



# ENGINEERING, DESIGN & CONSTRUCTION



**POWERING AFRICA'S FUTURE:  
INNOVATIVE ASSET INTEGRITY AND INDUSTRIAL SOLUTIONS**

[www.dgc-africa.com](http://www.dgc-africa.com)

## MISSION

Our mission is to provide high-quality asset integrity management and industrial solutions to clients across the continent.

We operate with the highest standards of safety, quality, and integrity, building long-term partnerships based on trust, collaboration, and exceptional service. We are committed to making a positive impact on African communities through sustainability and local content development, and strive to support economic development throughout the continent.



## DGC AFRICA'S STRATEGIC FOCUS

With over 50 years of experience in Africa, **DGC AFRICA** has built a strong reputation on the continent. The company's strategic focus is on providing innovative asset integrity management and industrial solutions to a range of industries in Africa, including mining & minerals, metals smelting, sulphuric acid plants, mineral processing, oil & gas, chemical & petrochemical, and power generation.



## PURPOSE

So that our customers can achieve operational excellence, profitable and sustainable growth, we provide high-quality, innovative, and cost-effective asset integrity management and industrial solutions, that enhance reliability, efficiency, and safety.

## 110 YEARS IN BUSINESS



DGC AFRICA IS A MEMBER OF THE DICKINSON GROUP OF COMPANIES

Dickinson Group of Companies (DGC) is a family-owned business that has been operating since 1910, providing top-notch furnace and industrial services. Over the past century, DGC has evolved into a leading provider of Asset Integrity Management & Industrial Services, including Asset Integrity Management, Industrial Linings & Coatings, Industrial Products, Abrasion & Wear Protection Solutions, Engineering Services, and Asset & Risk Management Digitisation Solutions.

DGC has an impressive track record in the market, having established an extensive client base among major mining and metals, mineral processing, and manufacturing industries. The company has built a strong reputation through its emphasis on safety and training, in-house skills, a large staff complement, and strategic partnerships with leading technology partners worldwide.



### OVER THE NEXT 3-5 YEARS, DGC AFRICA WILL EMBARK ON A TWO-PHASE STRATEGIC FOCUS:

**IN PHASE 1** - The company will expand its services in Southern and Central Africa, including Zambia and the Democratic Republic of Congo, by providing innovative asset integrity management and industrial solutions to a variety of industries, while building strong relationships with clients.

**IN PHASE 2** - **DGC AFRICA** will expand its services to West Africa, particularly in Ivory Coast, Ghana, Mali, Burkina Faso, and Guinea, as well as other Anglophone, Francophone, and Portuguese-speaking countries in sub-Saharan Africa, with the aim of becoming a leading provider of asset integrity management and industrial solutions across the continent.

The company will prioritize quality service and strong client relationships, cementing its position as a top service provider to the mining, metals smelting, mineral processing, and large manufacturing industries in sub-Saharan Africa.

