

CHAYANAN HOMNAN

MECHANICAL ENGINEER



SKILLS SUMMARY

Language

English

- Reading : Good
- Listening : Good
- Speaking : Moderate
- Writing : Good

Computer

Mircrosoft Office

- Word : good level
- Excel : good level
- Powerpoint : good level

AutoCAD : good level

Solidwork 3D : excellent level

Driving

Yes (have Driver's license)

AWARDS RECEIVED



4-channel radio-controlled small aircraft competition, Chiang Mai Sep 2013

CONTACT ME AT



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PERSONAL PROFILE

- ♦ **Gender:** Male
- ♦ **Birth Date :** 9 / Feb /1995
- ♦ **Age :** 30 Years old.
- ♦ **Height :** 172.0 cm.
- ♦ **Weight :** 65.0 kg.
- ♦ **Nationality:** Thai
- ♦ **Military Status:** Passed
- ♦ **Expected Salary :** Negotiable

EDUCATIONAL HISTORY

Bachelor of Engineering

Mechanical Engineering | Aug 2014 - Oct 2018

- ♦ Rajamangala University of Technology Lanna
- ♦ GPA 2.80

TRAINING & CERTIFICATE

- ♦ License for Professional Practice
- ♦ Basic Safety
- ♦ Basic Fire Fighting
- ♦ Confined Space Certificate
- ♦ Work at Height

SUMMARY OF QUALIFICATION

- ♦ Over 3 years of experience in controlling production and installation of piping system, and managing a project.
- ♦ Knowledge of (ASME) piping system design standard.
- ♦ Action oriented with ability to communicate effectively with main Contractor.
- ♦ Able to read and interpret piping drawings, GA and P&ID.
- ♦ Able to provide knowledge and advice to team about piping engineering and installation.
- ♦ Able to implement analysis and evaluation skills to predict problems and prepare for them in advance

OTHER QUALIFICATIONS

- ♦ Ability to work effectively under pressure.
- ♦ Able to analyze and solve unexpected problems.
- ♦ Excellent communication, coordination, and managerial skills.
- ♦ Eager to learn new things on a regular basis.
- ♦ Leadership, highly responsible, good human relations, fast learner, open minded, active, analytical thinking.

WORK EXPERIENCE

ESP GROUP (ASIA) Limited

Project Engineer | 2025 – Now



Project: Inspect and repair fuel tank number T-79

Location: PTTOR Sriracha Oil Terminal (Chonburi)

Period: Apr-25-Present

Company: ESP GROUP (ASIA) Co., Ltd.

Position: Project Engineer

Responsibilities: Operations Department

- Support planning and defining the scope of the project in collaboration with the team.
- Create project schedules and monitor project progress.
- Coordinate with various teams, such as design, procurement, and installation teams, to ensure the project progresses as planned.
- Inspect and ensure the project conforms to blueprints and engineering standards.
- Conduct tests and quality inspections of materials and installations on-site.
- Prepare inspection reports and documentation.
- Monitor and control project expenses to ensure they remain within the allocated budget.
- Participate in planning the procurement of necessary materials and equipment.
- Coordinate with the finance and accounting departments regarding payments and financial reporting.
- Analyze potential risks in the project and develop preventive plans.
- Inspect and ensure that operations comply with safety standards.
- Coordinate with the safety team (Safety Officer) and take corrective actions when issues arise.
- Organize and manage all project-related documents, such as drawings, meeting minutes, and progress reports.
- Review and verify documents before distributing them to relevant parties.
- Act as the liaison between teams, clients, contractors, and stakeholders.
- Organize meetings to monitor progress and resolve any arising issues.
- Report project progress to management or clients as required.

CAZ (Thailand) Public Company Limited

Piping Engineer | 2022 – 2025



Project: Sakura Project

Location: AGC Viny Thai Public Company Limited (MTP1 Plant - Headquarters) Rayong

Period: Sep23-Mar25

Company: CAZ (Thailand) Public Co., Ltd.

