

## CURRICULUM VITAE



Name		MR.AUTTAPON BOONMUANG
Expected Salary		N/A
Date of Birth		October 6,1976
		ID Card No: 3649900032038
		Mobile Phone : 085-3910406

### Professional Qualification

From	To		
2014	2016	Master Degree of Engineering in Industrial Management Engineering	King Mogkut's University of Technology North Bangkok(มหาวิทยาลัยพระจอมเกล้าพระนครเหนือ)
1998	2004	Bachelor degree of Welding Engineer	King Mogkut's Institute of Technology North Bangkok (สถาบันฯพระจอมเกล้าฯพระนครเหนือ)

### Area of Expertise

- Project management knowledge
- Engineering economics.
- Financial management.
- MS Project, MS office
- Inspection for Welding ,Piping , Fabrication for Statics equipment.
- NDT(PT,MT,RT,UT)

### Summary of Work Experience

#### 1. 2017-Present The Crane Laem Chabang Co., Ltd. (บริษัท เดอะเครนแหลมฉบัง จำกัด)

Fabrication and Construction Department (Static Equipment ,Structure, Piping)

Position : Construction Manager

Job Description: Respond construction (structure , piping and tank) and maintenance works

Fabrication & Construction

- SILO FOR WATER STORAGE 33 TANK
- AGITATOR MIXER TANK 4 TANKS
- GIRDER FOR WORK SHOP 22 EA
- PLATFORM
- MODIFY DIAPHRAGM WALL GAP
- SUPPORT LOAD TEST 3,000 TON
- MODIFY PIPE 8"

#### 2. 2013-2017 PTT Maintenance and Engineering Co., Ltd.

Position : Engineer

Job Description Respond construction (structure ,piping and tank) and maintenance works

Project Reference

- Civil , Mechanical , Piping Work

Tank No.63T001C,63T003,69T050C,41T001,69T073A,69T082B,69T062C,69T086A,61T004C,69T046,69T094B

69T094C,69T094D,69T095B,69T095C,69T095F,69T096A,69T096B,69T097A (IRPC Plant Rayong,Thailand)

- Cleaning, Mechanical , Piping Work

Tank No. 02T008,02T009,02T011 (IRPC Plant Ayuttaya,Thailand)

Tank No. LB06,TK04,TK08,TK10 (IRPC Plant Samutprakarn,Thailand)

**Job Description**

- Co-ordinate all aspects of engineering project, budgeting, scheduling and project control.
- Review material requisition and technical bid evaluation for project work.
- Provide mechanical/piping engineering design and construction package to support new projects of mechanical equipment (Tank) and piping.
- Execute project which include identify project scope cost estimate, obtain budget approval, budget control, detail design, quality control, schedule control.
- Coordinate for material and prepare material requisition for the projects till material receiving.
- Manage and control of construction work to meet quality, safety, law and customer regulations.
- Analyzed customer proposals and select the appropriate construction methods and strategies.
- Manage and control of the project according to an agreed baseline schedule.
- Planning ahead to prevent the problems
- Supervised and guided other staff and sub-contractor throughout the construction process.
- Review the work progress on a daily basis and communicate/supervise to the team, sub-contractor and owner.
- Report work in progress and meeting with customer, then prepare and distribute the minutes of meeting to participants.
- Respond for work delay, other problems and all emergencies onsite.
- Prepare document of work progress and relate document for Accounting Dept. for invoicing.
- Manage the project and be the representative of our company with client.
- To organize the project team member, cost/schedule/quality control.
- Review contract technically & commercially
- Provide Bidding & Proposal
- Responsible for managing, planning and organizing project. Typically, it includes overall engineering, materials, construction, manpower and schedule planning. Provides logistic direction to ensure effective procurement and schedule compliance. Responsible for testing and commissioning have completed projects for handing over to clients. Second level management responsibilities for assigned projects
- Establish schedule for tender purposes
- Establish detailed project schedule activity, including methods and work procedures
- Establish project budgets
- Kick off meeting & task briefing

