

## Chakrit Manyasi

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### Contact Details

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### Objective

- Senior Project Engineer

### Working Experience

Wood (9/2019 - Present)

Position: Senior Project Engineer

### Duties and Responsibilities

- Acting as Lead Project Engineer to execute engineering work.
- Perform project engineering deliverable and issues on time.
- Report assigned tasks to the management team.
- Perform/support material enquiry as assigned.
- Interfacing meeting set up with client /interdisciplinary.

Michelin (4/2019 - 6/2019)

Position: Engineering and Installation Lead Engineer

### Duties and Responsibilities

- Prepare proposal for CDA Project, Utility Upgrading Project, Crystallization Renovation Project
- Provide technical support for small projects, piping and mechanical equipment
- Coordinate with project team, representatives from operation and maintenance dept. to run the project successfully
- Prepare cost estimation and timeline of assigned project

PTTME (12/2016 - 3/2019)

Position: Project Engineer

Project: Plant Service, Refinery PTTGC6

### Duties and Responsibilities

- Prepare proposal for GATE state 1, 2, 3 (budgetary until execution)
- Manage and execute OPEX study to +/- 10% CAPEX cost
- Manage e-MOC as assigned in the project
- Work with team to manage engineering work, procurement, and construction of the project
- Being the representative of the owner to monitor the project until finished
- Provide PR in SAP or ARIBA, expediting procurement

PTTME (6/2015 - 8/2015)

Position: Project Engineer

Project: PTT LPG Recovery from Bypass Gas Project (FEED Phase)

Duties and Responsibilities

- Coordinate with/ support the multidisciplinary and client (e.g. weekly meeting)
- Providing HAZOP Study interfacing for perform, review, and close out
- Provide PFD, P&ID Review and issue report
- Perform Tie - in Survey as requested
- Prepare final document for ITB

PTTME (11/2013 - 11/2016)

Position: Project Engineer

Project: Annapurna (Vencorex Chemical Co. Ltd), EPC Phase

Duties and Responsibilities

- Prepare, issue, and develop material requisition for project's mechanical equipment
- TBE clarification for LLI as initial project
- Coordinate with client in technical enquiry from vendors or multidisciplinary
- Coordinate with all disciplinary related to area of responsibility in technical enquiry to meet requirements of the project

- Provide engineering support related to mechanical to ensure that the project could run smoothly
- Assist PEM/ Lead Project Engineer to perform scheduled task expediting which affect the project schedule
- Direct/ support review interdisciplinary deliverable
- Generate, develop, issue P&ID, DCN, Red line mark - up distribute to relating disciplinary
- Observe the test of equipment, pump and package, etc. oversea
- Support commissioning engineering with team members
- Support warranty claim of the project

Foster Wheeler (9/2012 - 10/2013)

Position: Project Engineer

Project: PTT ELK Project (FEED Phase)

- Prepare all project required reports, internally and externally where required.
- Prepare, develop and issue P&ID, Line List, Tie-in list, equipment list.
- Site survey to meet corrective interconnecting between new and existing Plant.

Project: Thailoil EIPSA-III,EPCm phase

- Prepare, develop and issue P&ID, Line List, Tie-in list, equipment list and /or project deliverable
- Prepare Final Document related to project execution.
- Expedite all derivable closed out for project engineering
- Follow up Model review close out
- Follow up HAZOP close out
- Review supplier document
- Assist Lead Project Engineer during Turnaround Period.
- Prepare derivable engineering list in relevant to discipline for Turnaround Period.
- Assist Area Project Engineer to clarify the TQ according to site requirement.

**METRO CAT (CATERPILLAR) - Phuket Branch (02/2012-08/2012)**

**Position: Mechanical Service Engineer**

- Hands-on experience with Marine reciprocating engines, generator set, trouble shooting, maintenance, repairing and replacement
- Prepare and co-ordinate daily work activities in the field and workshops.
- Supervise mechanics and helpers in correct troubleshooting and maintenance techniques, familiar with CATERPILLAR Marine Power, Generator e.g. C18 C32, 3500 series.
- Failure investigation report in warranty jobs and product claim to customer.
- Be a Marine service engineer serving and coordinating with customer e.g. Motor Yacht
- Sea trial test /Inspection
- M/Y service Experience: M/Y Family Day, M/Y Princess Christina.

**C&C Marine (Local company in Phuket province, short-term while working on thesis) (05/2011-12/2011)**

**Position: Marine Mechanic**

- Hands-on experience with Marine reciprocating engines, generator set, trouble shooting, maintenance, repairing and replacement

**Leave to study for master degree (11/2008-11/2011)**

**CTCI (Thailand) Co.,Ltd (5/2008-11/2008)**

**Position: Piping Engineer (Trainee)**

**Duties & Responsibilities**

- Construction (Bangchak Petroleum PQI Project)
  - Supervise piping construction and line checking
- Engineering
  - Prepared pipe isometrics, P&ID and piping plan focusing on process, economics and safety of the piping system

## **SINO-THAI ENGINEERING AND CONSTRUCTION PCL (11/2006-4/2008)**

**Position: Field Engineer**

**South Bangkok Combine Cycle Power Plant Block iii Project;  
Samutprakarn, Thailand (2007-2008)**

- Duties & Responsibilities
  - Supervise, Check and Monitor: Cooling Tower Erection, Structural Erection, Flushing and Free blow Piping, Pre-Commissioning Works,
  - Supervise Pre-fabrication works e.g. steel structure and piping
  - Coordinate with contractors and client

**Chana Combine Cycle Power Plant Project; Songkhla, Thailand  
(2006-2007)**

- Duties & Responsibilities
  - Supervise, Check and Monitor: Steel Structure Erection, metal sheet work

## **EDUCATION**

- Bachelor of Engineering - Mechanical Engineering  
Chiang Mai University, Thailand  
Graduated year: 2006
- Master of Engineering - Mechanical Engineering  
Chiang Mai University, Thailand  
Graduated year: 2011

## **PROFESSIONAL MEMBERSHIP**

- Level I of Engineering Certificate (Mechanical), Council of Engineer (COE), Thailand

## TRAINING COURSES

- Industrial Internships, Ubolrattana Hydro Plant, EGAT, Thailand 2005
- Lifting and Safety Procedure Training, Bangpakong, Thailand 2007
- Welding and Piping Technical Training, Bangpakong, Thailand 2007
- Isometric and G/A of Piping Design Training, Bangkok, Thailand 2008
- 2D/3D Piping Design Procedure Training, Bangkok, Thailand 2008
- PDS Training, Bangkok, Thailand 2008
- Piping material take off training (PMCS), Bangkok, Thailand 2008
- Fire Prevention and Firefighting: H.D 1, MMTC, Samuthprakarn, Thailand, 2011
- Personal survival techniques: H.D 2, MMTC, Samuthprakarn, Thailand, 2011
- Personal safety and social responsibility: H.D 3, MMTC, Samuthprakarn, Thailand, 2011
- Elementary first aid: H.D 4, MMTC, Samuthprakarn, Thailand, 2011
- CAT Electronic Technician (ET) Training, BKK, Thailand 2012
- CATERPILLAR Power System TC Conference, Phuket, Thailand, 2012
- The Committee of Safety, PTTME, Thailand, FEB, 2014
- Damage Mechanisms in Refineries, PTTME, Thailand, Apr, 2014
- In-house IMS Training (Integration Management System), PTTME, Thailand, July, 2016.

## SKILLS

- Computer Knowledge:, MS -office.

- Language: English (TOEIC score: 615)

#### REFERENCE

- Asst. Prof. Dr. Anucha Promwungkwa

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