quality-over-quantity services that meet client deadlines, uphold international best practice, and drive measurable results in safety, fragmentation, and productivity.

& VISION

To be a game-changing drill-and-blast partner known for exceptional standards, innovation, and lasting impact scaling from regional strength to global recognition.

CORE SERVICES & SOLUTIONS



Production Drilling & Blasting (Surface/Quarries)

- Blast design (burden/spacing), timing, initiation plans
- On-bench charging, loading logs, and execution oversight
- Trim/pre-split blasting for wall control and highwall stability



Technical Advisory & Optimization

- Blast audits & optimization studies
- Fragmentation targets and cost-to-fragment improvement
- Unit management & maintenance support for availability/reliability



Environmental & Compliance Services

- Blast assessments and approvals
- Vibration/air-blast monitoring and reporting
- Fragmentation analysis, dust/noise mitigation measures

Delivering
high-quality,
cost-effective
explosive
solutions.





Training & Skills Transfer

- Client-tailored practical training for safe, efficient operations
- Upskilling aligned to site SOPs and compliance requirements



Survey & Drone Support

- UAV-assisted survey of mining areas and blast monitoring for pre/post-blast analytics and safer execution windows



Supply (Explosives & Accessories)

- Explosives: Emulsion, Expanfo, cartridges
 - Accessories: Shock-tube, electronic initiation, boosters, cords
- Supply may be paired with technical supervision and inventory controls.



OPERATING PHILOSOPHY

Plan with Precision: Engineer the blast for the geology, production targets, and environmental thresholds.

Execute with Discipline: Hole QA, charging controls, exclusion zones, and misfire protocols.

Measure & Improve: Post-blast fragmentation checks, vibration records, and cost/tonne feedback loops.

All work is performed to international standards and aligned to South African legal compliance (Explosives Act; MHSA) with documented measurement checks and supervised execution.

Typical Deliverables

Blast design pack (layouts, tie-ins, timing), Safety documentation (risk assessments, firing plans, exclusion-zone maps), Execution records (hole logs, charge sheets, initiation verification), Monitoring outputs (PPV/air-blast) and fragmentation analysis, Close-out report with improvement actions for the next blast

HSEQ & COMPLIANCE

Safety: Job hazard analysis (HIRA), PPE compliance, bench barricading, firing procedures, emergency response and misfire management.

Health: Dust/noise controls; equipment housekeeping; shift fatigue management.

Environment: Blast timing to community-safe windows; monitoring for peak particle velocity (PPV) and overpressure; transparent reports to stakeholders.

Quality: Pre-blast checklists, charging logs, video records, and post-blast performance dashboards.

People: B-BBEE employment creation and skills development in line with national policy priorities.



DIFFERENTIATORS

Founder-led expertise: Direct oversight by a seasoned Explosives Engineer and certified Responsible Person.

Customer-centric delivery: Service level commitments anchored in timelines and measurable outcomes.

Innovation mindset: Use of drones, monitoring, and analytics to tighten QA/QC and reduce variability.

Responsible growth: Community investment and local hiring embedded in project planning.

TMMA Drill & Blast (Pty) Ltd

Specialist surface drilling & blasting for mines/quarries.

Edge: founder-led engineering, disciplined QA/QC, environmental stewardship.

Core: production drilling & blasting; optimization & audits; environmental monitoring; training; UAV survey; supply of explosives & accessories.

Outcome: consistent fragmentation, safer blasts, lower total cost per tonne.



Project	Client	Year	Contact
Drilling,Blasting and Transport of Explosives	Peaceful MS Enterprise	2023-2025	Bruce - 082 925 0887
Transport Of Explosives	AECI Mining Explosives	2023-2025	082 419 1246
Transport of Explosives	AFRICOAL	2025	067 893 9105
Drilling,Basting and Transport of Explosives	Divestec Enterprises	2023-2025	083 500 6549





TMMA blends disciplined engineering, on-bench excellence, and customer-first service

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