



Curriculum Vitae

Name : Mr. Jaroonroje Jirapakhawat (นายจรูญโรจน์ จิรภควัฒน์)
Sex : Male **Marital Status**: Married **Date of Birth** : February 27, 1972
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Rayong, Province 21000
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Education

1997-1999	Rajabhat Institute Rajanagarindra Bachelor of Science in Industrial Technology (Electronic)	Chachoengsao
1987-1992	Bangkok Technology College Vocational and High Vocational School of Electronic	Bangkok

Working History

Aibel (Thailand) Co.,Ltd.

Chon Buri

November 2020 – Present / EIT MC Engineer

Johon Sverdrup P2 Project (Module Platforms Offshore)

Equinor(Norway)

- Ensure all MC activities are conducted in a safe and controlled manner in accordance with site procedures and the PTW system
- Review the MC report System(ProCoSys) population and allocation for all EI&T discipline requirements prior to EI&T MC activities commencing
- Ensure all EI&T preservation and protection activities are completed as per Project Preservation and Protection Procedure
- Field inspection and witness all MC activities relating to EI&T scope, signing off the necessary MC report as required
- Work with construction in the changeover from area completion to sub system completion as early as possible to accommodate commissioning priorities across all EI&T disciplines
- Daily monitoring of MC report System(ProCoSys) status versus physical construction completion status to identify opportunities for early handover of MC and Commissioning Packages
- Update status in MC report System(ProCoSys) daily and provide input to MC Manager around project priorities and planning activities relating to the EI&T disciplines
- Carry out in house pre-line walks of MC Packages and Commissioning Packages in advance of joint walk downs to review actual progress and readiness for joint walk down
- Participate in joint line walks and punch out of offered MC Packages and Commissioning Packages with Owner and assist with completion of all handover documentation
- Punch out of offered MC and Commissioning Packages, agree and maintain consolidated Punch Lists for input into MC report System(ProCoSys)
- Ensure quality of MC report, MC Packages and Commissioning Packages completion documentation throughout the full MC phase of the project

GC Maintenance and Engineering Co.,Ltd.August 2019 – October 2020 / **Instrument Supervisor****Rayong
GC Polyols Co.,Ltd.****GC Polyols Project (Polymer Plant)**

- Inspection Material Receive all Equipment
- Inspection Cable Tray Conduit and Stanchion & Support Installation
- Inspection Instrument Panel, Junction box, Auxiliary Panel, Console Panel Installation
- Inspection Cable Pulling, Cable Dressing, Cable Arrangement
- Inspection Cable Insulation Test, Cable Gland and Cable Termination Installation
- Inspection Calibration Test, Instrument Installation, Loop Test, Function Test
- Inspection Air Manifold Installation and Tubing Installation, Impulse line Leak Test
- Inspection Gas Detector, Flame Detector, Linear heat detector Installation and Function Test
- Inspection Auto Warehouse System and Function Test
- Inspection Load Cell, Track Weight Scale Installation and Function Test
- Inspection Equipment Track Loading for TAS System
- Trouble Shooting Support for Commissioning and Start up Plant
- Clear Punch List and Review all Inspection Report for MC Packet Project

MKK Asia Co.,Ltd.March 2019 – July 2019 / **E&I Supervisor****Rayong
Sonyo Kasei (Thailand) Co., Ltd.****Glyciale Product Project (New Product Unit for Chemistry)**

- Inspection Material Receive all Equipment
- Installation and Inspection Cable Tray, Leader, Conduit and Stanchion & Support
- Installation and Inspection Instrument Panel and Junction box
- Installation and Inspection Cable Pulling, Gland, Termination
- Installation and Inspection Control Cable Insulation Test, Loop Test
- Inspection Calibration Test All Instrument Equipment
- Installation and Inspection Tubing, Impulse line and Leak Test
- Installation and Inspection Gas Detector, Loop Test
- Installation and Inspection LV Motor and SOLO Run Test
- Installation and Inspection Grounding & Lightning Protection
- Installation and Inspection MCC and SAT, Function Test
- Installation and Inspection Fire Alarm System and Function Test
- Commissioning and Start up Support for Run Process

November 2018 – February 2019/ **E&I Supervisor Kao Industrial (Thailand) Co., Ltd.****EQ-2 Project (New Unit for Hair Care Chemistry)****Chon Buri**

