

COMPANY PROFILE

JAINEX COMPANY LIMITED

Engineering • Water Resources • Environment Services

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1. INTRODUCTION & COMPANY BACKGROUND

Jainex Company Limited (hereinafter "Jainex") is a Tanzanian private limited liability company incorporated under the Companies Act, 2002 (Cap. 212) by the Business Registrations and Licensing Agency (BRELA), bearing Certificate of Incorporation No. 193472966. The company is 100% Tanzanian-owned and provides professional Engineering and Environmental consultancy services.

Jainex was founded and is led by PEng. Jastine Martin Kalemile, a Registered Water Resources and Irrigation Engineer (PE No. 9466) and Approved Professional Personnel (APP No. 0068) for Water Dams and Tailings Storage Facility work. With over eight years of practical experience, Jainex was established to deliver specialized services in water resources engineering, mining infrastructure support, and environmental management systems across Tanzania and East Africa. Headquartered in Dodoma, Tanzania's capital, Jainex is positioned to serve government institutions, mining companies, development partners, NGOs, and private sector clients across Tanzania and the East African region. The company's operational model is built on three pillars: technical credibility backed by registered professionals, field-proven solutions from real project experience, and full regulatory compliance with national and international standards.

Compliance, Fairness & Transparency

Compliance, fairness, and transparency are the backbone of Jainex operations, embedded in all day-to-day activities through policies and procedures covering: Code of Ethics & Conduct (human rights, anti-bribery, anti-corruption); Employment policies (anti-child employment, grievance management, non-discrimination); Safety & Occupational Health; Quality Control & Assurance; Financial Management & Tax compliance; and Professional Indemnity coverage for all technical staff.

2. OUR MISSION

Our mission is to deliver high-quality, client-focused and sustainable engineering and environmental solutions that create lasting value for our clients, communities, and the environment.

To achieve this, we are committed to:

- Providing the right technical expertise at the right time to maximize our clients' business and development potential.
- Developing our business through client satisfaction, appropriate technologies, and strong strategic partnerships.
- Valuing individual expertise and teamwork, where professionals share knowledge freely and care about each other's growth.
- Striving for excellence and aiming to exceed client terms of reference by encouraging ambition and initiative in our team.
- Making innovation a fundamental principle — constantly improving our processes, tools, and service delivery.
- Retaining our competitive edge through ongoing professional development, training, and investment in technical capacity.

3. OUR VISION

“To become a leading multi-sector engineering, Environmental and Water Resources consultancy firm in East Africa — recognized for technical excellence and integrity, delivering the most appropriate, safe, and sustainable solutions for each client.”

4. OUR CORE VALUES

Integrity	Professionalism	Innovation	Sustainability	Accountability
<i>Straightforward in all dealings with clients, partners, and employees.</i>	<i>Delivering professionally rigorous, precise, and technically sound outputs on every project.</i>	<i>Constantly improving methods, tools and approaches to solve complex engineering challenges.</i>	<i>Embedding environmental and social responsibility at every stage of our work.</i>	<i>Owning our results; transparent reporting, ethical conduct, and full compliance.</i>

5. COMPANY REGISTRATION & LEGAL STANDING

Company Name	JAINEX COMPANY LIMITED
BRELA Reg. No.	193472966 — Certificate of Incorporation, Section 15, Companies Act 2002
Registering Authority	Business Registrations & Licensing Agency (BRELA), Tanzania
Legal Form	Private Company Limited by Shares — Companies Act, 2002 (Cap. 212)
ERB Registration	Engineers Registration Board — PE No. 9466 (Principal Engineer: Eng. Jastine Kalemile)
APP Certification	Ministry of Water — Approved Professional Person No. 0068 (Dams & TSF)
Ownership	100% Tanzanian-Owned
Registered Office	P.O. Box 1709, Dodoma, Tanzania

6. COMPANY PRODUCTS / SERVICES

Jainex Company Limited delivers services across three integrated divisions — Engineering Services, Environmental Services, and Environmental Systems — providing clients with a comprehensive, one-stop consultancy solution from planning and design through to implementation, monitoring, and closure.