### DGC AFRICA'S RANGE OF SPECIALIST SERVICES INCLUDE:

	<b>FURNACE SERVICES</b>	<ul style="list-style-type: none"> <li>Furnace Rebuild Projects</li> <li>Furnace Demolitions</li> <li>Refractory Installations</li> <li>Precast Refractory Shapes</li> <li>Furnace Hotwork Services</li> <li>Furnace Inspection Services</li> </ul>		<b>MECHANICAL ENGINEERING SERVICES</b>	<ul style="list-style-type: none"> <li>Engineering, Design &amp; Construction</li> <li>Structural, Mechanical, Piping &amp; Platework</li> <li>Crane Rental, Heavy Lifting &amp; Transport</li> <li>Furnace Mechanical Projects</li> <li>Rotary Kiln &amp; Vessel Services</li> <li>Onsite Machining Services</li> <li>Conveyor Maintenance Services</li> </ul>
	<b>INDUSTRIAL SERVICES</b>	<ul style="list-style-type: none"> <li>Industrial Vacuumation</li> <li>Catalyst Handling</li> <li>Abrasion, Chemical &amp; Mechanical Resistant Cold-Welding Polymers</li> <li>Online Leak Sealing</li> <li>Storage Tank Repairs</li> </ul>		<b>OUTSOURCED STAFFING SOLUTIONS</b>	<ul style="list-style-type: none"> <li>Outsourcing of skilled workforce for specialized services</li> <li>Access to a diverse pool of qualified professionals</li> <li>Recruitment from a global talent pool</li> <li>Tailored solutions for the mining metals, and other relevant industries</li> <li>Flexible management of workforce and staffing solutions</li> <li>Commitment to quality, safety, and industrial solutions</li> </ul>
	<b>INDUSTRIAL LININGS</b>	<ul style="list-style-type: none"> <li>Corrosion Protection</li> <li>Industrial Acid Proofing</li> <li>Fibreglass Reinforced Plastic (FRP)</li> <li>Rust Inhibitors &amp; Rehabilitation</li> <li>Thermoplastic Polymer Coating</li> <li>Wear Protection Solutions</li> </ul>		<b>ASSET RELIABILITY &amp; CONDITION MONITORING</b>	<ul style="list-style-type: none"> <li>Preventative Maintenance Optimisation</li> <li>Reliability Centered Maintenance</li> <li>NDT &amp; Infrared Thermography</li> <li>Vibration Analysis</li> <li>Oil Analysis</li> <li>Ultrasound</li> </ul>



## ABOUT

**DGC AFRICA** is a leading provider of asset integrity management and industrial solutions company to the mining, metals smelting, and mineral processing industries throughout sub-Saharan Africa. Dickinson Group of Companies was founded in 1910, while **DGC AFRICA** has over 50 years of experience in Africa, has built a strong reputation and proven track record of delivering innovative and cost-effective solutions to its clients on the continent. The company's strategic focus is on providing innovative asset integrity management and industrial solutions to a range of industries in Africa, including mining & minerals, metals smelting, sulphuric acid plants, mineral processing, oil & gas, chemical & petrochemical, and power generation.

**LogiProc** is a leading multidisciplinary engineering firm based in Johannesburg, South Africa, providing engineering, design, and construction solutions to the mining, metals smelting, and mineral processing industries throughout sub-Saharan Africa. The company has over 30 years of experience in the industry, and their team of professionals includes engineers, designers, project managers, and technical advisors who are experts in their respective fields.

**LogiProc** has established itself as a leading player in the industry through their unique approach to project execution, which emphasizes unconventional thinking, flexibility, and a commitment to finding solutions where others see dead ends. The company has a proven track record of delivering high-quality, cost-effective projects on time and on budget, and they pride themselves on their ability to work closely with clients to develop customized solutions that meet their specific needs.

**LOGIPROC'S SERVICES COVERS THE FULL PROJECT LIFECYCLE, FROM PROJECT INITIATION AND DEVELOPMENT TO PROJECT IMPLEMENTATION AND EXECUTION, AND PLANT OPERATION AND MAINTENANCE.**

The company's expertise includes process engineering, material handling, pumping and piping, civil and structural engineering, infrastructure, tailings disposal, electrical, instrumentation and control, and more. **LogiProc** is committed to providing innovative, sustainable, and cost-effective solutions that help their clients achieve their goals and drive the growth and development of the African mining industry.

Partnering with **LogiProc**, a globally active, process-driven, multidisciplinary engineering firm based in South Africa, **DGC AFRICA** provides turnkey engineering, design, and construction solutions to the mining industry.



**LogiProc** brings its core strength in minerals processing and expertise in metallurgy, process engineering, and related fields to the partnership.

**DGC AFRICA and LogiProc** have a shared commitment to delivering high-quality engineering solutions that maximises value for money for clients. With a flexible and unconventional approach, the collaboration is able to find solutions where others may see a dead end.

## ENGINEERING, DESIGN & CONSTRUCTION

**DGC AFRICA**, in collaboration with **LogiProc**, provides turnkey engineering, design, and construction solutions to the mining, metals smelting, and mineral processing industries throughout sub-Saharan Africa.

## INTRODUCTION

**DGC AFRICA** is pleased to announce its collaboration with **LogiProc**, a South African based, globally active, process driven, multidisciplinary engineering firm. Our partnership provides engineering, design, and construction solutions to the mining, metals smelting, and mineral processing industries throughout sub-Saharan Africa.