- Inspection Material Receive all Equipment
- Installation and Inspection Cable Tray, Leader, Conduit and Stanchion & Support
- Installation and Inspection Instrument Equipment
- Installation and Inspection Instrument Panel and Junction box
- Installation and Inspection Cable Pulling, Gland, Termination
- Installation and Inspection Control Cable Insulation Test, Loop Test
- Inspection Calibration Test All Instrument Equipment
- Installation and Inspection Tubing, Impulse line and Leak Test
- Installation and Inspection Gas Detector, Loop Test
- Installation and Inspection LV Motor and SOLO Run Test
- Installation and Inspection Grounding & Lightning Protection
- Installation and Inspection LV Switch Gear and SAT and Function Test
- Installation and Inspection MCC and SAT, Function Test
- Installation and Inspection Paging System and Function Test
- Installation and Inspection Fire Alarm System and Function Test
- Commissioning and Start up Support for Run Process

Rayong Engineering & Plant Service Co.,Ltd. (REPCO)**Rayong**May 2018 – Oct 2018 /**Electrical Supervisor****TPE/SCG Group Site 7****Application Development Center(ADC) Project**

- Open & Close Work Permit for Contractor for Construction
- Inspection Material Received all Equipment
- Inspection Insulation Control and Power Cable Test and Cable Grand Connection
- Inspection Insulation Test LV and Motor SOLO Run
- Inspection Installation Earthling & Lightning Protection and Full Loop Test
- Inspection Installation LV Switch Gear MCC and SAT and Function Test
- Inspection Installation UPS System and SAT, Function Test
- Inspection Installation Lighting System, Test Circuit and LUX Test
- Inspection Installation and function Test HVAC System
- Inspection Installation and function Test CCTV System
- Inspection Installation Fire Alarm System and SAT, Function Test
- Service Vender Electrical Equipment for SAT and Commissioning System
- Supervise Construction Contract on Site and Report to our Project Manager

MKK Asia Co.,Ltd.**Rayong**September 2017 – February 2018 / **E&I Supervisor****e-Coatings Asia Co., Ltd.****2017 HST Project (New Factory Chemical Clearing for PCB)**

- Inspection Material Receive all Equipment
- Installation Cable Tray, Leader, Conduit and Stanchion & Support
- Installation and Inspection Cable Pulling, Glanding, Termination
- Installation and Inspection Control Cable Insulation Test, Loop Test
- Inspection Calibration Test All Instrument Equipment
- Installation and Inspection Tubing, Impulse line and Leak Test
- Installation and Inspection Gas Detector, Loop Test
- Inspection Insulation Test LV Motor and SOLO Run
- Installation and Inspection Grounding & Lightning Protection and Full Loop Test
- Installation and Inspection LV Switch Gear in Substation and SAT and Function Test
- Installation and Inspection MCC, UPS System and SAT, Function Test
- Installation and Inspection Fire Alarm System and SAT, Function Test
- Inspection Contractor for Check Punch List and Clear Punch List from Owner Comment
- Commissioning and Start up Support for Run Process
- Prepare Report for Inspection All System and Hand Over MC Packet Project to Owner

POSCO Engineering (Thailand) Co.,Ltd.**BANGKOK**February 2017 – August 2017/**QC Instrument Inspector****Bangchak Petroleum Refinery****Efficiency Energy and Environment Improvement Project Phase I(POWER PLANT)**

- Inspection Material Receive all Equipment
- Installation Cable Try Conduit and Stanchion & Support
- Installation Instrument Panel and Junction box
- Inspection Cable Pulling, Cable Termination, Grand Connection
- Inspection Control Cable Insulation
- Calibration Test All Instrument Equipment, Loop Test, Function Test
- Installation Tubing, Impulse line and Leak Test
- Inspection Installation and function Test CCTV System
- Inspection Contractor for Check Punch List and Clear Punch List from Owner Comment
- Support Commissioning Team for MRT and Report
- Commissioning and Start up Support for Run Process
- Prepare Report for Inspection All System and Hand Over MC Packet Project to Owner

Rayong Engineering & Plant Service Co.,Ltd. (REPCO)**Rayong**October 2016 – February 2017 /**Electrical Supervisor****TPE/SCG Group Site 1****DPEX Project LD Plant (Upgrade for Capacity Expansion)**

