



www.dgc-africa.com



LEADING THE WAY
IN ASSET INTEGRITY MANAGEMENT
& INDUSTRIAL SOLUTIONS



SOUTH AFRICA **ZAMBIA** DEMOCRATIC REPUBLIC OF CONGO **MADAGASCAR** ZIMBABWE **SAUDI ARABIA**



OUR VISION IS TO BE

**THE LEADING ASSET INTEGRITY MANAGEMENT
& INDUSTRIAL SOLUTIONS COMPANY IN AFRICA**
empowering our clients' success through top-tier services
and unwavering commitment.

OUR PURPOSE IS TO DRIVE

**OPERATIONAL EXCELLENCE, PROFITABILITY, &
SUSTAINABLE GROWTH FOR OUR CUSTOMERS,**
fostering enduring partnerships and supporting broader
economic development.



OUR MISSION IS BE THE DRIVING FORCE

**BEHIND OUR CUSTOMERS' JOURNEY TOWARD
OPERATIONAL EXCELLENCE, PROFITABILITY,
AND SUSTAINABLE GROWTH.**

We are dedicated to delivering top-tier asset integrity management and industrial solutions that not only meet but exceed industry standards. Our innovative and cost-effective solutions are meticulously designed to bolster the reliability, efficiency, and safety of our clients' operations.

In doing so, we foster enduring partnerships based on trust, excellence, and unwavering commitment. We believe that by empowering our customers, we contribute to their success and, in turn, support the broader economic development and sustainability of the African continent.

HISTORY

DGC AFRICA'S RICH HERITAGE SPANS OVER A CENTURY OF INDUSTRIAL INNOVATION AND EXCELLENCE.

From its humble beginnings as a local construction firm, the company has continuously evolved to meet the changing needs of industries across Africa and beyond. Under four generations of family leadership, DGC AFRICA has grown into a leading provider of asset integrity management and industrial solutions.

Key milestones:

- Founded in 1910 in South Africa as a construction company
- Entered industrial services with refractory installations in 1928
- Expanded and diversified services throughout the 20th century
- Established DGC AFRICA in 2014, focusing on asset integrity management
- Recent expansions across Africa and into Brazil (2020s)
- 115 years of family leadership, innovation, and adaptation to industrial needs



DGC AFRICA IS CUSTOMER-CENTRIC

WITH THE ADOPTION OF OUR GROUP-WIDE “ONE PERSONALISED SOLUTION”

underpinned by our range of high-quality niche services, with our superior technical expertise, delivery, and customer service.



DGC HAS SINCE THE DATE IT WAS FOUNDED IN 1910
OVER THE PAST 115 YEARS
ESTABLISHED OUR VALUES
AS THE BEDROCK OF OUR CORPORATE CULTURE.



PEOPLE

We hold our exceptional employees to high standards, and we encourage them to continuously strive for excellence.



INTEGRITY

We are driven to do the right thing and surround ourselves with like-minded people.



TRUST

We firmly believe in our employees to act in the best interests of our customers and company.



SERVICE

We are a customer-centric services business. We focus on understanding our customers' needs, ensuring we always meet their expectations.



INNOVATION

We strive to provide our customers with innovative solutions to enhance the service life of their operating assets.



OUR COMMITMENT TO SAFETY

THE 'HEALTH & SAFETY' OF ALL OUR EMPLOYEES IS PRIORITY

*It is an integral part of our business,
and underpins every decision we make
and every action we take across all
our business operations.*

The company operates according to international best practices,

WITH THE GOAL OF ZERO HARM

To all employees, as well as achieving the highest practical
levels of Safety, Health, Environmental, and Quality Control.

ON A DAY-TO-DAY BASIS WE STRIVE

With our employees, customers, and contractors,
Throughout all our facilities, operational worksites and offices,
TO ACHIEVE THE VERY HIGHEST SAFETY STANDARDS.



GLOBAL FOOTPRINT

○ GEOGRAPHIC PRESENCE

● BUSINESS EXPERIENCE



ASSET INTEGRITY MANAGEMENT

Asset Integrity Management (AIM) ensures the technical integrity, operational efficiency, and safety of a wide range of assets from heavy machinery to operational systems, throughout their lifecycle.



