

CLIVE MOORE

Senior Associate



CAREER OVERVIEW

Clive has over 40+ years engineering construction, industrial manufacturing and consulting management experience both in Australia and overseas.

Prior to joining Flagstaff Consulting in 2012, Clive held a senior management role with Siemens Australia in a specialist JV providing onsite contracted plant asset management and maintenance services for a range of major clients in Australia and overseas.

Other roles include the management of manufacturing operations in Australia and the USA for PBR Ltd a sophisticated manufacturer of automotive brake components and a number of project and site management roles for ABB Services and ABB Engineering Construction.

BENEFITS CLIVE PROVIDES TO CLIENTS

Analytical business-based perspective, gained from broad industry and management experiences, with a focus on safe and reliable performance of assets across the complete life-cycle from initial concept to completion and also effective and efficient long term operations.

OVERVIEW OF RELEVANT EXPERIENCE

Koniambo Nickel Smelter (Xstrata) – New Caledonia

A greenfield 450 MW coal fired and Gas Turbine power generation plant as part of the \$US5.4B mine and nickel processing plant. Siemens JV lead advisor on the development of an Alliance to both operate and maintain the power plant, transmission line and auxiliary systems – 7 year performance based contract

BlueScope Steel Mill Westernport – Victoria

Siemens JV project lead for the Westernport maintenance alliance for the strip mill, that was successful in winning the asset management and maintenance services outsourcing contract – 8 year multi-million performance-based contract.

ICI Botany & Shell Clyde – NSW

ABB Technical Manager for Alliance contractor maintenance teams for all planned, predictive and breakdown maintenance and major and minor shutdowns at both operations.

EXPERTISE AREAS

From construction through to the operational management, Clive has acquired the skills and experience across a range of business sectors and clients including mining, high volume manufacturing, rail transportation and FM and service based industries, bulk water treatment and including plant and service reliability risk reviews for hospital/healthcare and other sectors.

NOMINATED LOCATION

PROFESSIONAL QUALIFICATIONS

- ARMIT – Mechanical/ Industrial Engineering

ACCREDITATIONS/ CERTIFICATION

- Member – Asset Management Council (Institute of Engineers - Australia)
- Member - Facilities Management Assoc.
- Reliability Centered Maintenance (RCM)
- Lean Manufacturing & Total Productive Maintenance
- Project Management

CAREER HISTORY

- 2012 – current Flagstaff Consulting Group
- 2001-2011 Siemens /Silcar JV
- 1998-2001 PBR Automotive
- 1990-1998 ABB Services & Engineering Construction
- 1980's PipeLine Engineering/Santos

SELECTED KEY EXPERIENCE

Emerald Tourist Railway (ETR)

ETR is a Victoria state government funded major tourist railway and is internationally recognised . Clive provided independent advice on the selection and the implementation of a computerised maintenance management system to meet safety and regulatory and financial requirements and to improve the management of all assets including the locomotives, rolling stock fleet and all infrastructure and facility assets.

Loy Yang A & Yallourn Coal Mine – Latrobe Valley Victoria

Advisor and review of a contract to provide 2300 MW power station and both coal mines with maintenance and facility services - 8-year performance - based contract

Citic Pacific Mining – WA

Provided crane access and lifting study for the planned asset management and maintenance of the world’s largest SAG mills and the ore crushing and treatment plants overall project was in excess of \$4.5 Billion

ABB Krupp JV -National

Major supplier of construction and maintenance services for Krupp bulk materials handling systems , providing refurbishment and asset management for mine and port facilities nationally.

Alcoa Portland – Victoria

Lead the process for the contractor maintenance of the carbon bakes and mobile equipment area.

Australian Paper 3 mills – Tasmania & NSW

Worked with onsite asset management teams on manufacturing improvement using Asset Performance Management strategies reducing unplanned downtime

PBR – Victoria & USA

Manufacturing Engineering Manager for automotive brake rotors and disc brakes for GM, Ford and Toyota. Led the introduction of new maintenance strategies for the Australian and USA plants and improved the production plant reliability using the improvement strategies of Lean 6 sigma ,RCM/FMECA and TPM.

Aerospace Technologies of Australia (Boeing) -Melbourne

Site asset maintenance manager of a large and sophisticated manufacturer of carbon fibre aerospace components for Boeing and also military aircraft components.

Project -examples

- Site project manager for the complex refurbishment of the James Hardie Welshpool (WA) manufacturing line – 6 months.
- Project management for the fit-out and installation and commissioning of industrial HVAC systems for the new \$450 million wholesale fruit and vegetable market at Epping Melbourne, 4 months
- Project manager for the installation and commission of a complex HVAC system for storage of temperature sensitive pharmaceuticals in a robotic warehouse – 6 months.
- ABB-commissioning engineer for the Victorian Loy Yang B 1000 MW power station, precipitators, mine coal conveying, crushing , live storage and ash removal system – 18 months
- Construction supervisor for pipeline construction and installation Santos Cooper Basin SA

Previous Employers prior to joining Flagstaff

- Siemens JV Silcar 2001 to 2011, 3500 employees \$500MPA turnover providing site-based asset management and maintenance services focussing on contract delivery performance and client relationships both nationally and overseas. Also, involvement with Siemens centre of maintenance excellence – Erlangen Germany
- PBR Ltd 1998 to 2001 – 800 staff and a international supplier of automotive brake components – 3 years as Manufacturing Engineering Manager (Australia and USA)
- ABB Services & Engineering Construction 1990 to 1998 - a 34 Billion Euro global supplier of electro technical services and systems - 8 years project and site management experience in the plant maintenance and facilities management services and engineering construction divisions in Australia and overseas. Advanced training in the ABB Engineering maintenance centre Belgium– 3 months
- Pipe Line Engineering Pty Ltd 1980's – a 200 employee Australian engineering construction contractor specialising in subsoil pipeline and process construction work and installation services for upstream and downstream oil and gas – contracted to Santos as a field installation supervisor.