At **DGC AFRICA**, we are committed to delivering high-quality asset integrity management and industrial solutions and services to our clients. Our collaboration with **LogiProc** allows us to expand our capabilities and provide our clients with a wider range of expertise and resources. With **LogiProc's** extensive experience in minerals processing and brownfields projects, combined with our expertise in mining, we are able to offer comprehensive solutions to our clients from project initiation through to plant operation and maintenance.

Together, we offer conceptual, pre-feasibility and bankable feasibility studies, engineering and design, project management, procurement, construction management, commissioning, and plant operation and maintenance services. We are comfortable working as an independent engineering house or as part of the client's project team, and can execute all or some of the project activities using any of the standard contracting methodologies including EPC, EPCM, LSTK, BOO, BOOT, or any variations thereof.

Our collaboration allows us to leverage our combined experience and capabilities to deliver cost-effective, fit-for-purpose solutions, with quality and safety at the forefront. We are committed to providing our clients with the best possible solutions to meet their unique project requirements and look forward to working with you.



The partnership between **DGC AFRICA** and **LogiProc** provides clients with a comprehensive suite of services, including technical solutions, project management, engineering and design, procurement, construction management, commissioning, and plant operation and maintenance. With expertise in both greenfields and brownfields projects, the collaboration is able to execute complete multidisciplinary engineering projects for, or on behalf of clients, using any of the standard contracting methodologies including EPC, EPCM, LSTK, BOO, BOOT, or any variations thereof.

At **DGC AFRICA** and **LogiProc**, the focus is on delivering services that are synonymous with quality, professionalism, and excellence. The collaboration's reputation and track record is testament to its client-orientated, flexible, and relationship-driven approach.



## 5 REASONS TO PARTNER WITH DGC AFRICA & LOGIPROC



### COMPREHENSIVE SERVICES

By partnering with **DGC AFRICA** and **LogiProc**, you gain access to a complete range of turnkey engineering, design, and construction solutions tailored to the mining, metals smelting, and mineral processing industries throughout sub-Saharan Africa.



### EXPERIENCE AND EXPERTISE

Both **DGC AFRICA** and **LogiProc** have extensive experience and expertise in their respective fields, allowing them to deliver high-quality, innovative solutions that meet the unique needs and challenges of your project.



### COLLABORATIVE APPROACH

**DGC AFRICA** and **LogiProc** take a collaborative approach to projects, working closely with clients to ensure that their needs and expectations are met every step of the way.



### FLEXIBILITY AND ADAPTABILITY

Both companies pride themselves on their flexibility and adaptability, enabling them to find creative solutions and workarounds where others may see dead ends.



### SAFETY AND SUSTAINABILITY

**DGC AFRICA** and **LogiProc** are committed to upholding the highest standards of safety and sustainability in all their projects, ensuring that your project not only meets your immediate needs but also supports a brighter future for your business and the wider community.

## INDUSTRIES

**LogiProc** specializes in providing engineering, design, and construction solutions to the mining, metals smelting, and mineral processing industries. Our team of multidisciplinary engineers, including Chemical, Metallurgical, Mechanical, Electrical, Instrumentation, Civil, and Structural, has extensive knowledge and experience in the design, construction, and commissioning of metallurgical and process plants.

We have a deep understanding of unit operations such as Stockpiling & Reclaiming, ROM Handling, Crushing, Screening, Milling, Gravity Separation, Flotation, Leaching, Adsorption, Elution, Gold Smelting, Dense Media Separation (DMS), Thickening, Filtration, Magnetic Separation, and other solids de-watering processes.

Our mineral knowledge spans the spectrum, with specific competence in Gold, Copper & Cobalt, Diamonds, Base Metals, Rare Earths, Coal, and Lithium. We also offer services in water and effluent treatment, operations and maintenance, and infrastructure.

**LogiProc's** reputation is built on our client-oriented, flexible, and relationship-driven approach. We are committed to maximizing value for money for our clients, both in terms of the services we provide and the plants we design and construct. Our track record speaks to our expertise and ability to deliver world-class processing plants in a safe, sustainable, and



## ENGINEERING SERVICES

### PROJECT INITIATION & DEVELOPMENT

LogiProc's expertise in project initiation and development sets the foundation for successful engineering solutions. We collaborate with our clients from the conceptual stage through to pre-feasibility and bankable feasibility stages and up to implementation.