ASSET INTEGRITY MANAGEMENT



ONLINE CONDITION MONITORING



OIL ANALYSIS SERVICES

ASSET INTEGRITY MANAGEMENT

Our effective AIM strategies offer a holistic approach to asset management, ensuring assets perform optimally and comply with strict standards, thus safeguarding workers and the environment.



INTEGRATED METALLURGICAL PROCESS ENHANCEMENT
& OPTIMIZATION SOLUTIONS



VISION AI FOR INDUSTRIAL INTEGRITY

FURNACE AND SMELTER SERVICES

At **DGC AFRICA**, we are dedicated to empower our clients to achieve operational excellence, profitability, and sustainable growth.



METALS SMELTING SERVICES



FURNACE REBUILDS & HOTWORK SERVICES



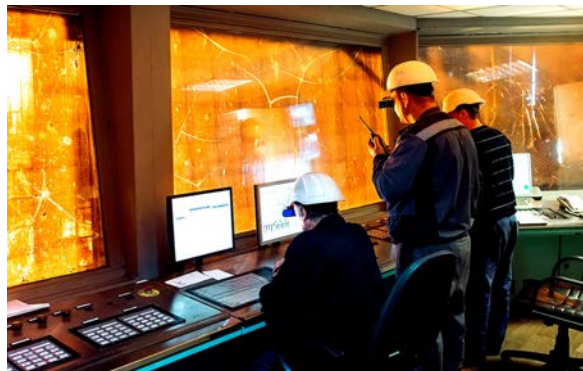
FURNACE DEMOLITION SERVICES



REFRACTORY MATERIALS

FURNACE AND SMELTER SERVICES

Our comprehensive furnace and smelter services are designed to address the unique challenges of heavy industries, including metals smelting, furnace rebuilds, demolition, refractory installation, and precast refractory shapes.



REFRACTORY PERFORMANCE & ASSURANCE SERVICES



FURNACE INSTALLATION



PRECAST REFRACTORY SHAPES

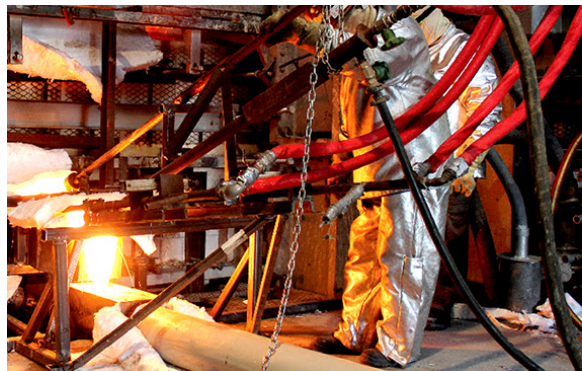


FURNACE INSPECTION SERVICES

FURNACE AND SMELTER SERVICES

Our solutions enhance the reliability, efficiency,
and the safety of our client's operations.

By leveraging our expertise and commitment to quality,
innovation, and cost-effectiveness, we help our clients
maintain a competitive edge in an ever-changing
industrial landscape.

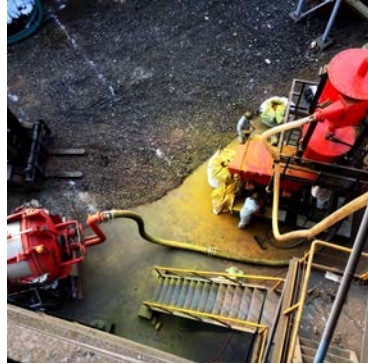


FURNACE HEAT-UP, COOL-DOWN & THERMAL SOLUTIONS

INDUSTRIAL SERVICES

We are committed to providing superior, innovative, and affordable asset integrity management and industrial solutions. Our services are designed to improve the reliability, efficiency, and safety of our clients' operations.

Our services include Catalyst Handling, Industrial Vacuumation, Silo Cleaning Services, and High Pressure (HP) and Ultra High Pressure (UHP) Water Blasting, all of which are tailored to meet the unique challenges faced by industries in mining, metals smelting, mineral processing, and refining.



CATALYST HANDLING



INDUSTRIAL VACUUMATION



SILO CLEANING SERVICES



HP & UHP WATER BLASTING

MECHANICAL ENGINEERING SERVICES

Our comprehensive services span mineral process engineering, detailed design, structural, mechanical, piping, and platework (SMPP), crane hire, heavy lifting, and rotary kilns and vessels services.