- Open & Close Work Permit for Contractor for Construction
- Inspection Material Received all Equipment
- Inspection Insulation Control and Power Cable Test and Cable Grand Connection
- Inspection Insulation Test LV&MV Motor
- Inspection Installation Earthing & Lightning Protection and Full Loop Test
- Inspection Installation LV,MV Transformer and SAT and Function Test
- Inspection Installation LV,MV Switch Gear MCC and SAT and Function Test
- Inspection Installation UPS System and SAT, Function Test
- Inspection Installation Fire Alarm System and SAT, Function Test
- Inspection Motor SOLO Run and Motor Over horn FAT Factory AMC
- Review & Inspection Test Package Electrical Construction Work
- Service Vendor Electrical Equipment for SAT and Commissioning System
- Duties Include Quality Control and Progress Monitoring of The Construction Work
- Commissioning and Start up Support for Run Process

Rayong Engineering & Plant Service Co.,Ltd. (REPCO)**Rayong**August 2016 –September 2016 /**Electrical Supervisor****TMMA/SCG Group Site 3****Long Turn Around III Year Project**

- Open & Close Work Permit for Contractor for Construction
- Inspection Material Received all Equipment
- Inspection Installation Control and Power Cable Test and Cable Grand Connection
- Inspection Installation Test LV&MV Motor, Transformer and SAT and Function Test
- Inspection Installation LV,MV Switch Gear, MCC and SAT and Function Test
- Inspection Installation Earthing & Lightning Protection and Full Loop Test
- Inspection Installation UPS System and SAT, Function Test
- Inspection Installation Fire Alarm System and SAT, Function Test
- Inspection Motor Over horn FAT Factory and SOLO Run Test

POSCO Engineering (Thailand) Co.,Ltd.**Rayong**October 2015 – March 2016 / **QA/QC Electrical Supervisor****PTT Phenol****PTT Phenol Train II Project**

- Work Alongside our QA/QC Electric Manager to Co-ordinate with other Staff and Contractor
- Inspection Material Received all Equipment
- Inspection Insulation Control and Power Cable Test and Cable Grand Connection
- Inspection Installation Bus Duct and Insulation Test
- Inspection Insulation Test LV&MV Motor
- Inspection Installation Cable Tray Conduit and Support, Cable Pulling, Cable Termination
- Inspection Installation Lighting System, Test Circuit and LUX Test
- Inspection Installation Earthing & Lightning Protection and Full Loop Test
- Inspection Installation LV,MV Switch Gear in Substation and SAT and Function Test
- Inspection Installation MCC and SAT, Function Test
- Inspection Installation UPS System and SAT, Function Test
- Inspection Installation Communication&Paging System and SAT, Function Test
- Inspection Installation Fire Alarm System and SAT, Function Test
- Inspection Installation Cathodic Protection System and SAT, Function Test
- Inspection Motor SOLO Run
- Co-ordinate Clear Punch List from Owner Comment
- Prepare Report for Inspection All System and Hand Over MC Packet Project to Owner

P.S Instrument and Construction Co.,Ltd.November 2014 – August 2015 / **QA/QC Manager(E&I)****Main Contractor Posco Engineering (Thailand) Co., Ltd.****Rayong****PTT Phenol****PTT Phenol Train II**

- Prepare and MC Packet Equipment for Inspection
- Planning order Inspection with Owner for Construction Work Complete
- Hand Over Packet Project to Owner

Electrical Inspection Work

- Inspection Material Receive all Equipment
- Control and Power Cable Test and Cable Grand Connection
- Insulation Test LV&MV Motor
- Installation Bus Duct and Insulation Test
- Installation Cable Try and Support, Cable Pulling, Cable Termination
- Installation Lighting System, Test Circuit and LUX Test
- Installation Earthing & Lightning Protection and Full Loop Test
- Installation LV,MV Switch Gear in Substation
- Installation UPS System
- Installation Communication and Paging System
- Installation Fire Alarm System

Instrument Inspection Work

- Inspection Material Receive all Equipment
- Installation Cable Try Conduit and Stanchion & Support
- Installation Instrument Panel and Junction box
- Inspection Cable Pulling, Cable Termination
- Inspection Control Cable Insulation Test and Cable Grand Connection
- Calibration Test All Instrument Equipment
- Installation All Instrument Equipment
- Installation Tubing, Impulse line and Leak Test
- Installation Loop Test

