



PRECISIONWORKS
Engineering Limited

**COMPANY
PROFILE**



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Company Overview

Precisionworks Engineering Limited is a leading provider of renewable energy solutions and electrical engineering services, specializing in solar PV systems and energy generation. With a commitment to sustainability, innovation, and quality craftsmanship, Precisionworks Engineering Limited delivers comprehensive services in the design, supply, and installation of solar PV systems, catering to residential, commercial, and industrial clients.

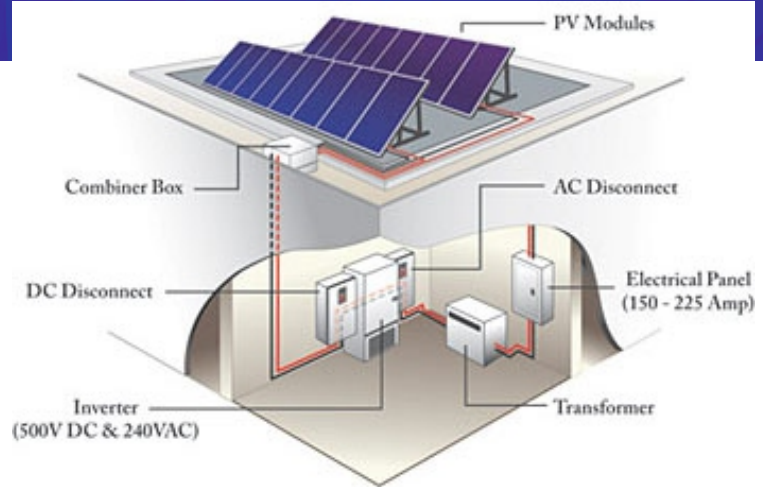
Vision: To be a trusted leader in the renewable energy industry, driving sustainable development and empowering communities through innovative solar solutions.

Mission: Precisionworks Engineering Limited is dedicated to providing reliable, cost-effective, and environmentally friendly solar PV systems and electrical engineering services. We aim to exceed customer expectations by delivering high-quality solutions, fostering long-term partnerships, and promoting sustainable practices.

Core Services

Solar PV Systems Design:

Our team of experienced engineers designs customized solar PV systems tailored to meet the unique energy needs of each client, ensuring maximum efficiency and performance.



Core Services



Supply and Installation:

We supply premium-quality solar components and equipment and handle the installation process from start to finish, ensuring seamless integration and optimal system performance.



Core Services



Energy Generation Solutions:

Precisionworks Engineering Limited offers comprehensive energy generation solutions, leveraging renewable energy sources such as solar to help clients reduce their carbon footprint and achieve energy independence.



Core Services



Consultation and Advisory Services:

Our experts provide professional consultation and advisory services, offering insights and recommendations to clients seeking to transition to renewable energy and optimize their energy usage.



Core Services



Maintenance and Support:

We offer ongoing maintenance and support services to ensure the continued efficiency and longevity of solar PV systems, maximizing return on investment for our clients.



Key Differentiators

Expertise:

Our team comprises skilled engineers and technicians with extensive experience in renewable energy and electrical engineering, ensuring the delivery of high-quality solutions and exceptional service.

Quality Assurance:

Precisionworks Engineering Limited is committed to excellence in craftsmanship and utilizes premium-quality components and materials to ensure the reliability and longevity of our solar PV systems.

Customer-Centric Approach:

We prioritize customer satisfaction and work closely with clients to understand their unique needs and preferences, delivering tailored solutions that exceed expectations.

Sustainability Focus:

As advocates for environmental stewardship, we prioritize sustainable practices in all aspects of our operations, promoting the adoption of renewable energy solutions to mitigate climate change and reduce carbon emissions.

Directors Profile



Background: Professor Michael Affam is a highly esteemed academician and researcher in the field of engineering, with a specialization in renewable energy and electrical engineering. He currently serves as a faculty member at the University of Mines and Technology in Tarkwa, Ghana, where he has made significant contributions to the advancement of knowledge and innovation in the renewable energy sector.