ENGINEERING SERVICES	ENVIRONMENTAL SERVICES
Dam & TSF design, construction supervision, inspection, management and closure. Water supply systems. Groundwater investigations. Flood modelling. Geotechnical investigations. Waste & wastewater management design. Supply of Construction Materials.	Environmental & Social Impact Assessment (ESIA/EIA/SEA). Environmental auditing & compliance. Stakeholder engagement & social management. Resettlement Action Plans (RAP). Biodiversity & ecological studies. Climate change advisory.

7. DIVISION OF ENGINEERING SERVICES

Tailings Storage Facility (TSF) Design, Construction, Management & Closure

Jainex holds a rare and government-certified designation as an Approved Professional Person (APP No. 0068) by the Ministry of Water of Tanzania — one of a limited number of firms and individuals authorized to undertake TSF design, construction supervision, management, and closure. Our Principal Engineer has been directly engaged in TSF work across multiple active mining operations in Tanzania.

As part of TSF engagements, Jainex provides:

- Topographical survey and site characterization
- Hydrological and hydrogeological study

- Geotechnical and geochemical investigation
- Dam break risk assessment and emergency preparedness planning
- TSF stability and seepage analysis using GeoStudio, Slide2, GMS/FEFLOW
- Construction supervision, liner installation testing, and operational monitoring
- TSF closure planning, post-closure monitoring, and site relinquishment

Additional Engineering Services:

Geotechnical investigations | Waste rock dump design | Air quality measurement, analysis & modelling | Hydrology and hydrogeology modelling | GIS mapping and environmental spatial analysis | Water supply and treatment plant design | Independent project management | Mine plan development | Engineers sanitary landfill design | Environmental mapping using GIS software | Supply of Construction Materials.

8. DIVISION OF ENVIRONMENTAL SERVICES

Environmental Planning & Impact Assessment (EIA/ESIA/SEA)

Jainex delivers comprehensive Environmental and Social Impact Assessments in compliance with the National Environmental Management Council (NEMC) framework and international standards including IFC Performance Standards, World Bank ESF, and Equator Principles. Our team includes personnel experienced in obtaining project approvals under national and regional government processes in Tanzania and East Africa.

Our Environmental Services include:

- Environmental and Social Impact Assessment (ESIA/EIA/SEA/SIA)
- Environmental baseline ecological and biodiversity studies (flora, fauna, aquatic, terrestrial)
- Environmental performance reporting and management systems
- Risk assessment and public involvement / stakeholder consultations
- Construction Environmental Management Plans (CEMP)
- Environmental compliance auditing and due diligence
- Environmental incident investigation and contaminated site remediation
- Social Management Plans, Corporate Social Responsibility Plans
- Resettlement Action Plans (RAP) and Livelihood Restoration compliant with IFC Guidelines and World Bank OP 4.12
- Site Closure Plans and post-closure monitoring
- Environmental and Social Monitoring Plans
- Legal register development and impact register management
- Scoping reports and terms of reference for environmental studies

Compliance & Auditing

Jainex provides rigorous environmental compliance auditing services. Our approach is constructive and practical — not fault-finding, but identifying actionable improvements. Our audit reports are designed to be comprehensive, clear, and easy to implement.

- Environmental compliance audits and due diligence assessments
- Annual and periodic environmental performance audits
- Regulatory compliance reviews against national and international requirements
- Public involvement and multi-stakeholder consultation processes

Stakeholder Engagement & Social Management

Jainex has strong expertise in community engagement and social impact management. Using nationally and internationally recommended techniques, our social team manages stakeholder consultation, public awareness campaigns, and social impact assessment. We prepare Resettlement Action Plans (RAP) aligned with Tanzania's National Land Act, IFC Guidelines, and World Bank OP 4.12.

