

# Dome Phatravinij

## Permanent Address:

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Email : domephatara@gmail.com

## PROFILE

A Graduate Engineer in Industrial Technology with over 40 years of solid experience in massive EPCC projects such as Oil & Gas, Refineries, Petrochemicals, Power plants, and various other projects.

## KEY STRENGTH

Project Quality Planning & Control, EPC Project Control, Mechanical Engineering

## OBJECTIVE

To secure suitable position in Project Construction Engineering function with Multinational EPC Contractors or Oil / Gas / Petrochemical Operating Companies. Assignments that would require me to draw upon the Engineering / Construction experience I have gained over the years coupled with need to accomplish corporate goals on a fast track, would be the preferred environment where I would endeavor to stretch my potential to its limits.

## EDUCATION

1. Bachelor's Degree in Industrial Technology, Rajabhat Institute Rambhaibarni
2. Diploma in Industrial Technology, Rayong Technical School
3. Certification in mechanical, Don Bosco Technical School

## MAJOR TRAINING

DATE	COURSE NAME	INSTITUTE
03-06 Apr. 1988	Management Psychology	Human research development centre
15 Oct. 1988	Vendor training Painting	Toyo Engineering Corp.
18 Oct. 1988	Vendor training Mechanical seal	Toyo Engineering Corp.
11-14 Dec. 1988	Maintenance management	Human research development centre
23-24 Jan 1999	Failure in Boilers	Chulalongkorn university
08-23 Mar. 1990	"R.T." Level II	Office of Atomic Energy for Peace
23 –27 Apr. 1990	Advanced Fire Fighting Course	The New Zealand refining co., ltd.
22 Oct. 1991	Welding Technology	Starnation universal co., ltd

<b>DATE</b>	<b>COURSE NAME</b>	<b>INSTITUTE</b>
25 Jun. 1992	Failure analysis	Material and Corrosion Society
21-29 Sep. 1992	Welding Metallurgy	Thai French Innovation Centre
04 Mar. 1993	Loss control : Job/task analysis and Procedure	National Petrochemical Public Co., Ltd. (NPC)
11-12 Mar. 1993	Welding technology for Aluminum and Aluminum Alloy	King Mongkut's institute of Technology north Bangkok
18-22 Feb. 2008	CSWIP 3.1 Welding Inspector	TWI Mermaid Training and Technical Services Ltd.

**EXPERIENCE****STP&I PUBLIC COMPANY LIMITED****June 2007 – Oct 2018**

Working as QA/QC Manager for Algerian Qatari Steel Project, Pual Wurth Italia S.P.A (9,600 Tons)

Working as QA/QC Manager for pre-assembly onshore module of

Ichthys LNG Facilities Project, INPEX Operations Australia Pty Ltd (85,000 Tons)

Pluto LNG Project, Woodside Burrup Pty Ltd, Western Australia.( 65,000 Tons )

**RESPONSIBILITY :** For effectiveness of the project quality assurance system and manages the quality assurance group to implement quality assurance activities for :

- Preparing Project Quality Plan and Monitoring the Project quality in accordance with the Project Quality Plan and related Procedures.
- Controlling and coordinating Quality Audits for this Project and develop audit matrix.
- Developing project specific procedures in line with international and client standards.
- Preparing and implement “ Right First Time” and “ FLAWLESS “ system as per client requirement.
- Reviewing procedures affecting Project Quality.
- Reporting all Accomplishment and concerns recording Project quality.
- Initiating action to prevent the recurrence of any nonconformance of products, processes in accordance with Project Quality Plan.
- Controlling further processing, delivery, or installation of nonconforming products until the deficiency or unsatisfactory condition has been corrected.
- Reporting to the Project Manager regarding project – related activities. He remains with the line of responsibility of Quality Environment and Safety team, which reports directly to the company management.

**HEALTH SAFETY AND ENVIRONMENT**

- Ensure that all construction activities are performed in a safe, environmentally sound manner and in compliance with HSE Policies, Statutory Requirements, and HSE plant established for the project.
- Provide leadership in the implementation of all HSE initiatives on the site.
- Perform regular site inspections with regard to compliance of all personnel to HSE Plans and established safe work procedures.
- Ensure all HSE responsibilities are clearly defined and understood by all construction QC Supervisory personnel.