Academic Achievements:

- Ph.D. in Geological Engineering (Rock Mechanics), 2012
- M.Sc. in Mineral Exploration, 2002
- B.Sc. in Geological Engineering, 1996

Schools Attended:

- Queens University, Canada
- University of Mines and Technology, Tarkwa
- Kwame Nkrumah University of Science and Technology, Kumasi

Professional Memberships:

- Member: Ghana Institution of Engineers
- Member: Ghana Institution of Geoscientists (Membership No. 462)
- Member: Canadian Institute of Mining, Metallurgy, and Petroleum (Membership No. 146053)
- Member: International Research and Development Network (Membership No. 10-12-01-06)

Directors Profile

Professional Experience: Professor Affam brings a wealth of practical experience to Precisionworks Engineering Limited, having served in various roles in both academia and industry:

- Lecturer, Civil Engineering, Kumasi Polytechnics, Kumasi (May 2000 - Sept. 2003)
- Contract Geologist, AngloGold Ashanti Bibiani Mine Ltd. (Sept. 2002 to Mar 2003)
- Senior Geologist, Obenemase/Resolute Mines Ltd. (Aug. 1996 - July 1999)
- Geologist, International Gold Resources Ltd. (Feb 1995 - Nov 1995)

Community Services: Professor Affam has actively contributed to community development through various initiatives, including:

- Monitoring and quality control test works for Desimone Ltd towards AngloGold Ashanti Iduapriem Mine Expansion project
- Geotechnical ground investigation and quality control management for AngloGold-Ashanti Iduapriem Mine (AAIL) towards mine expansion project
- Rock strength test works for Goldfields Ghana Ltd, Tarkwa Mine
- Quality control and construction material test works for Goldfields Gh. Ltd, Tarkwa mine residential roads

Directors Profile



Research Contributions: Professor Affam has conducted extensive research in the field of engineering, with notable works including:

- Evaluation of rockburst potential and its mitigation in AngloGold Ashanti Obuasi Deeps
- Geochemical and statistical investigations into quality control management of samples in a mine within the Sefwi-Bibiani gold belt
- Geochemical investigation for Awaso (bauxite) lithomagic clays

Publications: Professor Affam has presented his research findings at various conferences, including the 90th Anniversary International Conference and Exhibition of the Geological Survey Dept. of Ghana. With his vast expertise in engineering, extensive academic background, and valuable industry experience, Professor Michael Affam plays a crucial role as a director of Precisionworks Engineering Limited, contributing to the company's strategic direction and ensuring the delivery of cutting-edge renewable energy solutions to clients.

Directors Profile



Background: Engr. Dr. Isaac Osei is a highly regarded academician and researcher in the field of renewable energy engineering. Currently serving as a Lecturer at the Department of Renewable Energy Engineering, University of Mines and Technology in Tarkwa, Dr. Osei brings a wealth of expertise and experience to the field of renewable energy.

Education: Dr. Osei holds a Ph.D. in Bioengineering from the Kwame Nkrumah University of Science and Technology (KNUST), where he specialized in renewable energy technologies. His academic background provides a solid foundation for his research and teaching endeavors in the field of renewable energy engineering.

Professional Experience: With over eight years of experience in teaching and research, Dr. Osei has established himself as a leading authority in renewable energy engineering. He has collaborated extensively with both private and public sectors on various local and internationally-funded renewable energy projects, contributing to the advancement of renewable energy technologies in Ghana and beyond.

Directors Profile



Research Focus: Dr. Osei's research interests encompass a wide range of areas within the field of renewable energy, including:

- Bioenergy: Biomass gasification, biogas systems design and optimization
- Solar Photovoltaic Systems: Design, optimization, and performance analysis
- Energy Efficiency and Conservation: Strategies for residential and industrial buildings to promote sustainable energy practices

Professional Memberships: Dr. Osei is a Licenced Engineer with the Institution of Engineering and Technology, Ghana (PE-IET, Gh), demonstrating his commitment to professional excellence and ethical engineering practices. He is also a member of the Pan African Society of Agricultural Engineers (AfroAgEng) and the International Association of Engineers (IAENG), actively engaging with professional communities to stay abreast of the latest developments in the field.

Contribution to Precisionworks Engineering Limited: As a director of Precisionworks Engineering Limited, Dr. Isaac Osei brings his extensive academic background, practical experience, and research expertise to the company's leadership team. His insights into renewable energy technologies, coupled with his commitment to sustainable practices, contribute to the company's mission of delivering high-quality renewable energy solutions to clients across various sectors.

Dr. Osei's dedication to advancing renewable energy engineering and his proven track record of academic and professional achievements make him a valuable asset to Precisionworks Engineering Limited's vision of promoting renewable energy adoption and driving sustainable development.

Directors Profile



Background: Mr. Kwame Kusi-Boadum is a distinguished Financial & Business Consultant with extensive expertise in corporate finance and strategy, financial risk management, real estate management, project management, and compliance management. With a remarkable track record of guiding and transforming firms to achieve high profitability and productivity, Mr. Kusi-Boadum is recognized for his strategic insight and ability to navigate complex financial landscapes.