Our team of professionals offers a range of engineering services, including:

- Conceptual/scoping studies
- Desktop feasibility costings
- Pre-feasibility and bankable feasibility studies
- Classed costing studies
- Study management
- Test work scoping and management
- Conceptual flow sheet, mass balance, and plant layouts
- CapEx and OpEx estimating
- Due diligence
- Support for the financing process

**OUR FLEXIBILITY AND UNCONVENTIONAL THINKING ENABLE US TO FIND SOLUTIONS WHERE OTHERS MAY SEE A DEAD END. WHETHER LEADING THE STUDY OR OPERATING AS PART OF THE CLIENT'S TEAM, WE ARE COMFORTABLE AND CAPABLE OF DELIVERING HIGH-QUALITY AND COST-EFFECTIVE SOLUTIONS.**



### CONCEPTUAL/SCOPING STUDIES

LogiProc's Conceptual/Scoping Studies involve a collaborative approach with clients from the initial stages of project development. Our team of experts carries out a detailed evaluation of the project, taking into consideration site selection, mineral or resource identification, project objectives, and key performance indicators. We analyse the technical and financial feasibility of the project and assess any potential environmental, regulatory, or social impact that may arise.

**OUR GOAL IS TO PROVIDE CLIENTS WITH A COMPREHENSIVE UNDERSTANDING OF THE PROJECT'S POTENTIAL OUTCOMES, IDENTIFY POTENTIAL RISKS, AND PROPOSE MITIGATION MEASURES TO ENSURE THE PROJECT'S SUCCESS.**

The results of the Conceptual/Scoping Studies provide the foundation for Pre-feasibility and Bankable Feasibility Studies, which we offer as part of our comprehensive engineering services.



### PRE-FEASIBILITY & BANKABLE FEASIBILITY STUDIES

In addition to providing Conceptual/Scoping Studies, LogiProc also offers pre-feasibility and bankable feasibility studies to assess the technical, economic, and financial viability of projects. During the pre-feasibility stage, the team examines the technical aspects of the proposed project, such as the site location, infrastructure requirements, and potential environmental impact. The bankable feasibility study goes further and provides a detailed financial analysis, including capital and operating costs, financing requirements, and projected return on investment.

**THESE STUDIES ARE CRITICAL FOR INVESTORS AND STAKEHOLDERS TO MAKE INFORMED DECISIONS ABOUT A PROJECT'S VIABILITY AND POTENTIAL FOR SUCCESS.**

By conducting these comprehensive evaluations, LogiProc provides clients with the necessary information to determine the best options available and decide whether or not to proceed with the project.





## DETAIL ENGINEERING & DESIGN PACKAGES

**LogiProc** provides multidisciplinary engineering and design services covering all aspects of project design, including process, mechanical, piping, civil, structural, instrument, electrical, and control engineering, using the latest CAD technology and 3D modelling software. Detail Engineering & Design Packages involve developing detailed engineering drawings, specifications, and other documentation necessary for the construction and commissioning of a project.

**LOGIPROC'S MULTI-DISCIPLINARY TEAM OF ENGINEERS AND DESIGNERS USE THE OUTPUT FROM THE PREVIOUS STAGES TO DEVELOP THE DETAILED DESIGN PACKAGE, WHICH INCLUDES DETAILED SPECIFICATIONS FOR ALL EQUIPMENT AND COMPONENTS REQUIRED FOR THE PROJECT, AND DETAILED DRAWINGS FOR ALL SYSTEMS.**

**LogiProc's** designs are completed in 3D, minimizing site changes during construction, and its document control system ensures that all documentation is managed and controlled efficiently.

## PROJECT & CONSTRUCTION MANAGEMENT

**LogiProc** provides project and construction management services that encompass planning, scheduling, and cost control to ensure projects are delivered on time, within budget, and to the desired quality standards. Our team works closely with clients to establish project objectives, manage project schedules, budgets, and resources while coordinating multiple teams of experts across different disciplines.