- Organizes proper units for operation of the project
- Review and monitor construction activity schedule including the analysis of costs, progress and other productivity data
- Monitor procurement planning and delivery
- Approve progress reports for purposes of making claims for payment for jobs completed
- Certify sub-contractors progress reports for payments
- Attend meeting with customer & problem solving, CRM
- Co-ordinate all functions within project Team
- Monitor variation orders initiated by Construction Manager or other appropriate personnel
- Maintain close contact and relationship with clients on clients changes and suggestions
- Maintain close contact and relationship with vendors and consultants
- Review payment to supplier & customer
- Coordinate and follow up with construction team until project completion.

**Position: Senior Engineer**

**Project Reference**

- New Fabrication piping & Structure High performance of MRU Project at PTT PLC GSP Plant, Rayong, Thailand
- Modify Piping & Instrument Diagram Butadiene Extraction Unit C4 Acetylenes Condensing System Instrument Work. Shutdown 2017 for BV Project at PTTGC#3 Plant, Rayong, Thailand
- Shutdown 2017 for Oleflex Plant PTTGC#2 Plant, Rayong, Thailand\_

**Job Description (Leader for QA/QC)**

- To Prepare of QA/QC procedure and test Inspection Plan for the project. To ensure that the work is done as per approved Construction drawings, Specifications and Standards as set forth in the contract document.
- Coordinate to various QA/QC discipline Engineers at the site and must implement the direction PED (Process flow diagram), P&ID (Process and Instrument Drawing/Diagram) representatives.
- Responsible for Inspection such as Equipment Foundations, Walls, Columns, Beams etc. with approved Construction Drawings, and projection Engineering Standards and Preparation Inspection check sheet to the Client representatives
- To ensure that all Subcontractors mechanical activities are carried out in accordance with the appropriate specifications and qualified procedure.
- To ensure that equipment and materials supplied by Sub- Contractors are accordance with the contract requirements by participating in inspection activities on Equipment and Mechanical material arriving at site.
- Daily Inspection and Surveillance in the erection and welding of the Structure and Process piping
- Daily Monitoring of Quality Control and Quality Assurance for these products and supply with relevant standards that exist on the execution of project.

- Conduct visual inspection of correct weld appearance and reinforcements with reference to approved project codes and specifications
- Witnessing of welder qualification test, welding procedure qualification test and destructive testing.
- Prepare inspection checklist and reports and maintain QA QC documentation records for Q.A. audit and turnover to client.
- To monitor and Surveillance the execution by Sub- Contractor and their subcontractors of the agreed works in Mechanical, Equipment, Vessel and Pumps, Piping and Welding associated work and Carry out day to day Quality Control Inspection activities including the Safety Walkabout.
- Responsible for the coordination to the Client Inspector or nominal Inspection Agencies.
- Daily Inspection and Monitoring all construction activities such as equipment installation, Piping and Welding as per client required procedure and documents, if found any discrepancy between procedures and actual work, Internally issued Surveillance or NCR to issue to construction discipline.
- Reviewing of all Sub-Contractors in Project QC Procedures, Inspection and Test plan and Work methodology
- Responsible for QA/QC reviewing of contractor NDT reports such RT, PMI, PWHT, DPT and MT.
- Responsible for QA/QC monitoring and inspection of contractor sandblasting and coating works on aboveground piping.
- Carry out Supervision on line checks on critical system during punch listing activities, maintain Inspection records, QC records , work procedure approvals, NDT reports procedures and personnel qualification
- Witnessing, checking and inspecting of hydrostatic and pneumatic test, for both piping and static equipment.
- Prepare document by up-dating welding and NDT reports on tractability records for the release of document completed.
- Prepare inspection reports and maintain QC documentation records for Q.A. audit and turnover to client.
- Perform other quality control activities as required by quality control manager.
- Attend QC meeting with General Contractors and Sub contractors and other Discipline to discuss and resolve any day to day QC problem on site.

