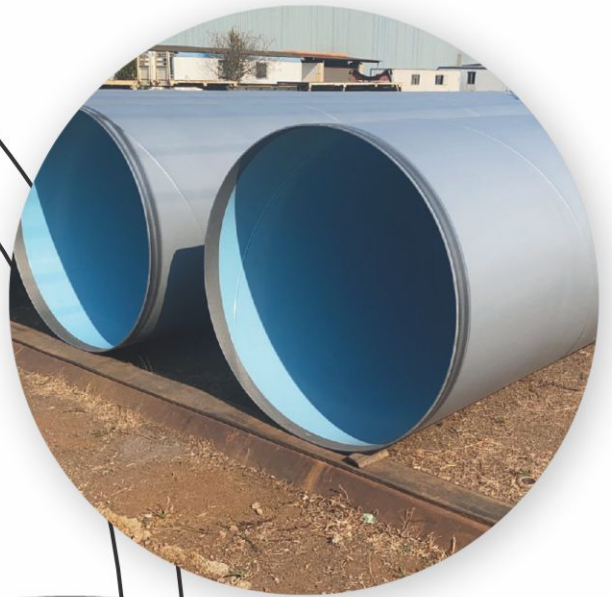




MAKHAYA
CORROSION

CONTROL



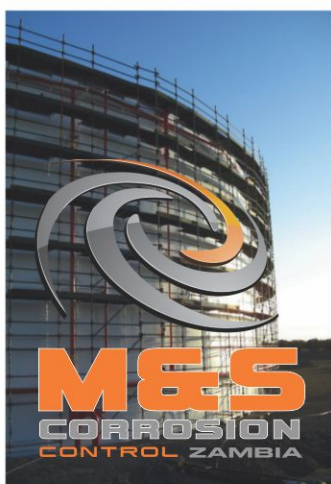
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At **Makhaya Corrosion Control** we value the relationships we've established with our clients. We make it our top priority to ensure that we can supply our clients with a wide range of services, whereby giving them the reassurance and satisfaction of knowing that work will be completed by a reliable supplier in a safe manner, within the given time frame, to their desired specifications.

Makhaya Corrosion Control is a Level 2 BBBEE company with vast experience in the field of corrosion control and protection, as well as that of roof refurbishment and scaffolding.



Makhaya Corrosion Control has branched out to sister African Country, Zambia, and created the Zambian Registered company **M&S Corrosion Control Zambia (Pty)Ltd**, where we've established an operation similar to what we have in South Africa.

At **Makhaya Corrosion Control** we value the safety of our employees & stakeholders and will, as far as possible, protect the well-being of our employees & work towards preventing injuries & ill-health.

Makhaya has been ISO 9001 & ISO 45001 certified since 2011 & will continue to strive for continuous improvement of our SHEQ Management System.

Makhaya Corrosion Control is a proudly South African specialist contractor in industrial corrosion protection, refurbishment and abatement.

We are an independent (Pty) Ltd company specialising in the full spectrum of industrial corrosion protection processes — including coating application, abrasive blasting, shot blasting, high-pressure water cleaning, as well as sheeting removal, replacement and repair. We also deliver turnkey projects where we manufacture, install and finalise the erection of steel structures on client premises, often processing raw client materials to exact specification — including pipeline fabrication, linings and Denso wrapping.



Our **Mission** is to provide a one-stop, tailor-made service of the highest standard to existing & prospective clients.

Through committed management & a well-motivated workforce, we stay progressive & innovative — while minimizing impact on the environment & preventing harm to people, clients, communities & assets.

Our **Vision** is to be the contractor of choice — recognized for our ability to deliver & maintain top-quality work safely, on time, & exactly to client requirements.

Customer satisfaction is our driving force and forms an integral part of our Quality Management System. By building beneficial and lasting relationships with customers, through a process of continuous improvement, we will ensure that Makhaya remains the company of choice.

OUR SERVICES

PLANT & EQUIPMENT REFURBISHMENT

Application of Industrial linings & coatings to machinery & equipment.

STORAGE TANK REFURBISHMENT

Structural repair & corrosion protection of storage tanks to improve integrity & operational lifespan.