Position: Piping Engineer

Responsibilities: Piping Department

- Supervise and control the installation to ensure compliance with package term.
- Plan and set schedule of work to complete on time.
- Perform Tie-in Package and Hydro test Package preparation.
- Update the status of daily package preparation.
- Review the accuracy of drawings/P&ID/documents to ensure compliance with package regulation.
- Review Drawing, Detail pipe spool, pipe support and painting specification for fabrication work.
- Control and create a package plan in accordance with piping system priority and owner regulation.
- Deal with operational problems outside the workplace to achieve the goals.
- Supervise safety procedures and take care of the environment in the work area.
- Attend the meeting with supervisor and foreman to update installation progress and operational problems.
- Monitor manpower for construction work.
- Perform other duties as assigned by manager.

Project: Propane Supremacy Project (C3 Supreme) Tie-in

Location: PTT Rayong Gas Separation Plant

Period: Sep23

Company: CAZ (Thailand) Public Co., Ltd.

Position: Piping Engineer

Responsibilities: Piping Department

- Plan and set schedule of work to complete on time.
- Supervise and control the installation to ensure compliance with package term.
- Perform Tie-in Package and Hydro test Package preparation.
- P&ID mark up and Drawing mark up.
- Review the accuracy of drawings/P&ID/documents to ensure compliance with package regulation.
- Control and create a package plan in accordance with piping system priority and owner regulation.
- Update the status of daily package preparation.
- Control the preparation of package to meet the target.
- Coordinate engineering with different departments to achieve work the goals.
- Review NDT (UT, PT, MT, RT).
- Monitor and report installation progress to team and engineer.
- Report Daily package progress.



- Report weekly package progress for weekly meeting.
- Provide detailed method statement to perform an action for commissioning team.
- Monitor manpower for construction work.
- Perform other duties as assigned by manager.



Project: Shop Fabrication pipe spool Thai Oil Project (TOP)
Location: Shop CAZ (Thailand) Public Co., Ltd. Huai-pong Rayong
Period: May23-Sep23
Company: CAZ (Thailand) Public Co., Ltd.
Position: Piping Engineer

Responsibilities: Piping Department

- Report weekly package progress for weekly meeting.
- Prepare for team members, equipment and any information used for operation.
- Plan and set schedule of work to complete on time.
- Review material and equipment specifications for piping fabrication work and painting.
- Review Drawing, Detail pipe spool, pipe support and painting specification for fabrication work.
- Control delivery pipe spool to site.
- Perform other duties as assigned by manager.

Project: CG3(OLE) Turnaround 2023

Location: PTT Global Chemical Public Company Limited (Branch 3)

Period: Dec22-Mar23

Company: CAZ (Thailand) Public Co., Ltd.

Position: Piping Engineer

Responsibilities: Piping Department

- Plan and set schedule of work to complete on time.
- Perform Tie-in Package and Hydro test Package preparation.
- P&ID mark up and Drawing mark up.
- Review the accuracy of drawings/P&ID/documents to ensure compliance with package regulation.
- Control and create a package plan in accordance with piping system priority and owner regulation.
- Update the status of daily package preparation.
- Control the preparation of package to meet the target.
- Coordinate engineering with different departments to achieve work the goals.
- Supervise and control the production and installation of piping to ensure that work is completed on time.
- Review NDT (UT, PT, MT, RT).
- Report Daily package progress.
- Report weekly package progress for weekly meeting.
- Provide detailed method statement to perform an action for commissioning team.
- Attend the meeting with supervisor and foreman to update installation progress and operational problems.
- Monitor manpower for construction work.
- Perform other duties as assigned by manager.





Project: Olefins 2 Modification Project (OMP)

Location: PTT Global Chemical Public Company Limited (Branch 3)

Period: May22-Mar23

Company: CAZ (Thailand) Public Co., Ltd.