Professional Experience: Mr. Kusi-Boadum has amassed invaluable experience working with premier financial institutions in Ghana, including Fidelity Bank and Republic Bank. Throughout his career, he has held various key positions such as General Services Management, Head of Risk and Compliances, and Head of Financial Advisory, demonstrating his exceptional leadership and management capabilities in driving organizational success.

Consultancy Excellence: As a consultant, Mr. Kusi-Boadum has garnered a stellar reputation for providing sensible solutions to businesses facing financial and operational challenges. His innate ability to identify issues within the value chain of firms and propose effective solutions has earned him the trust and respect of his clientele. Mr. Kusi-Boadum's strategic thinking and intuitive problem-solving approach have consistently delivered tangible bottom-line results for his clients.

Education and Qualifications: Mr. Kusi-Boadum holds an impressive array of academic qualifications, including:

- MBA in Finance
- BSc. (Hon) in Mathematics
- Diploma in Financial Management
- Advanced Diploma in Project Management

Additionally, he has acquired various certificates in Risk Management, Compliance Management, Estate Management, Project Management, and Leadership. Mr. Kusi-Boadum is also licensed as an Investment Representative by the Securities and Exchange Commission of Ghana, demonstrating his commitment to regulatory compliance and professional integrity.

Professional Affiliations: Mr. Kusi-Boadum is an esteemed member of the International Facility Management Association (IFMA), where he actively engages in professional development and networking within the industry. Furthermore, he serves as a Lecturer at Fountain Head University College, sharing his wealth of knowledge and experience with aspiring business leaders.

Directorship and Leadership: In addition to his consultancy roles, Mr. Kusi-Boadum serves as a Director of DKing Industries Limited, a multinational subsidiary of Dking Power Company Limited in China, and Global China Direct Trading Limited, a supply chain management company headquartered in Accra, Ghana. His leadership in both domestic and international business ventures underscores his ability to drive organizational growth and success across diverse markets.

With his extensive experience, multidisciplinary skill set, and commitment to excellence, Mr. Kwame Kusi-Boadum brings invaluable insight and leadership to the board of Precisionworks Engineering Limited, contributing to the company's strategic direction and fostering sustainable growth in the renewable energy and engineering sectors.

Directors Profile



Miss Rose Ama Attah is a highly autonomous and industrious Electrical Engineering professional with over 12 years of experience within the Solar Power industry. She possesses a wealth of expertise in key areas such as project management, energy auditing, technical site surveying, and key account management.

Solar Industry Experience: In her current role as West Africa Regional Manager at D King Power Company Limited China, Miss Attah is responsible for supporting management's growth targets through key customer relationship methodologies, technical expertise provision, competitor research, and identification of profit-generating opportunities.

Prior to this, she held roles as a Sales Executive at Yingli Namene West Africa LTD and as a Technical Manager at Strategic Power Solution (SPS), where she successfully led and delivered various projects, solidifying her role as a technical domain expert.

Project Management and Technical Expertise: Miss Attah's experience extends to planning and coordinating the installation of photovoltaic solar and streetlight systems, supervising solar installers and subcontractors, evaluating subcontractor bids, and developing and maintaining system architecture. Her tenure at Strategic Security Systems (3SiL) as a Project Officer & Site Supervisor allowed her to gain in-depth knowledge of solar panel manufacturing and assembly, as well as project management experience through engineering support for installations and maintenance of solar systems across Ghana.

Directors Profile



Skills and Software Competencies: Miss Attah's skill set includes key account management, new account acquisition, energy auditing, technical site surveying, and project management. She is proficient in various software tools such as MS Office Suite, AutoCAD, PVsyst, Sketchup, and SMA Sunny Design Web, among others.

Membership/Associations: She is a member of the Ghana Institute of Engineers (GHIE) and the National Society of Black Engineers (NSBE), showcasing her commitment to professional development and networking within the industry.

Education and Continued Education: Miss Attah holds a BSc. in Electrical and Electronic Engineering from the University of Mines and Technology, Tarkwa, and has pursued additional certifications in Solar PV Design and Installation, as well as the Cisco Network Associate (CCNA) Program. She has also attended various workshops and conferences focused on renewable energy and technology transfer, further enhancing her expertise in the field.

With her extensive experience, technical proficiency, and commitment to excellence, Miss Rose Ama Attah brings invaluable leadership and expertise to the board of Precisionworks Engineering Limited, contributing to the company's strategic direction and success in the renewable energy sector.