WATER & ACID PROOFING

Specialized protective systems designed to resist chemical attack & prevent water ingress.

SCAFFOLD ERECTION

Erection, modification & dismantling of scaffold structures..

ULTRA-HIGH PRESSURE CLEANING

High-pressure water jetting systems used to remove scale, deposits & contaminants from industrial equipment.

SOLAR PANEL CLEANING

Advanced technology used to clean solar panels to improve efficiency.

SHEETING REFURBISHMENT

Refurbishment or replacement of roof & side sheeting, gutters, downpipes, etc.

SLUDGE REMOVAL

Advanced robotics used to de-sludge equipment while in operation.

ASBESTOS ABATEMENT

Registered Type 3 Asbestos Removal Contractor.

PIPELINE REFURBISHMENT

Manufacturing, repair & protection of in-situ pipeline systems.

Makhaya Corrosion Control is involved in the following Industries:

- Petro Chemical Refineries
- Paper & Pulp Industries
- Energy/Renewable Energy
- Sewerage & Waste Treatment Industries
- Manganese Industries
- Farming and Forestry Industries
- Construction Industries
- Steel & Metal Making Industries
- Mining Industries
- Food & Beverage Industries



Equipment Refurbishment

Abrasive Blasting & Spray Painting



Makhaya Corrosion Control has specialised in industrial corrosion protection for over 46 years, during which time the company has developed efficient techniques and incorporated advanced technologies that have enabled us to remain a leading competitor within the industry.

Our services and products are specifically focused on protecting substrates against corrosive and chemical attack, as well as thermal and environmental factors that contribute to the deterioration of structural steel and related infrastructure.

Makhaya Corrosion Control provides clients with a comprehensive service offering executed by trained, qualified, and highly skilled personnel, including spray painters, abrasive blasters, ultra-high-pressure cleaning technicians, and NACE-qualified inspectors.

Makhaya Corrosion Control has established an Automated Blasting Bay at our Head Office in Henley-on-Klip, one of the few facilities of its kind available in South Africa. This advanced facility enables us to consistently provide clients with high-quality blasted surface preparation in an environmentally responsible manner.

Our Automated Blasting Bay further supports environmental sustainability by significantly reducing dust emissions, minimizing noise levels, and facilitating the recycling and recovery of blasting materials and consumables, thereby reducing overall waste generation and environmental impact.

We can cater for all your blasting needs.

Blasting Methods:

- Glass Bead Blasting
- Garnet Blasting
- Steel Shot Blasting
- Conventional Blasting
- SPE Blasting
- Hydro Blasting



At **Makhaya Corrosion Control**, the safety and well-being of our employees, clients, and stakeholders remain a core priority. We are committed to maintaining safe working environments, preventing injuries and ill-health, & continuously improving our occupational health and safety practices across all operations.



Storage Tank Refurbishment

Plant & Tank Industrial Corrosion Protection

Corrosion is a natural and unavoidable process that manifests in various forms depending on the material, the environment in which it exists, and the duration of exposure; however, while it can't be entirely prevented, a range of effective mitigation measures can be implemented to control its progression and limit potential damage.

Makhaya Corrosion Control specializes in advanced corrosion protection solutions and is fully equipped to execute these operations, having successfully refurbished numerous plants and structures in accordance with client specifications.

Makhaya Corrosion Control enables clients to protect and extend the life of their steel infrastructure and equipment.

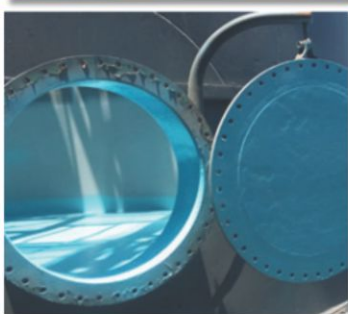
Makhaya Corrosion Control possesses the capability, capacity & proven credibility to consistently deliver outcomes that meet & exceed client expectations.

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- Mining Industries
- Manganese Industries



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Makhaya Corrosion Control provides clients with the assurance that all work is executed within agreed time-frames, to the highest quality standards, and in strict accordance with specified requirements.