YTC Coperation Ltd.July 2012 – April 2013 / **Construction Manager****Co2 Membrane for GSP#6 Project****Rayong****PTT GSP**

- Work Alongside our Project Manager to Co-ordinate with other Staff and Contractor
- Supervise Construction Contract on Side and Report to our Project Manager
- Duties Include Quality Control and Progress Monitoring of The Construction Work.
- Co-ordinate Discus Document Engineering of Owner for Construction Work
- Co-ordinate with Procurement Section check Material Status for Construction Work
- Planning and Management Manpower, Tool, Equipment for Construction on Schedule
- Prepare Report Weekly, Monthly Progress for Owner and Project Manager
- Control Patty Cash for Construction Work
- Monitor and Ensure Completion of Application Process
- Supervision Construction Work Civil, Structure, Piping, E&I for On Plan Progress
- Commissioning and Start up and Performance Test System of Process
- Hand Over Packet Project to Owner

Success Engineering Sells and Service Co., Ltd.

Rayong

January 2011 – June 20012 / **Deputy Construction Manager**

IRPC (Power Plant)

Fly Ash 02 to Recalculate Silo Unit 03 Project

January 2011 – June 20012 / **Deputy Construction Manager**

Improve Pneumatic Conveying System Unit 03 Project

January 2012 – March 20012 / **Deputy Construction Manager**

Recovery RO Water Jet Project

- Work Alongside our Project Manager to Co-ordinate with other Staff and Contractor
- Supervise Construction Contract on Side and Report to our Project Manager
- Duties Include Quality Control and Progress Monitoring of The Construction Work.
- Co-ordinate Discus Document Engineering of Owner for Construction Work
- Co-ordinate with Procurement Section check Material Status for Construction Work
- Planning Mobilize Equipment for Site Office
- Planning and Management Manpower, Tool, Equipment for Construction on Schedule
- Planning ahead to prevent problems on site before they occur, for example, planning the
- Prepare Report Weekly, Monthly Progress for Owner and Project Manager
- Assist with implementation/interpretation of safety programs.
- Monitor and Ensure Completion of Application Process
- Commissioning and Start up and Performance Test System of Process
- Hand Over Packet Project to Owner

Skill Power Service (Thailand) Co.,Ltd.

Rayong

December 2010 – December 2012/ **Material Coordinator**

SCG-DOW Group Asia Industrial Estate

- Manage and oversee day-to-day of warehouse activities for its smooth operation and Conform to the procedures and instructions.
- Ensure an accuracy of the goods or materials received comply with an accounting record.
- Ensure the goods or materials received are conformed to the purchased specification by Inspection or other method of verification or coordinate with concerned parties
- Store goods or materials in the warehouse in good conditions and right location.
- Issue goods or materials to users in first-in-first-out manner.
- Coordinate with user and Purchasing Section on claiming of nonconformance materials.
- Surplus and scrap material follow-up (tracking)
- Finding Spare part for Start-up & Commissioning Team

PTT Maintenance and Engineering Co.,Ltd. (PTT ME)

Rayong

June 2008 – February 2010 / **Material Engineer**

PTTCHEM Standard Code for PTT GC Group Project

- export data from "SAP" PTTCHEM Group
- Preparation Standard Description for Material Master data
- Planning and Management Manpower, Tool, Equipment for Work on Schedule
- Set Digit Structure Code for New PTTCHEM Standard Coding
- Set Temp Plate for New PTTCHEM Standard Coding
- Set Group Material Spare Part for New PTTCHEM Standard Coding
- Matching (Specific & Common part) from each plant of PTT GC Group to New Coding
- Co-ordinate Discus Specification of Owner for Work
- Review and modification data from Matching to PTTCHEM Standard Coding
- Prepare Test data final for PTTCHEM Standard Coding
- Hand Over data Package to Head Project Send for Owner

August 2008 / **Material Engineer**

Spare Part Reduction and Optimization Audits Project

PTT GC Branc 2

- Spare Part Reduction and Optimization Auditing Kick Off Meeting
Discussion and setting of Activity Time Line
General overview and comments and concerns and data preparations
- Review Spare Part Management and Interview by Questionnaires
Spare Part Standardization and Cost Accounting and Spare Part Control
Application of Technology in spare part Management
Spare Part Supply Side Management
- Review Spare Part Document, CM-Unplanned, PM Analysis and Management
Part Demand Side Management
- Hand Over Package Project Report to Owner

Global Engineering Solution Co., Ltd.