**Shedden Uhde (Thailand) Ltd.****April 2006-April 2007**

Working as QA/QC Manager for construction of PTCH Plant 1 Debottleneck Project, Maptaphut, Rayong.

**RESPONSIBILITY :** To implement the Project Quality Plan on the site ensuring all work performed by contractors are complies with project quality requirements, Maintaining and controlling all technical documentation and site quality records.

- Review / approve quality manuals, Inspection Test Plans (ITP's) and other quality documentation submitted by contractors engaged for work on the project.
- Ensure all technical and QA/QC documents in use by contractors are current issue.
- Record any Non-conformances in work performed by contractors, ensure disposition in accordance with project requirements.
- Conduct quality audits of contractors at intervals prescribed in the quality plan, report observations and findings and ensure corrective actions are executed.
- Review and approve QC documentation prepared by contractors for completion testing and handover of work packs, systems or parts of the plant.

**IBC CONSTRUCTION & DEVELOPMENT CO. Ltd.****August 2005-March 2006**

Working as Construction Manager for Construction of PTT Onshore Compressor Station #3 Project at Map Ta Phut, Rayong.

**RESPONSIBILITY :** A one point contact position with overall responsibility to ensure implementation and adherence to all contractual obligations as per agreed terms and conditions of Contract, entailing co-ordination with Client, Consortium Partner, internal departments i.e. Procurement, Construction, Quality, Safety, on site Contractor's representatives and man management works on project site.

- Review all procedure in line with project specification to ensure constructability.
- Ensuring all Construction Procedures and Quality norms are maintained, implemented at each level. Subcontractors strictly comply with the Project Specification/Engineering/Codes/HSE requirements.

- Ensure that all construction activities are performed in a safe manner and in compliance with HSE Policies, Statutory requirements, and HSE Plans established for the project.
- Ensure compliance of Contractors with the HSE Plan, site regulations and relevant statutes.
- Perform regular site inspections with regard to compliance of all personnel to HSE Plans and established safe work procedures.

**AKER KVAERNER (THAILAND) Ltd.****May2004-August 2005**

Worked as QA/QC Manager (PMC Services) for TTM Gas Separation Plant Project at Chana, Songkhla

**RESPONSIBILITY :**

- Verifying / Monitoring / Auditing / Surveillance check for site construction activities are being implemented in accordance with the Project Quality Plan.
- Review and approve quality related procedure in line with project quality plan to ensure suitable for the site work.
- Recommending solution to the quality concerns at site. Closely monitoring solution being implemented to resolve the problem.
- Coordinate with site internal organization to resolve quality concern & countermeasures and advising Site Manager for necessary action.
- To ensure that non-confirmation should not reoccur and contractor is strictly adhering to the corrective and preventing actions.
- Organize meeting with contractor & Subcontractor personnel. Organize training to train them wherever necessary.
- Ensuring all Construction Procedures and Quality norms are maintained, implemented at each level. Contractor strictly complies with the Project Specification/Engineering/Code requirements.

**ESSO (THAILAND) PUBLIC CO. Ltd****July 2003-April 2004**

Worked as Field Mechanical Engineer for Sriracha Refinery Umbrella revamping Project (Turn Around 2004).

**RESPONSIBILITY :** Expedite the work progress to meet Turn-Around schedule. Inspection, Review job method statement to implement before introduce to shutdown work. Witness the inspection hold points of mechanical work. Evaluate the acceptance criteria to ensure 8 years reliability till next Turn-Around.

**NATIONAL PETROCHEMICAL PUBLIC Co., Ltd. ( Presently, has been changed to PTTGC)  
1988-June 2003**

Worked as Section Head (Equipment Inspection Sections) Control the inspection of boiler, pressure vessel, storage tank, lifting equipment, safety protective equipment and piping system for Olefins Plant and Jetty & Tank Farm.