Position: Piping Engineer

Responsibilities: Piping Department

- Cost Control and Good Experience in Piping Layout Drawing, P&ID, Isometric, Construction & Test Packages and Commissioning.
- Review drawings/P&ID/documents to ensure compliance with package regulation.
- Plan and set schedule of work to complete on time.
- Create a package plan in accordance with piping system priority and owner regulation.
- Supervise and control the installation to ensure compliance with package term.
- Report weekly package progress.
- Review NDT (UT, PT, MT, RT).
- Improve a package work procedure and installation process on a regular basis.
- Update and prepare drawings/GA/P&ID/pipe support details to team member before piping installation.
- Create an action plan for installation to ensure compliance with project's safety regulation.
- Provide detailed method statement to perform an action for piping install.
- Prepare a plan for daily, weekly and monthly look ahead and report to manager and team.
- Supervise safety procedures and take care of the environment in the work area.
- Monitor manpower for construction work.
- Update important and useful information to piping installation team.
- Attend the meeting with supervisor and foreman to update installation progress and operational problems.
- Follow up work progress for package and make daily summary report.
- Perform other duties as assigned by manager.

IBC Industrial Company Limited, Thailand

Piping Engineer | 2021 – 2022



Project: Fifth Transmission Pipeline Project Phase 3 (5TP3)

**Location: Gas Control Station (Block Valve) GDF5&TP5MX
at Rayong**

Period: Jan22-Apr22

Company: IBC Industrial Company Limited, Thailand

Position: Piping Engineer

Responsibilities: Piping Department

- Perform package preparation, and check the accuracy of drawings/P&ID/documents to ensure compliance with package regulation.
- Create a package plan in accordance with piping system priority and owner regulation.
- Supervise and control the installation to ensure compliance with package term.
- Report weekly package progress
- Improve a package work procedure and installation process on a regular basis.
- Update and prepare drawings/GA/P&ID/pipe support details to team member before piping installation.
- Create an action plan for installation to ensure compliance with project's safety regulation.
- Monitor and report installation progress to team and engineer.
- Update important and useful information to piping installation team.
- Coordinate with main contractor and owner to solve operational problems.
- Coordinate engineering with different departments to achieve work the goals.
- Attend the meeting with supervisor and foreman to update installation progress and operational problems.
- Deal with operational problems outside the workplace to achieve the goals.
- Monitor manpower for construction work.
- Perform other duties as assigned by manager.
- To ensure sufficient quantity of material on hand.
- Perform other duties as assigned by manager.



Project: Fifth Transmission Pipeline Project Phase 2 (5TP2)
Location: Gas Control Station (Block Valve) at Chachoengsao, Prachinburi, Ayutthaya, Bangkok, Pathum Thani, and Nonthaburi provinces. (13 Block Valve 6 Provinces)

Period: Sep21-Jan22

Company: IBC Industrial Company Limited, Thailand

Position: Piping Engineer

Responsibilities: Piping Department

- Perform and Provide Drawing, Detail pipe support and painting specification to team for fabrication work.
- Prepare for team members, equipment and any information used for operation.
- Review material and equipment specifications for piping fabrication work and painting work.
- Provide detailed method statement to perform an action for piping install.
- Review Drawing, Detail pipe support and painting specification for fabrication work.
- Assisted project planning teams by providing data on scheduling, cost estimating and project scope calculations.
- Supervise and control the production and installation of piping to ensure that work is completed on time.
- Supervise safety procedures and take care of the environment in the work area.
- Control the operations of contractors, and coordinate with main contractors.
- Coordinate engineering with different departments to achieve work the goals.
- Prepare a work progress report, and send them to owner on a daily and weekly basis.
- Control/check operational costs and project progress.
- Create an action plan for piping installation in accordance with project's safety regulation.
- Control and check direct/indirect labor.
- Prepare a project summary report.
- Prepare any information, and report weekly work progress to owner and CEO.
- Issue an invoice, and check the accuracy of document before sending them to project manager.
- Solve operational problems to achieve the goals.
- Monitor manpower for construction work.
- Perform other duties as assigned by manager.



Project: Co-Operative Education in Mechanical Engineering

Location: Chiang Mai International Airport

Period: Jun18-Oct18

Company: Airports of Thailand Public Company Limited

Position: Maintenance Engineer

Responsibilities: Airport Maintenance Department

- Plan and undertake scheduled maintenance.
- Respond to machine or equipment breakdowns.
- Diagnose faults and repair machine or equipment.
- Supervise engineering and technical staffs.
- Monitor and control maintenance costs
- Ensure compliance with health and safety legislation
- Create maintenance procedures and manage stocks of supplies and equipment.
- Perform other duties as assigned by manager.