**OUR PROJECT MANAGER OVERSEES THE OVERALL DIRECTION, COORDINATION, AND EXECUTION OF THE PROJECT, AND IS RESPONSIBLE FOR MANAGING PROJECT RISKS AND QUALITY CONTROL.**

We use proven methodologies and tools, such as Gantt charts and resource allocation, to ensure projects are delivered on time and within budget. Our Construction Management team is responsible for managing all aspects of the construction process, including site preparation, material procurement, and construction supervision, to ensure projects are completed safely, efficiently, and effectively.

## PLANT OPERATIONS

**LogiProc** provides plant operation services to clients, ensuring the best possible recovery and throughput from installed equipment while prioritizing safety, health, environmental, and quality responsibilities. Their team of engineers and operators ensures that plants are managed intelligently and effectively.

**LOGIPROC PROVIDES FLEXIBLE OPERATING AND MAINTENANCE SOLUTIONS TAILORED TO EACH SPECIFIC PROJECT, ACCOMMODATING BROWNFIELDS PROJECT CHALLENGES.**

Their operating team ensures the best possible performance from the plant while minimizing downtime and maximizing productivity, providing ongoing support for plant maintenance, process optimization, and efficiency improvement. With **LogiProc's** plant operation services, clients can rest be assured that their plants are running at optimal performance, maximizing productivity and profitability.

In addition to these engineering services, **LogiProc** also provides consulting and technical advice to clients. The team can assist with test work scoping and management, conceptual flow sheet, mass balance, and plant layouts, CapEx and OpEx estimating, due diligence, and support for the financing process.



## PROJECT IMPLEMENTATION & EXECUTION

As part of its turnkey engineering, design, and construction solutions, DGC AFRICA and LogiProc offer a wide range of project implementation and execution services. These services are designed to ensure that projects are completed on time, within budget, and to the highest possible standards of quality and safety.





## PROJECT MANAGEMENT

Project management is a critical aspect of any successful engineering project. At **LogiProc**, the project manager plays a crucial role in ensuring that the project is executed according to the client's requirements and expectations. The project manager is responsible for coordinating and managing the project team, including engineers, designers, and other professionals. They work closely with the client to establish project objectives, determine project scope, and manage project schedules, budgets, and resources.

**LOGIPROC'S PROJECT MANAGEMENT SYSTEMS ARE BASED ON THE PRINCIPLES EMBODIED IN THE WELL-KNOWN PMBOK GUIDELINES.**

The project manager oversees all aspects of the project, including project planning and cost control, to ensure that the project is delivered on time, within budget, and to the highest possible standard. They also identify and manage project risks and implement quality control measures to ensure that the project meets or exceeds the client's expectations.

## ENGINEERING & DESIGN

**LogiProc's** engineering and design team provides comprehensive solutions in project management, engineering, and design. The team comprises multi-disciplinary experts, including process, mechanical, piping, civil, structural, instrument, electrical, and control engineers. They utilize the latest technology and software to ensure high-quality designs and project delivery.

**THE TEAM UTILIZES THE LATEST COMPUTER-AIDED DESIGN (CAD) TECHNOLOGY AND 3D MODELLING SOFTWARE TO PROVIDE DETAILED DESIGNS, SPECIFICATIONS, AND OTHER NECESSARY DOCUMENTATION FOR THE CONSTRUCTION AND COMMISSIONING OF THE PROJECT.**

**LogiProc's** designs are completed in 3D, which helps detect clashes between different systems and minimizes site changes during construction.

**LogiProc's** document control system ensures that all documentation is managed and controlled according to industry standards and client requirements. The company's document controllers are familiar with using client-specified systems and procedures, as well as LogiProc's own in-house document control system.

## PROCUREMENT

**LogiProc's** procurement process is tailored to meet the unique needs of each execution project. The company has established strong relationships with reputable suppliers and can source the best products and fabrication/construction services from anywhere in the world. To ensure efficient procurement, **LogiProc** develops a project-specific procurement strategy that utilizes its standard procurement systems as a base.