MINERAL PROCESS ENGINEERING,
DESIGN & CONSTRUCTION



COMPREHENSIVE DESIGN
& DETAIL ENGINEERING



STRUCTURAL, MECHANICAL, PIPING,
& PLATEWORK (SMPP)



REVERSE ENGINEERING
& RETROFIT SOLUTIONS

By leveraging advanced tools and technologies,
we transform innovative ideas into practical,
production-ready designs, ensuring seamless
project execution and enhanced operational performance.



ROTARY KILN & VESSEL SERVICES



FURNACE MECHANICAL PROJECTS

INDUSTRIAL LININGS

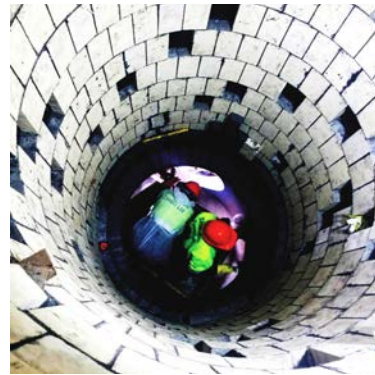
Our comprehensive industrial lining offerings are designed to meet the unique challenges of various industries, including mining, earthmoving, construction, pulp and paper, cement, oil and gas, and food and agriculture.

Our solutions are engineered to minimize downtime, reduce operational costs, and extend the lifespan of critical equipment, ensuring cost-effective productivity and operational efficiency.

We serve diverse industries with tailored solutions that enhance durability, performance, and reliability under harsh conditions.



**WELD OVERLAY, WEAR & ABRASION
PROTECTION SOLUTIONS**



ACID BRICK LININGS



**CERAMIC COMPOSITE -
WEAR, CORROSION & CHEMICAL
PROTECTION SOLUTIONS**

INDUSTRIAL PRODUCTS

Dickinson Industries (Pty) Ltd, a subsidiary of Dickinson Group of Companies has been designing, manufacturing, and installing standard and custom-made high-quality refractory anchors, as well as a wide range of anchor-supporting systems for over 40 years.

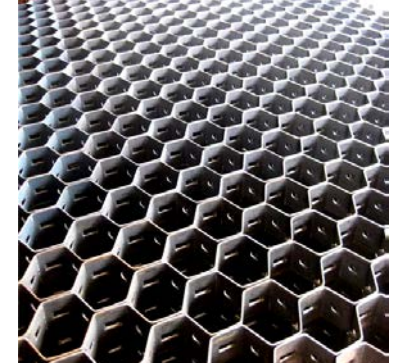
We provide high-quality industrial products that meet the rigorous demands of the mining, metals smelting, and mineral processing industries.



REFRACTORY ANCHORS



STUD WELDING SYSTEMS



REFRACTORY ARMOUR SYSTEMS



SHEAR CONNECTOR STUDS



WEAR STUDS AND SPIKE STUDS



STAINLESS STEEL FIBRES FOR
REFRACTORY APPLICATION

COST

Ability to control operational costs and deliver within budget



QUALITY

Ability to deliver work to expected quality standards



FLEXIBILITY

Ability to react to new requests and requirements



INNOVATION

Ability to develop new and creative solutions that fulfil business needs



SPEED

Ability to complete work quickly and in accordance with expectations



DEPENDABILITY

Ability to deliver projects and outcomes according to expectations



OUR VALUED CLIENTS **& TESTIMONIALS**

TESTIMONIALS



EXCEPTIONAL PERFORMANCE ON REHEAT FURNACE REFRACTORY REBUILD

"We are pleased to commend DGC South Africa for their outstanding work on the Reheat Furnace (RHF) Refractory Rebuild at Columbus Stainless. From start to finish, DGC South Africa demonstrated professionalism, efficiency, and a high level of technical expertise, all of which fully met our expectations.

The project scope included complex demolition, refractory removal, and meticulous installation across multiple furnace zones. Each task required precise coordination and skilled craftsmanship, which DGC South Africa executed competently. The project was delivered on time and within budget, adhering strictly to all specifications and exceeding the standard requirements.