Rayong

November 2007 – May 2008/ **Project Engineer**

PTT GC Branc4

Installation Pump Pysolisysgas to Branc 5 Compax II Project

ORIFINE PLAN

1-29 February 2008 / **Project Engineer**

Replace Control Valve Cold Area Plant II 7 Set (Sulphur Unit) Project

October 2007 – February 2008 / **Project Engineer**

Installation Pump N3 Reflux Debutanizer to Spies Tank Project

July 2006 – March 2007 / **Project Engineer**

Relocate Pump Full Range Naphtha and Installation New Pipe Line Project

October 2006 – February 2007/ **Project Engineer**

Replace Internal Part Cooling Tower (8 Cell) Project

April 2006 – March 2007 / **Project Engineer**

New Condensate Polisher Facility Unit

September 2007 – December 2007 / **Project Engineer**

PTT GC Branc2

Heavy Gasoline Pipe LineBracn2 to Bracn4 Project

- Work Alongside our Project Manager to Co-ordinate with other Staff and Contractor
- Supervise Construction Contract on Side and Report to our Project Manager
- Duties Include Quality Control and Progress Monitoring of Construction Work.
- Co-ordinate Discus Document Engineering of Owner for Construction Work
- Co-ordinate with Procurement Section check Material Status for Construction Work
- Planning Mobilize Equipment for Site Office
- Planning and Management Manpower, Tool, Equipment for Construction Work on Schedule
- Prepare Report Weekly, Monthly Progress for Owner and Project Manager
- Monitor and Ensure Completion of Application Process
- Commissioning and Start up and Performance Test System of Process
- Hand Over Packet Project to Owner

April 2007 – July 2007 / **Project Coordinator**

ECGO Rayong

New Fuel Tank for Project

POWER PLANT

- Duties Include Quality Control and Progress Monitoring of Construction Work.
- Co-ordinate Discus Document Engineering of Owner for Construction Work
- Co-ordinate with Procurement Section check Material Status for Construction Work
- Planning and Management Manpower, Tool, Equipment for Construction Work on Schedule

Thai Petroleum Pipeline Co., Ltd.

Map Ta Phut Rayong

June 2005 – March 2006 / **Senior Pump Station Technician**
Work Commissioning & Start up Team

May 2000 – May 2005 / **Senior Pump Station Technician**
October 1993 - April 2000 / **Pipe Line Controller (CCR)**

Sriracha Chonburi
Lumlukka Phathumtani

Special skills and ability

- Using Ms Office , SAP, 3D Naviswork
- Procosys, ProAac, STIDs, Echo
- Command in Spoken and written English fairly
- Certificate Safety Officer at Technical Level
- Certificate Safety Officer at Supervisory Level
- Certificate Electrical Technician License Level 1
- Certificate The Duties Crane Supervisor, Rigger, Signal and Over Head Crane Operate
- Certificate Confined Space Work
- Certificate Basic First Aid and CPR
- Certificate Work at Height
- Certificate Basic Rope Access Non Device
- Certificate Rescue and Escape in High Rise Building
- Certificate Training Tube & Fitting (Swagelok Thailand)
- Certificate EX Foundation in Hazardous Awareness(ATEC)
- Certificate EX Operative Online Training Standards IEC 60079: Parts 14 & 17(ATEC)

References

1. Mr. Chatchai Jirapeerapornsakul (Construction Manager)
MKK Asia Co.,Ltd.
12 Fl.,Alma Link Building 25 Soi Chidlom,
Ploenchit Road, Lumpini, Patumwan,
Bangkok 10330 Thailand 07815 8784
2. Mr. Somnuek Puttanachai (Electrical Engineer)
Rayong Engineering & Plant Service Co.,Ltd.
271 Sukhumvit Road, Map Ta Phut,
Muang District, Rayong 21150, Thailand 03891 2696
3. Mr. Prasert Rotmanee (Project Construction Supervisor)
PTT Gobal Chemical Co., Ltd. (PTT GC)
22 Prakronsongkrong Road, Maptaphut
Rayong 12150, Thailand 03897-7800
4. Mr. Songphol Chumsamarn (Con.MC&Dim.Control Manager)
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