9. TECHNICAL COMPETENCIES & SOFTWARE TOOLS

Engineering Design & Analysis	Environmental & Field Services	Software & Modelling Tools	Project & Quality Management
<ul style="list-style-type: none"> Dam design, safety inspection & rehabilitation TSF planning, design, supervision & closure (APP certified) Water resources & irrigation engineering Hydrological simulation & flood modelling (HEC-RAS) Civil, structural & geotechnical engineering Water supply & sanitation systems design Cost estimation & quantity surveying Design and installation of Hydrometric and Meteorological station 	<ul style="list-style-type: none"> EIA / ESIA / SEA / SIA assessments Environmental auditing & compliance monitoring Groundwater management & borehole supervision Water quality analysis & sampling TSF monitoring, inspection & mine closure plans Topographical, levelling & geophysical surveys Automated weather station calibration & management 	<ul style="list-style-type: none"> GeoStudio SEEP/W, Seepage & Groundwater Modelling GeoStudio SLOPE/W, Slope Stability Analysis AutoCAD Civil 3D, Engineering Design & Drafting ArcGIS, QGIS & ArcHydro, GIS & Spatial Analysis ERDAS, Remote Sensing & Image Processing HEC-RAS, Flood & Hydraulic Modelling EPANET, Water Distribution Modelling 	<ul style="list-style-type: none"> QMS & QA/QC implementation Construction supervision & HSE management Environmental & Social Management Plans Hydrometric station design, installation & commissioning (SEBA RADAR SENSOR) Operation & Maintenance Manuals preparation Independent Project Management

10. PROJECT EXECUTION PROFILE

Jainex handles a variety of projects across multiple technical disciplines and client categories. To ensure quality delivery and excellent client service, Jainex adopts a structured project execution framework for every engagement. Each project is led by a Project Manager (Lead Consultant) supported by relevant technical experts. The minimum project team structure is as follows:

Role	Responsibility
Project Manager (Lead Consultant)	Overall project leadership, client interface, delivery, schedule and budget control.
QAQC / Reviewer (Lead/Senior Consultant)	Technical review, quality control and assurance at all project stages.
Subject Matter Experts (Senior Consultants)	Specific technical disciplines: dam engineering, environment, geology, hydrology, GIS, sociology, etc.
Project Administrator	Documentation, scheduling, reporting, logistics and administrative support.
Subject Matter Associates	Field data collection, monitoring, surveys, sampling and junior technical support.

11. KEY PERSONNEL PROFILES

The following are the key professionals leading Jainex Company Limited, supported by a growing team of specialists in water resources engineering, environmental science, occupational health & safety, GIS/surveying, and project management. CVs and professional certificates of all personnel are available on request.

PEng. Jastine Martin Kalemile

Managing Director | Jainex Company Limited

Registered Professional Engineer — PE No. 9466 (ERB Tanzania) | APP No. 0068 — Ministry of Water

Biography

PEng. Jastine Kalemile is a Registered Water Resources and Irrigation Engineer accredited by the Engineers Registration Board (ERB) of Tanzania (Reg. No. 9466) and an Approved Professional Personnel (APP) under the Ministry of Water (Reg. No. 0068). He is the Founder and Managing Director of Jainex Company Limited, delivering specialized services in water resources engineering, mining infrastructure support, and environmental management systems. His core technical competencies include Tailings Storage Facility (TSF) design, earth embankment dams, seepage and slope stability modelling, hydrological and hydrogeological assessments, river training works, and water abstraction system design. He has led multidisciplinary assignments for government institutions, basin water boards, mining companies, and private developers across Tanzania — spanning TSF engineering design and safety

Qualifications & Credentials

- BSc. Water Resources & Irrigation Engineering (2015–2019)
- Ordinary Diploma in Hydrology & Meteorology (2012–2015)
- Registered Professional Engineer — PE No. 9466 (ERB Tanzania)
- Approved Professional Person — APP No. 0068 (Ministry of Water)
- GeoStudio SEEP/W & SLOPE/W (Seepage & Stability Analysis)
- AutoCAD Civil 3D — Engineering Design & Documentation
- ArcGIS — GIS, Spatial Analysis & Mapping
- HEC-RAS — Flood Modelling (MoW CoE Training, Singida)

