

# RESUME

**Name:** Mr.THANACHOT DEESOM

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**Email** [deesomthanachot@gmail.com](mailto:deesomthanachot@gmail.com), deesomthanachot@yahoo.com

**Date of Birth:** 13 December 1977, 42 years

**Marital Status:** Married with 2 Children



**Education:** Faculty of Engineer (Mechanical Engineer) SRINAKHARINWIROT UNIVERSITY

**Graduation:** May, 2005

**Occupational license:** Professional Mechanical Engineer License (License No.1019)

Boiler Inspector License (License No.) 6-54-1168

**Trainings:** AWS D1.1/D1.1 M: 2006 Structural welding code-Steel

**CWI (Certification Welding Inspector) from Thai welding Association.**

**Microsoft Projects.**

**Confined space Safety Training.**

**PSM Training(Process safety management)**

**Basic of overhead crane design.**

**Fire water protection design(Hydraulic calculation method)**

**Language skill:** Thai: Native

English: Good command for both spoken and written

**Computer skill:** - AutoCAD

- Microsoft Projects

- Microsoft Office i.e. MS. Word, MS. Excel, Powerpoint

- Microsoft Outlook

## Experience

### **GCP Applied Technologies Holdings (THAILAND) Limited.**

**NOV 2017-Present** PROJECT Engineer for new Thailand factory (As Owner)

**Report to** Corporate Project Engineering Manager in USA

**Scope of project:** Civil work for building /plant facilities and M&E work for process equipment

#### **Job description**

Team member for contractors selection and bidding (both civil and M&E for process equipment)

Support technical information for applying land utilization permits with IEAT

Support technical information for applying operation commencement permits with IEAT

Technical review and analyze BOQ for price negotiation

Technical review and prelim approver for civil drawings

Technical review and prelim approver for P&ID, PFD for process equipment

Review and Analyze safety for process design

Project Controller

Coordinator with global project engineering team in US and local contractors

Interim project inspector for both civil and M&E hand over

Process commissioning and trial

## **TTCL Co., Ltd.**

**Mar 2014- Oct 2017    Commissioning Engineer**

**MAY 2017- Oct 2017    Commissioning Engineer Project "LLDPE EXPANSION AND HEXANE 1 PROJECT –THAILAND"**

**Scope of Project :** Hexane units, Raw material units, Ethylene Purification, Reaction system, Resin Degassing, Vent recovery, Cooling Tower Granular Seed bed storage, Additive Resin Seed Bed storage, Resin Additive Handling, Pelleting, and firefighting system.

**Jan 2017- APRIL 2017    Commissioning Engineer Project "Klongluang SSP POWER PLANT PROJECT 120 MW x 1 UNITS –THAILAND"**

**Scope of project** GTG (LM-6000)2Units, Auxiliary boiler 30 TPH (saturated steam 16, Bar g), HRSG 2 units, Gas compressor 3 units, Demine plant, Cooling Tower Air compressor, DI water plant, fire-fighting system.

**Mar 2016- December2016    Commissioning Engineer Project "RAS ABU FONTAS A3 Reverse Osmosis Project 36 MIGD/Day –QATAR"**

**Scope of project** Seawater intake, chlorination units, and balance of plant Utility, Produce water, fire fighting system. De-chlorination.

**Sep 2015 – Feb 2016 Project "BANGPOO SSP POWER PLANT PROJECT 120 MW x 2 UNITS- THAILAND"**

**Scope of project** GTG (Siemens STG-800)4Units, Auxiliary boiler 30 TPH (saturated steam 16, Bar g), HRSG 4 units, Gas compressor 3 units, Demine plant, Cooling Tower Air compressor, demine water plant, firefighting system.

**Feb 2015 – Sep 2015 Project "RAS ABU FONTAS A2 DESALINATION PROJECT 36 MIGD/Day- QATAR"**

**Scope of project** HSRG, Auxiliary boiler, Seawater intake, chlorination units, Desalination, Utility, Produce water, DI water plant, fire-fighting system.