Directors Profile



Mr. Thomas Bairmur is an accomplished professional with a comprehensive background in electrical engineering, specializing in sustainable energy and solar power systems. With a diverse educational journey, including a BSc in Electrical/Electronic Engineering and ongoing pursuit of an MSc in Sustainable Energy Engineering and Management, Mr. Bairmur demonstrates a commitment to continuous learning and staying abreast of advancements in his field. His extensive training portfolio encompasses certifications in professional electrical engineering, wiring, and solar installation from reputable institutions such as the Ghana Institution of Engineers, Energy Commission,

and various industry-specific workshops and seminars. These certifications validate his expertise and competence in managing complex electrical projects and ensuring compliance with industry standards.

Throughout his career, Mr. Bairmur has held significant roles, including Senior Technical Officer at Strategic Security System, Tema, where he has been instrumental in the design, installation, and maintenance of electrical systems, including solar off-grid and grid-connected systems. His responsibilities also include the implementation of ISO certifications and the installation and maintenance of solar air conditioner hybrid and off-grid systems.

Directors Profile



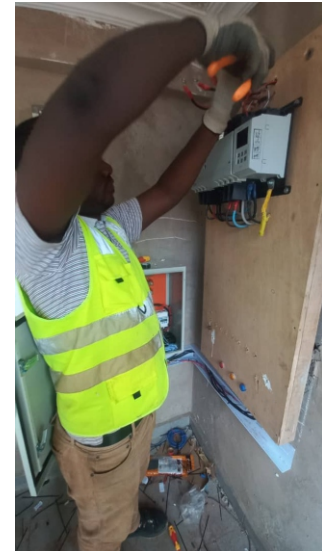
Prior to his current role, Mr. Bairmur served as a Plant Electrical Electronic Technician at Agricare Ltd, Kumasi, where he gained valuable experience in electrical maintenance, troubleshooting, and supervision of machine installation work.

As a member of the Ghana Institution of Engineers, Mr. Bairmur is committed to upholding professional standards and contributing to the advancement of the engineering profession in Ghana. His combination of academic qualifications, industry certifications, and hands-on experience positions him as a valuable asset to the board of Precisionworks Engineering Limited, where he plays a pivotal role in driving strategic initiatives and ensuring the company's continued success in the renewable energy sector.

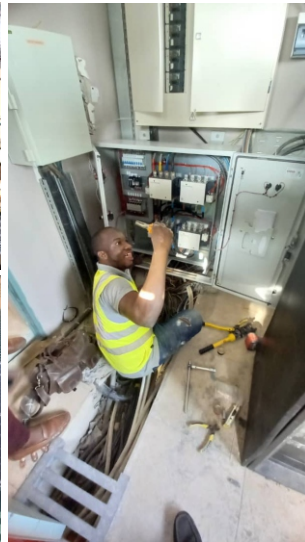
Projects

1. 25KWP SYSTEM AT A RESIDENCE AT MATHEKO, ACCRA
2. 10KWP SYSTEM AT DKING OFFICE AT TEMA
3. 80KWP SYSTEM AT KETE KRACHI
4. 15KWP SYSTEM AT SAPEMAN, ACCRA
5. 912KWP SYSTEM AT JUBILEE HOUSE
6. 80KWP SYSTEM AT FORMER PRESIDENT KUFFOUR'S RESIDENCE
7. 10KWP SYSTEM AT RESIDENCE AT TEMA COM 21
8. 30,000 SOLAR STREET LIGHT COCOBOD RURAL PROJECT

Projects



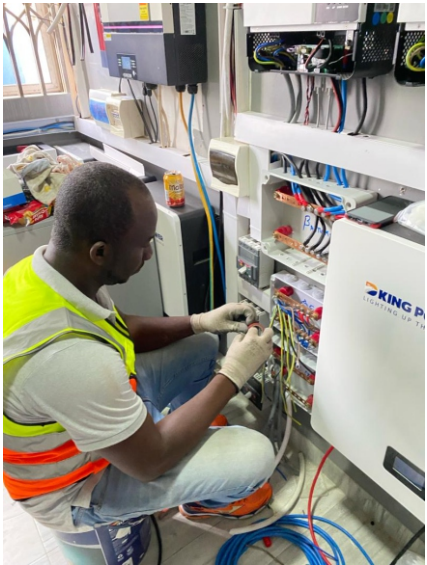
Projects



Projects



Projects



Contact Us



Clientele: Precisionworks Engineering Limited serves a diverse clientele including:

- Residential homeowners
- Commercial enterprises
- Industrial facilities
- Government agencies
- Non-profit organizations

At Precisionworks Engineering Limited, we are dedicated to driving the transition to renewable energy and empowering our clients to embrace sustainable solutions for a brighter, cleaner future. Contact us today to learn more about our services and how we can help you harness the power of solar energy.

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