**RESPONSIBILITY :** Planning and maintaining inspection schedule. Evaluate and improve the inspection plan & inspection standard. Inspect quality of materials before use, review mill test certificates in accordance with Codes, Standards and Project Engineering specification requirements. Quality control of construction and maintenance Welding works. To Witness welding performance qualification test. Ensure NDT & DT's are carried out as per codes and project specification requirement. Interpretation / evaluation of NDT and DT test results with respect to acceptance criteria. Investigate corrosion and failure analysis by inspection & test, analyze cause of failure and prepare corrective and preventive action procedure. Planning inspection and evaluate the result of inspection on annual turnaround period.

**ACHIEVEMENT :** Successfully accomplishing repair of un-weldable material of radiant coil in cracking heater furnace by using gas burner torch technique for solution annealing to restore weld ability. Repairing the hydrogen embrittlement and blistering in reactor by grinding and welding technique. Developing remote visual tool by modifying CCTV to see internal of heat exchanger during operation, and subsequent removal of a fire blanket which was stuck on the tube sheet without shutting down the operation. There is a video to demonstrate and display the working details. Implement the Job/Task Analysis and Procedure for; Safety Valve Inspection and Testing Instruction. Set up quality control plan, schedule, implementation and supervise staff in performing quality control activities during construction, operation, maintenance and shut down period.

#### **Major Projects**

- Worked as QA/QC Manager for High Density Polyethylene Plant Project having production capacity of 250,000 Tons/year
- Worked as QA/QC Manager for NPC Combined Cycle Power Plant Project having Gas Turbine Generator 35 MW, Heat Recovery Steam Generator 75 Tons/Hr, Steam Turbine Generator 35 MW.
- Worked as Site Manager for NPC Heat Recovery Steam Generator Project having capacity of 60 Tons/ Hr.
- Worked as QA/QC Manager for NPC Ethylene Expansion Project having capacity of 200,000 Tons/year.
- Worked as QC Supervisor for NPC Olefins Plant Project having capacity of Ethylene 315,000 ton/year and Propylene 105,000 tons/year.

#### **THAI JAPAN INSPECTION CO., LTD.**

**1985-1987**

Worked as authorized representative of PTT to cater the inspection work at PTT's LPG Market Development Project site. Responsible for site inspection and acceptance of welding work, non-destructive test, pressure test of all piping systems, sphere tank for LPG and other mechanical work. Review and approve all construction and maintenance works of contractor, supervision and inspection at Bang Chak, Surat-Thani and Lampang depots.

#### **CONSORTIUM OF TOYO ENGG. CORP. / RANDALL CORP. / MITSUI & CO., LTD.**

**1983-1984**

Worked as Q.C. Inspector, (R.T. Level II). Responsible for welding inspection, review and approve welding procedure and non-destructive testing of all piping systems, activities involved in defect or

punch list of mechanical work and supervising the sub-contractors on-site, co-ordinate and control documents NDT clearance of pressure test loop and witness pressure test for PTT's Gas Separation Plant Project, at Rayong.

**P.A.E. (THAILAND) CO., LTD.****1982-1983**

Welding Supervisor, Inspect piping and pipeline for quality, conformity in Lan-Krabu Pipelines project and welder performance on Thai Shell Exploration and Production Co., Ltd.

**BROWN & ROOT INTERNATIONAL LTD.****1981-1982**

Welding Supervisor, Co-ordinate and control welder for offshore module of Production Platform and others heavy structural at Mussafah Fabrication Yard, Abu-Dhabi, United Arab Emirates.

**ANGLO THAI ENGINEERING LTD.****1979-1980**

Mechanical Technician, Prepare, install, commission and maintenance mechanical equipment in Industrials and Construction fields, Welding and Metal work for steel structure.

**THAI AUSNOR CO., LTD.****1978-1979**

Working as Supervisor, Evaporator, Fin Coil Condenser for Heat Exchanger and Cooler Production.

<b>PERSONAL</b>	Nationality	:	Thai
	Date of Birth	:	October 03, 1958
	Sex	:	Male
	Marital Status	:	Married
	No. of Children	:	Three
	Weight	:	70 kg
	Height	:	1.71 m
	Other Skill	:	Scuba diving
	Languages	:	English, Thai
	Religion	:	Catholic