### 3. 2012-2013 Chatr kanchang Lamchabang Co.,Ltd (บริษัท จัดการช่างแหลมฉบัง จำกัด)

Position : QA/QC Engineer

#### Project Reference

- New Installation Piping & Structure VRU Project PTTGC#5
- New Installation Piping & Structure D1 at PTTGC#6

#### Job Description

- Co-ordinate all aspects of engineering project, budgeting, scheduling and project control.
- Review material requisition and technical bid evaluation for project work.
- Provide mechanical/piping engineering design and construction package to support new projects of

mechanical equipment (Tank) and piping.

- Execute project which include identify project scope cost estimate, obtain budget approval, budget control, detail design, quality control, schedule control.
- Coordinate for material and prepare material requisition for the projects till material receiving.
- Manage and control of construction work to meet quality, safety, law and customer regulations.
- Analyzed customer proposals and select the appropriate construction methods and strategies.
- Manage and control of the project according to an agreed baseline schedule.
- Planning ahead to prevent the problems
- Supervised and guided other staff and sub-contractor throughout the construction process.
- Review the work progress on a daily basis and communicate/supervise to the team, sub-contractor and owner.
- Report work in progress and meeting with customer, then prepare and distribute the minutes of meeting to participants.
- Respond for work delay, other problems and all emergencies onsite.
- Prepare document of work progress and relate document for Accounting Dept. for invoicing.
- Manage the project and be the representative of our company with client.
- To organize the project team member, cost/schedule/quality control.
- Review contract technically & commercially
- Provide Bidding & Proposal
- Responsible for managing, planning and organizing project. Typically, it includes overall engineering, materials, construction, manpower and schedule planning. Provides logistic direction to ensure effective procurement and schedule compliance. Responsible for testing and commissioning have completed projects for handing over to clients. Second level management responsibilities for assigned projects
- Establish schedule for tender purposes
- Establish detailed project schedule activity, including methods and work procedures
- Establish project budgets
- Kick off meeting & task briefing
- Organizes proper units for operation of the project
- Review and monitor construction activity schedule including the analysis of costs, progress and other productivity data
- Monitor procurement planning and delivery
- Approve progress reports for purposes of making claims for payment for jobs completed
- Certify sub-contractors progress reports for payments
- Attend meeting with customer & problem solving, CRM
- Co-ordinate all functions within project Team
- Monitor variation orders initiated by Construction Manager or other appropriate personnel

- Maintain close contact and relationship with clients on clients changes and suggestions
- Maintain close contact and relationship with vendors and consultants
- Review payment to supplier & customer
- Coordinate and follow up with construction team until project completion.

#### 4. 2009-2012 IRPC (Public) Co.,Ltd (บริษัท ไออาร์พีซี จำกัด(มหาชน))

Position: Maintenance Engineer

- Risk based assessment and consequence analysis

##### Project Reference

- Leader Inspection of flare T/A 2011 TFLT, TF2 (Tank Farm)
- Repair & Inspection piping on common pipe rack (All plant in IRPC)
- Repair & Inspection piping at box culver
- Inspection Hydrogen Pipeline by Pigging
- Execution team Inspection stationary equipment at ADU, DCC Plant IRPC
- Turnaround 2011 (Responsibility Inspection for Column, Heat Exchanger, Drum, Tank, Furnace)