**THE PROCUREMENT TEAM IS SUPPORTED BY APPROPRIATE EXPEDITING, QUALITY ASSURANCE/CONTROL, AND LOGISTICS SUPPORT TO ENSURE THAT MATERIALS AND EQUIPMENT ARE DELIVERED ON TIME, MEET THE REQUIRED SPECIFICATIONS, AND ARE OF HIGH QUALITY.**

By utilizing their extensive network of suppliers and developing customized procurement strategies, **LogiProc** ensures that execution projects are completed on time and within budget.

## CONSTRUCTION MANAGEMENT

**LogiProc's** Construction Management team is responsible for ensuring that the construction phase of a project is completed efficiently, effectively, and to the highest possible standard. They work closely with the client to ensure that the construction process is managed intelligently, prioritizing safety, health, environmental, and quality (SHEQ) issues. The team is skilled in coordinating multiple teams of experts across different disciplines, including civil, structural, mechanical, electrical, and instrumentation, to ensure that construction projects are completed on time and within budget.

**LOGIPROC'S CONSTRUCTION MANAGEMENT TEAM IS RESPONSIBLE FOR OVERSEEING ALL ASPECTS OF THE CONSTRUCTION PROCESS, INCLUDING SITE PREPARATION, MATERIAL PROCUREMENT, SITE MOBILIZATION, CONSTRUCTION SUPERVISION, AND SITE DEMOBILIZATION.**

They work closely with the client to ensure that the construction phase of the project is completed to their satisfaction, and that all relevant safety, health, environmental, and quality standards are met. **LogiProc's** team is experienced in coordinating complex projects of this nature, ensuring that all construction projects are delivered on time, within budget, and to the satisfaction of the client.



## COMMISSIONING

Commissioning is a crucial stage in the lifecycle of any processing plant. At **LogiProc**, we understand that project-specific process and control knowledge is essential for efficient commissioning. Our lead project process engineer takes on the role of commissioning manager, utilizing our well-developed commissioning systems, and is supported by our design team to minimize commissioning time.

**OUR COMMISSIONING PROCESS INVOLVES A THOROUGH REVIEW OF THE PLANT'S TECHNICAL AND ENGINEERING SPECIFICATIONS TO ENSURE THAT ALL SYSTEMS ARE CORRECTLY INSTALLED, AND THAT THEY OPERATE AS INTENDED.**

Our commissioning team works closely with the client to ensure that all systems are commissioned in accordance with the agreed-upon schedule and that all relevant safety, health, environmental, and quality standards are met.

During commissioning, our team conducts tests to ensure that all equipment is operating as intended and that the plant is producing the required output. Once commissioning is complete, we provide training to the client's staff to ensure that they are familiar with the plant's operation and maintenance requirements.

At **LogiProc**, our goal is to ensure that our clients' processing plants are commissioned efficiently and effectively, and that they are fully operational as quickly as possible.



## CONTRACTING MODELS

**LogiProc** provides complete multidisciplinary engineering solutions for clients, either as an independent engineering company or as part of the client's project team. They can execute all or some of the project activities listed above, depending on the client's needs.

**LOGIPROC HAS EXPERIENCE IN EXECUTING GREENFIELD AND BROWNFIELD PROJECTS USING STANDARD CONTRACTING METHODOLOGIES SUCH AS EPC, EPCM, LSTK, BOO, BOOT, OR ANY VARIATIONS THEREOF.**

They are comfortable working with any contracting models that suit the client's requirements. With their expertise, **LogiProc** can provide tailored engineering solutions that meet the client's specific needs and ensure the project's success.



## NICHE SERVICES

**LogiProc** offers niche services in specialized areas of engineering and project execution.

### BROWNFIELD SPECIALISTS

**LogiProc** specializes in designing and constructing process plants within a working plant environment, known as brownfields. The company has developed a unique approach to minimize existing plant production losses and maximize plant productivity, given the project-specific circumstances. Their engineers and designers are trained to accommodate these specific brownfields project challenges and have the experience and capabilities of undertaking complex projects of this nature.

### ICMI IMPLEMENTATION ASSISTANCE

**LogiProc** has experience in designing and constructing (or modifying existing) Cyanide handling and dosing plants that comply with the "International Cyanide Management Code for The Manufacture, Transport and Use of Cyanide in the Production of Gold" as published and managed by the International Cyanide Management Institute (ICMI). The company can also assist with preparations for the required technical audits by the ICMI.