<p>evaluations, hydrometric station installations, groundwater investigations, bathymetric surveys, and dam inspection programs. His design approach aligns with ANCOLD, ICOLD, and Tanzania Dam Safety Guidelines. He applies GeoStudio (SEEP/W & SLOPE/W), ArcGIS, and AutoCAD Civil 3D to produce technically robust and regulator-ready outputs. As Managing Director of Jainex Company Limited, he provides strategic leadership in technical project execution, quality assurance, institutional liaison, and innovation in water and mining engineering solutions.</p>	<ul style="list-style-type: none"> • Dam Safety Guideline Training — Ministry of Water, Mwanza • TSF Surveillance Training — BUZWAGI Gold Mine, Kahama • GIS & Remote Sensing Training — Ardhi University, DSM • Integrated IWRM & Climate Change — MoW CoE, Mwanza • QMS Internal Auditor — Ministry of Water / TMA • Standards: ANCOLD ICOLD Tanzania Dam Safety Guidelines
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<p>Haidary Hakam <i>Operations and Technology Officer Jainex Company Limited</i> Operational Management Project Delivery & Performance</p>	
<p>Biography Haidary Hakama is the Chief Operations and Technology Officer of Jainex Company Limited, bringing a strong blend of strategic leadership and operational expertise. With years of industry experience, he oversees the day-to-day operations of the company, ensuring that all projects are delivered efficiently, safely, and to the highest professional standards. Haidary is known for his results-driven approach, his commitment to innovation, and his ability to lead and inspire high-performing teams. In his role, he is responsible for translating the company's strategic vision into practical operational frameworks, optimizing workflows, and maintaining quality standards across all service divisions. He works closely with the Managing Director and technical leads to ensure client satisfaction, regulatory compliance, and continuous organizational improvement. His leadership style combines clear accountability with a collaborative spirit, fostering a culture of excellence and professional growth throughout Jainex.</p>	<p>Qualifications & Credentials</p> <ul style="list-style-type: none"> • BSc. Information Systems Management - Ardhi University • Strategic Leadership & Operational Management • Project Delivery & Performance Oversight • Team Leadership & High-Performance Culture • Innovation & Process Improvement • Results-Driven Operational Excellence • Health, Safety & Standards Compliance

<p>Halima Twalbu Saidi <i>Environmental Manager Jainex Company Limited</i> BSc. Geography & Environmental Studies OSHA NOSHC I & II ISO 14001 EMS</p>	
<p>Biography Halima Twalbu Saidi is an Environmental and Occupational Safety professional with a strong academic background in Geography and Environmental Studies from the University of Dodoma. She also holds National Occupational Safety and Health Certificates (NOSHC I & II) from the Occupational Safety and Health Authority (OSHA). She has solid knowledge in occupational safety and health practices, including workplace hazard identification, risk assessment, accident prevention, and the use of personal protective equipment (PPE). Halima is well-versed in environmental laws, regulations, and standards at local, national, and international levels. Her</p>	<p>Qualifications & Credentials</p> <ul style="list-style-type: none"> • BSc. Geography and Environmental Studies — University of Dodoma • National Occupational Safety and Health Certificate I (NOSHC I) — OSHA Tanzania • National Occupational Safety and Health Certificate II (NOSHC II) — OSHA Tanzania • Environmental Impact Assessment (EIA/ESIA) processes and compliance

<p>expertise extends to Environmental Impact Assessment (EIA/ESIA) processes, environmental compliance, and risk management, particularly in sectors dealing with environmental and industrial operations. She also demonstrates a clear understanding of ISO 14001 Environmental Management Systems and Health, Safety, and Environment (HSE) frameworks. Halima is a hardworking and self-motivated professional who maintains high standards of efficiency and professionalism, committed to promoting safe working environments, environmental sustainability, and continuous improvement in all aspects of her work.</p>	<ul style="list-style-type: none"> • ISO 14001 Environmental Management Systems • Health, Safety & Environment (HSE) frameworks • Workplace hazard identification & risk assessment • PPE management & accident prevention • Environmental laws and regulations — local, national & international
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Ahmed Salumu Shabani
Environmental Consultant | Jainex Company Limited
NEMC EIA Expert (EC/EE-EIA/2023/5179) | NEMC EA Expert (EC/EE-EA/2023/9267) | NEBOSH IGC | ISO 45001:2018

