

Pandit Karnasuta, PhD

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Professional Profile¹

An experienced *Head of Project Management and Project Director* for engineering and construction projects in the energy, biochemical, petroleum, and petrochemical sectors.

Possessed a successful track record of project management and execution from an inception through to commissioning, start up, early operation and maintenance at Owner, Consultant (Engineer), and Contractor sides. Responsible works were under various forms of contracts and scopes including *PMC (Project Management Consultant); DB (Design and Build); EP (Engineering and Procurement); EPC (Engineering, Procurement and Construction); EPF (Engineering, Procurement and Fabrication), EPCM (Engineering, Procurement and Construction Management) and Umbrella Service Agreement* on both reimbursement and lumpsum bases.

Usually directed or managed a multicultural project team including project manager(s), engineering manager(s), technology experts, engineering disciplines, other project professions, and managers of direct reports under a face to face and a *virtual team working environment*.

Specialized in *contract management, refinement and reconciliation of a completion framework, project performance reinforcement and project manager coaching*.

Previously, the countries of long-term overseas work assignments included the *UK, Korea, and the USA* as the *Owner Representative, the PMC Project Manager and the Project Director/Owner's Representative* respectively.

Professional Experience

Consultancy works (p/t) (Present)

- *Expert & Committee Member, TC59, SC18, Working Group 2 (WG2) Construction Procurement (Construction Project Management and Delivery), International Standard Organization (ISO).*
- *Advisor, SERV Business Consulting Co., Ltd.*

Thyssenkrupp Industrial Solutions (Thailand) Ltd. (2016 - 2019)

(Formerly ThyssenKrupp-Uhde (Thailand) Ltd.)

Head of Project Management and Project Director

- *Oversaw EP, EPC/EPCC/EPF and EPCM project execution through the appointed Project Managers.*
- *Oversaw the operation of the Project Execution, Planning and Document Control Departments.*

NatureWorks Asia Pacific Co., Ltd. (2014 - 2016)

(A subsidiary company of NatureWorks LLC, USA, the World major bioplastic producer and PTT Global Chemical PCL)

Project Director

- *Responsible for the **Biochemical Polylactide Plant 2 Project** to produce a biodegradable plastic i.e., polylactide (PLA) of 75,000 + 75,000 TPA (World scale).*
- *Assigned to the parent company HQ in Minnetonka, MN, USA and the existing bio-refinery in Blair, NE, USA for the project development; and in JACOBS Engineering Group (USA), Greenville, SC, USA, totally 2 years, for FEED, ITB and a final cost estimate.*

ThyssenKrupp-Uhde (Thailand) Ltd. (2012 - 2014)

Deputy General Manager, Operations

Division Manager, Projects and Project Director

- *Oversaw FEED, EP, EPC/EPCC/EPF and EPCM project execution through the appointed Project Managers.*

¹ Detailed resume including accomplishment highlights and awards is available upon requested.

- Oversaw the operation of the Project Management, Project Engineering Management, Construction Management and Planning Departments.

Foster Wheeler Inc. (2005 – 2011)

Project Manager/Senior Project Manager

- Responsible for the following major greenfield and brownfield construction projects (EPC) to the various scope specified under PMC service contracts:
 - a) **RRC Upgrading Project** belongs to *PTT Global Chemical PLC.*; The project was to upgrade their existing refinery in *Map Ta Phut, Rayong, Thailand* to meet the EURO IV standard and expand its capacity for to be totally 280,000 BPSD. (resided in the main EPC Home Office in *Seoul, Korea* for 1 year)
 - b) **Sixth Gas Separation Plant Project (GSP6)** belongs to *PTT Public Co., Ltd.*; The project was to design and construct the World largest grassroots Gas Separation Plant in terms of a number of production (800 MMSCFD) through the fractionation units in *Rayong, Thailand*.
 - c) **Product Quality Improvement Project** belongs to *Bangchak Petroleum Public Co., Ltd.*; The project was to convert their existing refinery from a hydro-skimming refinery to a complex refinery for a better yield and higher efficiency, and to expand its total capacity to meet a World scale at 120,000 BPSD.
 - d) **Carbon Black Elastomer Plant Project** belongs to *Michelin (France)*; The project was to construct a grassroots elastomer plant in *Songkhla, Thailand*.
- Oversaw the appointed *Project Manager* and his team to ensure effective project execution of all small brownfield projects including modification, and maintenance works under the ***Sriracha Umbrella Project Long Term Agreement 5 (SUP5)*** with *Esso (Thailand) Public Co., Ltd.* at their refinery in *Sriracha, Thailand*.

Technip Engineering (Thailand) Co. Ltd. (2004 – 2005)

Project Manager (EPC)

- Responsible for a completion of the ***PTT Gas Metering Station to the Ratchaburi Power Plant Project*** belongs to *Ratchaburi Electricity Generating Co. Ltd.*

Work experiences prior to the last 17 years included various leaderships and assignments concerning project development, project management, project engineering, construction, maintenance and commercial in the following major energy, petroleum, petrochemical and infrastructure service companies.

1. IRPC Public Company Limited. (Section Manager/Assistant Section Manager/Senior Engineer – Level II)

- ***300,000 BPSD Grass Root Oil Refinery and Aromatics Complex Project***
- ***100,000 TPA Propylene Deep Catalytic Cracking Plant Project***

2. Thai Petroleum Pipeline Co., Ltd. (System Advisor/Senior Project Engineer/Project Engineer)

- ***255 KM Cross-Country Multi-Product Oil Transport Pipeline and Terminal System Project (Thapline)***
(based in the *Project Office in Hammersmith, London, UK* for 2 years)

3. The Shell Company of Thailand Ltd. (Engineering Supervisor – Maintenance and Services)

Education

- *PhD, Construction Project Management, University of Reading, United Kingdom*
- *MSc in Construction Management, University of Nottingham, United Kingdom*
- *BEng (Honors) in Electrical and Electronics Engineering, King Mongkut Institute of Technology Chaokhuntharn Ladkrabang, Thailand*

Professional License and Membership

- *The Controlled Professional Engineering License, The Ministry of Interior, Thailand*
- *Charter Member, The Engineering Institute of Thailand under H.M. the King's Patronage*