##### Job Description

- Risk assessment and consequence of pipe line.
- Prepared bidding (TOR) & Clear Scope of work with Contractor.
- Review for official inspection document
- Estimate Cost & Control Budget for inspection work
- Control Schedule Project of Work.
- Directing and controlling all inspection related activities associated with the control of Plant Reliability and Integrity, and Plant Shutdown performed by Subcontractor organizations and directing the Inspection teams accordingly.
- Reviewing Plan test requirements to ensure consistency with Plant specification Undertaking inspection in accordance with equipment and pipe work inspection schedules and advising and recommended to manager recommendations or repairs to sustain integrity.
- Preparation of Shutdown Inspection schedules associated with Maintenance planning.
- Conducting visual inspection and Corrosion monitoring in all Vessels Skirts supports and Fireproofing condition.
- Conducting corrosion monitoring, Thickness gauging, Coating inspection in all Pipe support and Visual inspection on Spring hanger adjustment with Load and Without load.
- Conducting Visual inspection in all Equipment and Piping painting and Corrosion monitoring UT thickness gauging in material thickness.
- Conducting visual inspection in Hot and Cold insulation, after removal of cladding in all Equipment and Piping to check the condition of Insulation and lags reliability.
- Conducting visual inspection in all equipment earth-lug nuts, and damages with an assistance of Electrical department in earth-lug resistance test.

- Conducting Visual inspection, Corrosion monitoring Thickness gauging in all Drains and Vents of Equipment and Piping. Including functional test of the valves.
- Conducting External Visual inspection, Witness on Calibration Pop test in all Pressure Safety Valves (PSV). Visual inspection to check the Test duration, PSV Identification, Coating and Bolt tightening.
- Conducting Visual inspection in Pipe-racks Platforms, Gratings clips, Ladders Spiral and vertical, Walkway for all Equipment and Building. Checked corrosion and materials condition, Weldments and Bolts and nuts condition.
- Reviewing all inspection schedules to ensure all schedules PM's are planned and completed in accordance with due date. Dates that no Equipment is allowed to remain in service beyond scheduled dates without Work Management Approval.
- Contract with third party or statutory inspection bodies and coordinating inspection requirements as necessary.
- Developing and scheduling corrosion monitoring systems, through Inspection and Testing of Equipment, Conducting RBI Risk Base Inspection such as Boiler, Pressure Safety Valves, Heat Exchanger, Pumps, Tanks, Vessel and Compressor.
- All RBI assessment are reporting to Engineering Manager, Reviewing and approving of Working Site Instruction on Maintenance Works. Work Methodology, ITP Inspection and test plan of Polyethylene Plant, Maintenance and Plant Inspection Department
- Summary& Conclusion Report (Result) & Presentation Close Job.

## 5. 2008-2009 PAE (Thailand) Public Co.,Ltd

Position : QA/QC Engineer

### Project Reference

- Modification For C4 Raffinate Exportation
- Supervise and Control Quality testing and Inspection to ensure compliance to code
- Handle and Supervise Document for QC assignment, scheduling and preparation
- Preparation test and Inspection data and report
- Coordinate with clients , Coordinate with third party
- Carry out other duties as assigned
- Consumable calculation of weld active
- Drawing draft For Project drawing modifies on field
- Execution on site for fabrication erection steel structure and piping
- Preparation WPS & PQR , ITP For Piping ,Static Equipment Work

## 6. 2007-2008 EAKTHANAT Co.,Ltd

Position : QA-QC Manager

### Project Reference

- Fabrication New WR-WS line At Jetty (IRPC).
- Maintenance Pipeline at Thai Petrochemical Industry (Public) Co., Ltd

## 7. 2006-2007 I-TEC Construction (Thailand) Co.,Ltd

Position : Project Site Engineer

### Project Reference

- Turnaround IRPC (Public) co.,Ltd (Tie-in CHP Project)
- Piping Yearly Contract 2008
- Num-grum 2 project headrace tunnel (LAOS)
- Remove & New install handrail, grating, plate-form.
- Re-paint pipe TF 1 area.
- Leakage maintenance of steam pipe.
- Install new & re-tube chiller.
- Turnaround Thai nitrate.
- Turnaround Thai nitrate (Manpower supply & additional work).
- TPI Power plant.
- Provide fire fighting for vent gas system.
- Parallel waste water from ABS to WWT plant.
- Install the gas ventilation system 7 line.
- Piping Work for repair line WS/WR and WP At CD-1.
- Piping Work for provide slop system at LCP Jetty.
- Piping Work for provide portable water pipe line at Jetty.
- Construction Fire Protection Guard System At Jetty.
- Turnaround Advance Agro (Public) Co., Ltd 2007
- Turnaround (Thai nitrate Co., Ltd)
- Modify hydrogen line from ethylene
- Renew condensate & oil cooler TWL.