**OCT 2014 – JAN 2015 Project "DAP No.2 VINACHEM-VEITNAM" (Commissioning & operation CFBC boiler)**

**May 2014 – Sep 2014 Project "VINACOMIN NITRIC ACID PLANT (200,000 MT/Year)- Vietnam" Commissioning auxiliary boiler (37 TPH 43 bar 440 C)**

**Job description:** Coordinator with construction and owner for commissioning.  
Coordinator with project engineer and contractors  
Setting up schedule and planning commissioning to be aligned with master plan.  
Check piping route line and functional test for all units  
Review document MCC and check report of field inspection.  
Running pre-commissioning.  
Running commissioning of individual equipment and system.  
Running commissioning of integrated system.  
Running Functional test for all units  
Performance test for plant guarantee and hand over to owner.

## **Siam Takuma Co., Ltd.**

### **Oct 2012 – April 2014**

Position : Commissioning Engineer  
Project : TSM Power project. Bi-drum, Water tube, Biogas boiler  
Twox150 TPH. Thailand Udonthani, Thailand

Job Description  
Checking Equipment installation including record and alignment.  
Review all related engineering document  
Check piping route line.  
Checking flushing and cleaning process  
Testing instrument measurement  
Rotations check of motor No load test and load test  
Inter lock test and emergency test. (Safety Device test)  
Performance test

Project Location : Thai-Udon Power, Banphueph, Udonthani

## **Hexa Thailand Corporation Ltd.**

### **Jan 2010 – Sep 2012**

Position : Senior Project Engineer  
Project : Sukhothai & Khampangetch Bio Energy Co.Ltd. Water tube, Biogas Boiler  
3x150 TPH.450c 43 barg. Sukhomthai, Thailand

Job Description  
Inspection of material on site  
Report material shortage  
Checking construction drawings  
Support contractor execution phase  
Coordination with civil contractor to complete foundation  
Monitor the erection schedule and s-curve in micro soft project  
Establish catch-up plan in case of any delay  
Check quality of welding of pressure part follow procedure  
Check NDT report and PWHT report  
Check the erection as per vender quality plan  
Complete hydro test for pressure parts  
Complete refractory and start of refractory dry out  
Pre-Commissioning check for boiler and clear all punch list  
Commissioning boiler  
Performance test.

## **Italian-Thai Development Public Co.Ltd.**

### **2004 –Dec 2009      Project Engineer (Mechanical Engineer)**

#### **Sep2009 –Dec 2009**

Position : Mechanical Engineer  
Project : J 444 (Dewei Deep sea port), **Samutprakarn**  
Job Description : Repair and Provide Equipment support Survey work.

#### **May2009 –Aug2009**

Position : Mechanical Engineer  
Project : Sakoa coal mine project, **MADAGASCAR**  
Job Description : Repair and Provide Equipment support mining task  
Owner : PAM (Pan Africa Coal Mining)

**November 2008 – April 2009**

Position : Mechanical Engineer  
Project : Hydro power electric NAMTHEUN 2(1,086MW), Laos  
Dam reservoir for hydro power plant (4x250MW Francis Type, 2x43 MW Pelton Type)  
Job Description system Detail design and conceptual design of Mechanical for dam gate and Ventilation  
Fabrication high-pressure pipeline and structural power installation sleeve valve and gate valve, hydro Turbine (francis and Pelton)  
Coordination for installation hydro turbine.  
Owner : NTPC Loa PDR

**July2005-November2008**

Position : Batching plant &Crushing plant Engineer/Operation Batching manager  
Project : Hydro power electric NAMTHEUN 2  
Dam reservoir for hydro power plant  
Job Description : Inspection of material receiving at site (refer to mill certificate)  
Checking all construction drawings  
Coordination with PAHM subcontractor.  
Monitor the erection schedule and s-curve in micro soft project  
Establish catch-up plan for any delays  
Checking quality of welding of structure as per procedure  
Checking the erection & Fabrication as per quality plan test.  
Checking the erection motor control and motor drive as per procedure.  
Complete structure and equipment for pre commissioning.  
Commissioning Batching plant and make suitability  
Operate concrete batching plant 60 m<sup>3</sup>/h & 90 m<sup>3</sup>/h (CP 90&SCHWING STETTER H2 serial) support for Road work 12,000 m<sup>3</sup>/ Bridge 9,000 m<sup>3</sup> / water intake 48,756 m<sup>3</sup>/ Tunnel from intake to Power House 55,000 m<sup>3</sup> , under control system by DCS from CS-Pamh  
Owner : NTPC Loa PDR