



Client: PTT Public Company Limited
Position: Project Engineer
Date: 20 September 2021
Starting Date: N/A

CHAWALIT BOONTO

PERSONAL DETAILS

Date of birth: August 27th, 1989
Height: 180 Cm.
Weight: 90 Kg.
Nationality: Thai
Religion: Buddhism
Marital Status: Married

EDUCATION

Apr 2008 – Apr 2012: King Mongkut's Institute of Technology Ladkrabang
Bachelor Degree of Engineering in Department of Mechanical Engineering
May 2002 – May 2007: Sisaket Wittayalai School
High School- Mathematics - Science

SKILLS

Computer Skills: MS Office, AutoCAD
Toeic Score: 555



WORK EXPERIENCE

Jun 2019 – Present: **SUEZ Services Thailand Co., Ltd**
Position: **Mechanical / Project Engineer**
Project: **DAORUENG PROJECT, Polyethylene Recycling Plastic Plant,**
 Renewable Business, Thailand

Responsibilities:

- Participate to coordinate for conceptual design, contract agreement, tender bidding, engineering design between consultant and contractors also technologies expert team
- Participate in setting and developing plans, budget, and processes for project management to develop project plans, scopes, and objectives, to ensure completion of the projects within time, budget, and scope.
- Providing project plans and schedules which is effectively developed in collaboration with Factory Planning and Production functions
- Generally responsible for implementations and monitoring of mechanical control (Balance of Plant, Fire Fighting System, Waste Water Treatment, Process Machine) at project site, also some civil related works as per approved drawings and methods and safety rules.
- Checking and approving materials submission; Ensuring installations are compliant with approved specification, current shop drawings and current space management drawings, implementing installation quality control in accordance with specifications; Ensures that all the works done are in accordance with the approved drawings, contract documents, project specifications, and all applicable standards whether local, national or international standards, according to all applicable quality.
- Carrying out all construction and installation activities, perform testing as witnessing and accepting site testing undertaken by contractors (ITALTHAI, TAKACHIO, GOSHUKOHSAN), in order to ensuring equipment has been pre-tested and that systems are complete (including sub-systems) in accordance with need dates
- Ensures that engineering activity is compliant with project milestones. Alerts project management in case of unforeseen variation and suggests if needed mitigation measures to Project Manager

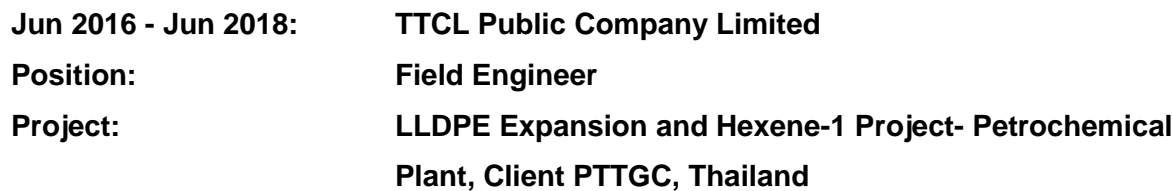


- Identifies and raises potential Project Scope Change. Coordinate estimates on budget and schedule of the Scope Change. Obtain approval and direct the implementation of the Scope Change.
- Track and evaluate project performance to follow up on the progress and solve problems and reporting to the Project Manager.
- Participate in FAT of Process Machine at China and commissioning for all mechanical systems
- Leader to coordinate in punch list, warranty, modification to upgrade the machine or system
- To collaborate with cost control and planning engineer in preparing the progress reports

Aug 2018 - Jun 2019: Foster Wheeler Thailand Limited
Position: Project Engineer
Project: CEPSA LC-FINING at Spain, Refinery Plant, Client is CEPSA,
Thailand Office

Responsibilities:

- Participates in the coordination of the engineering activities during the development of the project
- Participate in design verification reviews and meetings, such as Plot plan/ Layout reviews, P&ID reviews, 3D Model Reviews, etc. Prepares design review/ close-out reports, facilitates close-out of actions and ensure actions are incorporated in the design.
- Prepares the final P&IDs, line lists, equipment lists, material requisition for packages, etc., interfacing with the project team and the client
- Prepares and coordinates with other disciplines the P&ID, Service Diagrams, Equipment Lists, Line Lists and Tie-in Lists, keeping the appropriate file record
- Prepares the project specifications as assigned
- Reviews/Prepares the requisitions of the critical, principal equipment, assigned package units or special equipment and the corresponding technical tabulations
- Reviews and approves the vendor drawings of the equipment requisitioned.
- Identifies and follows up the contract changes
- Prepares man-hour estimates to support contract changes

**TTCL Public Company Limited**

Field Engineer

LLDPE Expansion and Hexene-1 Project- Petrochemical Plant, Client PTTGC, Thailand

- Managing site construction activities to ensure adherence to international standards, agreed budget, schedule and construction sequence particularly Storage tanks, vessels, equipment installation, equipment package, structure, associated piping etc.
- Leader to co-ordination between Client, Consultant, Contractors & Sub-Contractors, Local Authorities, Other engineering discipline etc.
- Coordinating with Project manager and design engineers to sort out engineering issues arising during construction
- Supervision of contractors works including fabrication, installation, testing, painting, commissioning of Oil & Gas facilities, particularly Storage tanks, vessels, equipment installation, equipment package, structure, associated piping etc.
- Progress monitoring, approvals, checking of Contractor's invoices with respect to the actual progress at site.
- Preparation of punch lists for mechanical completion and close-out report
- Review, comment and approve the construction related deliverables submitted by Contractors, including procedures, method statements, ITPs etc.
- Answering/Issuing Request for Information (RFI), issuing Field Change Request (FCR)
- Identifies, documents and tracks changes in scope of work and/or change orders, obtains approvals, and ensures that information needed for change orders is current and accurate.
- Documents project progress via photographs on a regular basis and maintains photo archives of project milestones from beginning to completion
- Attend daily, weekly, monthly meetings, progress meetings, providing input as needed and communicating outcomes to Project Team.

Mar 2013 - Jun 2016: TTCL Public Company Limited

Position: QA/QC Engineer

Project: PTTCH BV Project – Petrochemical Plant, Client PTTGC, Thailand

Responsibilities:

- Perform all daily inspection and test of the scope and character necessary to achieve the quality of construction required in the drawings and specifications for all works under the contract performed ON or OFF site.
- Carry out inspection and check for all quality-related procedures in the site and ensures activity at the site are as per approved method statement and inspection test plan.
- Coordinate with the Owner's representative and site In-charge for inspection and meeting about quality problems including the closure of the Non-Compliance Report.
- Report to the QA/QC Manager, control, and monitor all activities related to the Quality Management System, QMS.
- Taking care of QA/QC documents of the entire project including certificates, calibration, test results, inspection requests, non-compliance reports and site instruction/observations, permanent materials delivered, and other QA/QC documents. Responsible for the closure of Non-conformance, Nonconformance Report, NCR, and Site Instruction, SI.
- Responsible for the quality and workmanship of every activity, thorough knowledge of all phases of engineering construction relating to piping, mechanical, and structural discipline interfacing the multidisciplinary operations.
- Develop a method statement for the activity including risk assessment and job safety environmental analysis and Inspection Test Plan and Checklist based on specifications of the project.
- Carry out internal audit at the site as scheduled in the Project Quality Plan, PQP.