- Backed by over 46 years of experience in corrosion protection.
- Makhaya Corrosion Control applies specialized processes to effectively mitigate corrosion and prevent its progression across a wide range of industries.
- Industries including that of paper and pulp, manganese, steel manufacturing, petrochemical, and chemical sectors.
- Operations are carried out by qualified SAQCC paint applicators under the supervision of trained NACE-certified Coating Inspectors.
- Strong, established relationships with leading coating suppliers, together with continuous quality assurance and control inspections conducted by competent and experienced QC Inspectors, ensures client satisfaction.



Long-Lasting Performance

The specialized coating systems applied by **Makhaya Corrosion Control** demonstrates exceptional durability, with installations remaining in service for extended periods without requiring additional maintenance.

This longevity reflects both the superior quality of the materials utilized and Makhaya's expertise in our application.

Proven Project Delivery Capability

With a strong track record across multiple industrial sectors, **Makhaya Corrosion Control** has consistently delivered successful corrosion protection and refurbishment projects on time and within budget. Our proven execution capability reinforces client confidence and long-term trust in our services.

Client-Focused Approach

Makhaya Corrosion Control prioritises long term client relationships by delivering cost-effective, reliable & technically sound solutions.

Each project is approached with a focus on understanding client requirements, ensuring tailored execution & measurable performance outcomes.

Makhaya Corrosion Control is dedicated to client satisfaction.



Structure Protection

Sheeting Refurbishment & Replacement

Makhaya Corrosion Control recognises the importance of protecting assets and the environment from corrosive elements and is committed to delivering efficient, cost-effective solutions in a safe and timely manner.



Tank Base Protection

Aboveground storage tanks are exposed to highly corrosive conditions, often resulting in the accumulation of atmospherically deposited salt particles.

Rainwater or moisture runoff from tank walls can transport these deposits to the base, causing corrosion around the tank perimeter, weld seams, lower shell area, & the tank floor.



In addition, base seals installed during construction may deteriorate or become damaged due to tank movement, reducing their effectiveness in preventing corrosion.



Waterproofing

At **Makhaya Corrosion Control**, we provide high-quality, effective waterproofing solutions tailored to client requirements. With extensive experience, we have refined our expertise in torch-on membrane applications. Our team consists of qualified waterproofing specialists skilled in the installation of all types of membrane systems. This enables us to deliver durable, long-term waterproofing solutions that ensure reliable performance and protection.



What is structural protection?

Acid proofing, waterproofing, tank base protection, and mastic protection are specialized forms of industrial protective coatings and corrosion control systems. These techniques protect infrastructure like tanks, factories, and pipelines from chemical degradation, water damage, and environmental erosion through protective barriers.

Mastic Protection

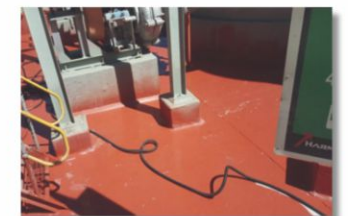
The application of Denso mastic and UV-resistant tape provides effective protection against corrosive elements, including ponding and design-related deficiencies. This method offers a highly practical and cost-effective corrosion protection solution, particularly by reducing repair and maintenance expenses associated with valves and similar components.

Acid Proofing

The rehabilitation and acid-proofing of secondary containment bund walls, as well as the protection of floors and equipment, are designed to withstand highly aggressive solvents, acids, and alkalis. The system comprises solutions that are quick and easy to apply, thereby minimising operational downtime. In addition to providing robust corrosion resistance, the finished application is aesthetically pleasing and represents a cost-effective solution for long-term protection against corrosive environments.

Acid-resistant brick is manufactured from high-quality, high-silica, acid-resistant materials designed to effectively withstand corrosion from high-sulphur products.

It is widely used in electrical, petrochemical, and metallurgical applications, including chimney structures, thermal equipment, flue linings, and other areas exposed to highly corrosive conditions.



Pipeline Refurbishment

Manufacture, Repair & Protection

Makhaya Corrosion Control specialize in the repair, rehabilitation and protection of onshore pipelines in the gas & petrochemical, water, storm water and sewerage sectors.

We service both public and private sector clients from top mining and industrial groups to regional and municipal government.