## 8. 2004-2006 Siwa Testing Inspection & Consulting Co., Ltd

Position : Material & Testing Inspection Engineer.

### Project Reference & Job Description

- PTT Gas Separation (Public) Co., Ltd Annual Turnaround 2005 Project / Rayong / Inspection and Non-destructive testing of GSP#1 Unit equipment during turnaround schedule / Heat Exchanger Storage Tank, Column and Drum
- NFC Fertilizer (Public) Co., Ltd Plant Shutdown / Maptaput Industrial Estate, Rayong / Non-destructive of Equipment for Unit 300,400 shutdown plan schedule / piping
- Bayer (Thailand) Co., Ltd Annual Contract for radiographic Testing service for Construction / Maptaphut, Industrial Estate Rayong / Inspection and Non-destructive testing of equipment Reactor 5 in BPA unit Storage tank and general welding works.
- Siam Mitsui PTA Co., Ltd Repair Acetic pipe-line / Hemmaraj Industrial Estate Rayong / Radiographic Testing of EFT.



- Rayong olefins co., Ltd Turnaround 2004 / Maptaput, Rayong /Inspection and Non-destructive testing of Fire heater (Cracking Furnace) fire heater, piping and heat exchanger / visual inspection coils furnace H-100C
- Blue Scope Steel Co., Ltd Inspection Piping Project / Hamaraj Industrial Estate ,Rayong /Non-destructive of equipment for piping
- Thai Plastic Co.,Ltd Inspection Piping Project / Maptaput Industrial Estate ,Rayong /Non-destructive Equipment for piping and Interpreted RT films

## 9. 2002-2004 General Record Industrial International Co.,Ltd

Position : Production Engineer

- Control of production line (Order, Quality, Transportation)
- Staff training for work production line procedure, Repair and Maintenance Painting & mold injection Machine

### *Training and On The Job Training*

- - RT Level II 16 -hour training in accordance with the company (STIC),s current written practice for Personnel Qualification in Non-destructive Testing Established in accordance with the American Society for Non-Destructive Testing Recommend Practice no.SNT-TC-1A (current code accepted edition) February 2-4,2005
- RT Level II training in accordance with METCON TNDT s current written practice for Personnel Qualification in Non-destructive Testing Established in accordance with the American Society for Non-Destructive Testing Recommend Practice no.SNT-TC-1A (current code accepted edition) November 29,2009
- UT Level I 40- hour training in accordance with Thai-France innovation Centre written practice for personnel qualification and Certification in Non-destructive Testing established in accordance with to ISO 9712 EN473 Non-destructive Testing (current code accepted edition) June 6, 2004
- MT & PT Level II 40- hour training in accordance with DP Engineering written practice for Personnel Qualification in Non-destructive Testing Established in accordance with the American Society for Non-Destructive Testing Recommend Practice no.SNT-TC-1A (current code accepted edition) November 30,2007
- Understanding and Auditing Phased Array Ultrasonic training in accordance with Metrology Inspection On May,2011
- Advance NDT and Mechanical Test for WPS,PQR,WQT training in accordance with KMUTT On May,2009
- Confined space training in accordance with IRPC,PTTME
- Hazard identification and risk assessment training in accordance with NPC Rayong, Thailand On May, 2009.
- CSWIP 3.1 Fusion welding inspector training On April, 2011

## Special Skill

Inspection Weld for Piping ,Structure, Tank, Vessel and NDT. Fabrication static equipment ,