

AIC

CONSULTING ENGINEERS



Heavy Fuel Oil Power Station—Haiti

Consulting Engineer: Arthur Carlisle

Project Management

Power Generation — Biomass, Solar, Wind, Co-generation

Rotating Machinery

Turbines, Compressors, Reciprocating Engines

Electrical Networks and Switchgear

Transformers

Pumps and Pipelines

Plant Operations, Maintenance and Training

Safety Systems and Environmental Controls

AIC Consulting Engineers Limited

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Biomass Power Station, Central America

BACKGROUND AND EXPERIENCE

I am a Chartered Mechanical Engineer with over 30 years' experience in all areas of power generation and industrial plant, from project development and construction through to commissioning and placing into commercial operation.

My work experience includes major coal, oil and gas fired power plants, chemical plants, renewable energy facilities including wind, solar and biomass, and repair and maintenance facilities.



Coal Fired Power Station, South Africa

I have extensive knowledge and experience working with all types of plant and equipment including rotating machinery, diesel engine generators, gas fired engines, boilers, transformers, electrical networks, gas and steam turbines and steam systems, wind turbines and solar farms, compressors, pumps and pumping systems, heat exchangers, fuel preparation and storage, and materials handling.

CONSTRUCTION PROJECTS

I have held senior positions across the globe, having been Project Manager and Owner's Engineer for various multi-disciplinary projects and have a proven track record in successful completion of complex construction projects, on time and within budget.



Wind Turbine Gearbox, Ireland

As Project Manager and Owner's Engineer, I have been responsible for the design and construction of a Renewable Energy Co-generation Power Station from green fields using international contractors to engineer, procure, construct and commission.



Steam Turbine Rotor

Responsible for managing the design, construction and commissioning of a heavy fuel-oil fired electric power generating plant from green fields to commercial load.

I created the organization and implemented the systems required to operate and maintain the plant to bring it to full operational capability.



Diesel Engines, Central America

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