Specialized expertise in surface preparation, coating & lining application, pipe wrapping, HP cleaning, as well as cladding and lagging, enables **Makhaya** to address, both internal and external, in-situ pipeline repairs and protection.

With ample resources and highly skilled staff we can provide a prompt and efficient service.

- As a coating specialist involved in pipeline refurbishment, **Makhaya Corrosion Control** not only delivers high-quality finished products in accordance with the highest industry standards, but also adds significant value through the provision of comprehensive turnkey services that encompass and oversee the entire fabrication process.
- Our services cover every stage of the project lifecycle, from the collection of raw materials, through the rolling and fabrication of pipes, to the final delivery of completed products to the client. By managing and coordinating all aspects of the process, we provide clients with the assurance that projects will be completed efficiently, on schedule, and in full compliance with required specifications.
- Continuous inspection, detailed reporting, & regular stakeholder feedback ensure transparent, effective communication, & consistent quality control.





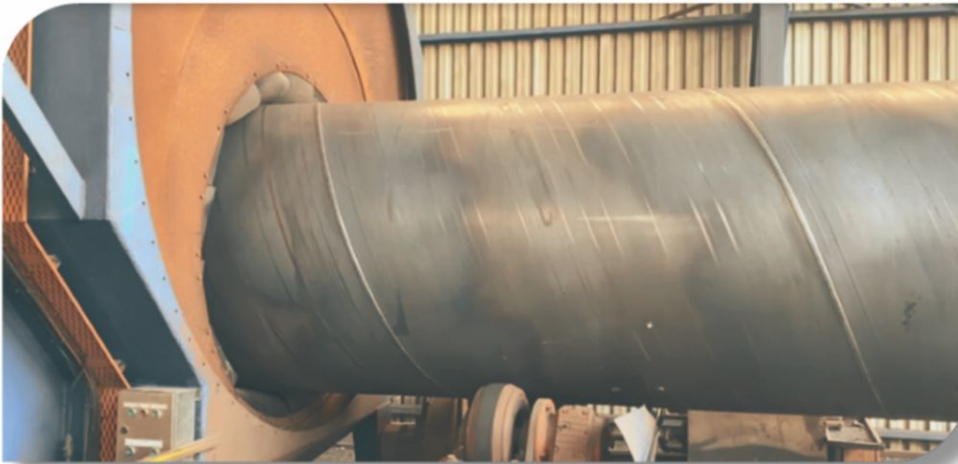
Makhaya Corrosion Control

specialises in the application of advanced pipe & structural coating systems, including tapes, brush- and spray-applied liquid coatings, mastics, and sealants.

These systems are formulated using high-performance materials such as plastics, butyl rubber, petrolatum, bitumen & epoxy resins to deliver long-term corrosion protection and structural integrity across a wide range of industrial applications.



Pipe wrap consists of resin-impregnated fibreglass or PVC tape designed to provide effective surface protection for pipelines and structural components. It is widely used to repair pipe leaks and protect against moisture ingress, corrosion, and abrasion, thereby extending the operational lifespan of critical infrastructure. The polymer-based tape system adheres effectively to fibreglass, concrete, pipes, joints, and elbows, providing a durable and reliable protective barrier in demanding operating environments.



Advantages of Pipewrapping:

- Provides a safe, reliable, and effective solution for the protection of underground pipelines against corrosion and environmental degradation.
- Offers tailor-made systems designed to address specific anti-corrosion and sealing requirements, with solutions developed to accommodate the practical demands and conditions of on-site application.



Sheeting Refurbishment

Roof and Side Sheeting with Components

Makhaya Corrosion Control's Sheeting Division specializes in the refurbishment, repair, and replacement of existing roof and side sheeting across a wide range of industrial and commercial facilities.

Makhaya Corrosion Control's services include the removal and replacement of deteriorated sheeting, refurbishment of existing installations, waterproofing integration, structural preparation, and the installation of new sheeting designed to enhance durability, weather resistance, and overall structural integrity.



Backed by highly experienced and skilled teams, **Makhaya Corrosion Control** possesses extensive expertise in working at heights, fall protection and roofing systems, as well as industrial refurbishment projects.

All operations are executed by qualified, competent & experienced personnel ensuring full compliance with applicable legislative & client safety requirements, industry standards, and project specifications.