A particularly commendable aspect of DGC South Africa's performance was their commitment to quality and safety. The entire project was completed without any incidents, showcasing their strict alignment with Columbus Stainless's safety protocols and their own rigorous quality and safety standards.

Columbus Stainless values the quality and attention to detail shown by DGC South Africa and looks forward to further collaborations. We confidently recommend DGC South Africa to any organisation seeking dependable, skilled refractory contractors."

Christo Swanepoel - Mechanical Engineer, Hot Mill
Columbus Stainless (Pty) Ltd



DGC AFRICA'S COMMITMENT TO QUALITY AND SAFETY IN REFRACTORY INSTALLATION AT A MAJOR COPPER SMELTER

"I would like to commend DGC AFRICA for the good work they are currently delivering at a major copper smelter. DGC AFRICA is responsible for the complete installation of refractory materials in several critical areas, including the direct-to-blister flash furnace, slag cleaning furnace, and three large anode furnaces. They have also successfully managed refractory installations across all metallurgical equipment, providing support with ancillary works as required.

Their team includes a mix of highly skilled expatriates and locally sourced workers. Additionally, DGC AFRICA's commitment to safety is commendable, having achieved 155 days without any accidents, which highlights their focus on maintaining a safe and efficient work environment. I am confident that they will continue to deliver and complete the project, ensuring the highest quality and in line with the schedule."

Project Manager, Major Copper Mining Operation in Africa

TESTIMONIALS



"Mopani Copper Mines (MCM) commends DGC AFRICA for their exceptional work during our recent Smelter Shutdown. DGC AFRICA managed the demolition of existing bricks and the rehabilitation and installation of new bricks in both the ISA and MSEF Furnaces, effectively addressing an unforeseen hydration issue in the Hearth area that could have led to complications.

With support from their skilled management team and refractory specialists, DGC AFRICA provided timely, professional solutions, adapting swiftly to challenges and ensuring successful project completion within schedule.

The professionalism and commitment of DGC AFRICA, in close collaboration with third-party company Reflect, were greatly valued by MCM management. Their oversight of a large workforce ensured that the project was completed without safety incidents, achieving an impressive 698 Lost Time Injury Free (LTIF) days - a testament to their dedication to safety and technical excellence."

Maambo Chooye - General Manager - Processing

Mopani Copper Mines Plc

GLOBAL REFERENCES

AfriSam
Build with Confidence

 **FERRO**

RioTinto


LafargeHolcim


FIRST QUANTUM
MINERALS LTD.


MOPANI

Consol.
It's good. It's in glass.

ZIMPLATS
Member of the Implats Group

PMC
PALABORA
MINING COMPANY


Sephaku
CEMENT

Powered By

DANGOTE
CEMENT

NORTHAM
PLATINUM LIMITED


SAINT-GOBAIN


Lubambe
Copper Mine
Limited

 **Eskom**

 **Pasar**


BCL
MINING & SMELTING


ArcelorMittal


xstrata


SOUTH32

LONMIN


bhpbilliton BHP

 **AngloAmerican**

HEIDELBERGCEMENT

 **GRANDE CÔTE**
OPERATIONS S.A.

samancor 

GLENCORE


Cargill

PPC
CEMENT




Transalloys

 **Nampak**
packaging excellence

CONCH
CONCH CEMENT

GLOBAL ALLIANCES



ZIMBABWE

Manpower provision and Recruitment Services



SOUTH AFRICA

Asset Management Solutions



INDIA

Product Design & Drawing Services



SWITZERLAND

Specialised on-site Thermal Solutions



SOUTH AFRICA

Industrial Tools & Equipment



SOUTH AFRICA

Engineering Solutions



SOUTH AFRICA

Refractory Performance & Assurance Services



SOUTH AFRICA

Fabrication of Structural Steel and Platework



ZAMBIA

Equipment & Generator Rental Services



SOUTH AFRICA

Artisan Skills Development



THE LEADING ASSET INTEGRITY MANAGEMENT & INDUSTRIAL SOLUTIONS COMPANY IN SUB-SAHARAN AFRICA

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**OVER A CENTURY OF
TRUSTED SERVICE —**
*Committed to Safety, Quality
and On-Time Delivery*