<p>Biography</p> <p>Ahmed Salumu Shabani is a Registered Environmental and Social Expert in Tanzania with six years of professional experience in environmental and social impact assessment, occupational health and safety, and ESG compliance across multiple sectors. He holds dual NEMC registration as both an Environmental Impact Assessment (EIA) Expert and an Environmental Audit (EA) Expert, issued in February 2024 under the Environmental Management Act Cap. 191.</p> <p>A former Environmental Management Officer at the National Environment Management Council (NEMC) Tanzania (2020–2024), Ahmed conducted over 300 site verification visits and reviewed EIA and EA reports across agriculture, mining, energy, water supply, construction, and industrial sectors. He provided technical advisory support to industries, consultants, and government institutions on regulatory compliance, and investigated environmental incidents in the Western Zone of Tanzania. He also supported complex World Bank-ESF-financed projects covering agriculture, extractive industries, energy, and infrastructure.</p> <p>At Jainex, Ahmed serves as Environmental Consultant, contributing NEMC regulatory expertise, field auditing experience, and World Bank ESF-aligned ESIA skills to strengthen the company’s environmental service delivery across Tanzania.</p>	<p>Qualifications & Credentials</p> <ul style="list-style-type: none"> • BSc. Environmental Planning and Management — IRDP Tanzania (2021) • NEMC Registered EIA Expert — Reg. No. EC/EE-EIA/2023/5179 (Feb 2024) • NEMC Registered EA Expert — Reg. No. EC/EE-EA/2023/9267 (Feb 2024) • NEBOSH International General Certificate in OHS (Aug 2025) • ISO 45001:2018 OHS Management Systems — TBS Tanzania (Dec 2025) • OSHA NOSHC I (Mar 2024) & NOSHC II (Jun 2024) • Environmental & Social Impact/Risk Assessment • Environmental Auditing, Inspection & Compliance Monitoring • Waste Management & Pollution Control • World Bank ESF IFC Performance Standards Equator Principles • Data Analysis: GIS, SPSS & KOBO • Languages: Kiswahili (Native), English (Fluent)
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12. EXPERIENCE PROFILE — PROJECT REFERENCES

The following is a representative list of project experience delivered by the Jainex founding team prior to and forming the basis of Jainex Company Limited's technical credibility:

Project / Assignment	Client / Institution
Design and Installation of Automatic Hydrometric Station (SEBA RADAR SENSOR) — Mufindi Paper-Sugar Plantation, Kasulu, Kigoma Region	Mufindi Paper Company Limited
Dam Design, Construction & Management: Nyihogo, Igombe, Maganzo, Beledi, Ulyanyama & Utyatya Water Dams.	Lake Tanganyika Basin Water Board
TSF Design, Construction, Monitoring: Mwamanga Company Limited	Mwamanga Company Limited
TSF Design, Construction, Monitoring: Kaizen Minerals Company Ltd	Kaizen Minerals Company Ltd
TSF Monitoring: Buckreef Gold Company Ltd	Buckreef Gold Company Ltd
TSF Design, Construction, Monitoring: Jiuding Company Ltd	Jiuding Company Ltd
TSF Design, Monitoring: Elias Kivuyo Processing Plant	Elias Lucas Kivuyo Processing Plant
Hydrogeological & Geophysical Surveys Groundwater Mapping, all 9 Tanzania Basins	Ministry of Water

13. CONTACT INFORMATION

Company Name	JAINEX COMPANY LIMITED
Principal Contact	PEng. Jastine Martin Kalemile — Managing Director
Telephone	+255 758 959 304
Corporate Email	info@jainex.co.tz
HR Inquiries	hr@jainex.co.tz
Procurement	procurement@jainex.co.tz
Accounts	accounts@jainex.co.tz
Website	www.jainex.co.tz
Physical Location	Dodoma, Tanzania
Postal Address	P.O. Box 1709, Dodoma, Tanzania
BRELA Reg. No.	193472966
ERB Registration	PE No. 9466
APP Certification	No. 0068 — Ministry of Water (Dams & TSF)

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"Engineering, Water Resources & Environmental Solutions"