### CYANIDE DETOX

**LogiProc** has extensive experience in the field of Cyanide Detoxification (Cyanide Detox), which aims to reduce the Cyanide concentration within the tailings discharge, to ensure safe operations for employees and the environment. The methods of achieving this entails various destruction or dilution options, and **LogiProc** offers feasibility studies and implementation projects to achieve this.

### AMD AND MINING EFFLUENT TREATMENT

**LogiProc** specializes in the treatment of Acid Mine Drainage (AMD) as well as general mining and industrial effluent, offering a range of different solutions including Ion Exchange, Membrane Filtration, High-Density Sludge (HDS) with final water polishing, and the Potassium Nitrate Ex-Waste (KNeWTM) process.

### KNEWTM PROCESS

**LogiProc** is the engineering partner for the developer of the patented and award-winning KNeWTM (Potassium Nitrate Ex-Waste) process, which is used to treat AMD and other mining/industrial effluent streams. The technology utilizes ion exchange and well-known industrial chemical processes to clean the water and turn the waste into valuable, saleable products. The process is flexible and can be configured to produce a number of different products, with high commercial value, Zero Liquid Discharge, minimized solid waste, and high-water recovery.





## CAPABILITY STATEMENT

As a leading provider of turnkey engineering, design, and construction solutions to the mining, metals smelting, and mineral processing industries throughout sub-Saharan Africa, **DGC AFRICA** and **LogiProc** have established a strong reputation for delivering high-quality projects on time and within budget.

Our capabilities include conceptual and scoping studies, pre-feasibility and bankable feasibility studies, detail engineering and design packages, project and construction management, plant operations, and niche services such as brownfields engineering, ICMI implementation assistance, cyanide detox, and AMD and mining effluent treatment.

With a multi-skilled engineering and design team, supported by state-of-the-art CAD software and a robust document control system, we are well-equipped to handle projects of any size and complexity.

We are committed to providing cost-effective and fit-for-purpose solutions while ensuring the safety and health of our employees, contractors, and the environment. Our partnership with **DGC AFRICA** further strengthens our ability to deliver innovative and sustainable solutions to the mining and mineral processing industry.

**CHOOSE DGC AFRICA AND LOGIPROC FOR YOUR NEXT PROJECT  
AND EXPERIENCE OUR UNMATCHED EXPERTISE, RELIABILITY,  
AND COMMITMENT TO EXCELLENCE.**



# THE LEADING ASSET INTEGRITY MANAGEMENT & INDUSTRIAL SOLUTIONS COMPANY IN AFRICA





## DGC AFRICA

DICKINSON COPPERBELT SERVICES LTD  
DGC AFRICA (DRC) S.A.S.  
DGC WORKFORCE SOLUTIONS  
DGC PROCUREMENT SOLUTIONS  
SARENS DGC S.A.S. (DRC)

### ZAMBIA

T +260 76 183 2470  
T +260 96 676 1382  
T +260 76 395 6547  
E sales@dgc-africa.com

Plot 2394, Freedom Way, Mufulira

### DRC

T +243 89 342 9009  
T +260 96 676 1382  
T +260 76 395 6547

199 Avenue Mubanzo Quartier Golf Malela,  
Commune Lubumbashi,  
Province du Haut-Katanga

## DGC SOUTH AFRICA

DICKINSON FURNACE SERVICES (PTY) LTD  
DICKINSON INDUSTRIES (PTY) LTD  
DGC INDUSTRIAL INNOVATIONS (PTY) LTD

T +27 (0) 16 421 3720  
F +27 (0) 16 422 1038  
E sales@dgrpint.com  
[www.dgrpint.com](http://www.dgrpint.com)

10 Smuts Avenue, Vereeniging, 1930, South Africa

## DGC INTERNATIONAL

DGC HOLDINGS INTERNATIONAL LTD  
DGC AFRICA INTERNATIONAL LTD  
DGC LATAM (Brazil)

T +230 403 2500  
E sales@dgrpint.com

2nd Floor, The AXIS, 26 Bank Street,  
Cybercity, Ebene, 722201, Mauritius