

## Career Summary

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Paiboon has over 40 years experience in the oil refineries, chemical and power plants. He has experience in instrument design, construction supervision, commissioning, plant start-up including maintenance works in Thailand and other countries including offshore plat forms.

He has worked with ESSO Thailand refinery for TARP project for construction, commissioning and plant start-up during 1999.

He had work with Foster wheeler during 2004-2005 for PTA plant design and current be re-employed since march 2007. He has a diploma in vocation education in Aircraft instruments, Aircraft maintenance technician type-1 from Civil Aviation Training Center since 1976.

- . Date of Birth: 1 FEB.1956
  - . Years in Foster Wheeler:
  - . Years of Industrial experience
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Name's Company  
Position  
Since  
Project  
Client

**Poyry Company Co., Ltd.**  
Instrument Supervisor (Consultant)  
01-March-2019 to 31-July-2019  
Central Utility Plants (CUP 4) Phase 1 Project  
**Global Power Synergy Public Company Limited**



### Principal Responsibilities

Instrument installation inspection, calibration, loop checking commissioning and plant start-up.  
Supervision work of cable tray and conduit installation including cable laying and Inspection and finalisation the punches list including functional test.

- ❖ Checks detail engineering drawings prepared by Drafters & Designers to ensure compliance to design codes/specifications.
- ❖ Responsible for electrical and Instrument engineering design, calculation and selects equipment as project assigned.
- ❖ Preparation and review of lay outs, Single line Diagrams, Schematic Diagrams. Reviewing drawing for AFC drawing and compared with site works
- ❖ Prepare, Review and approve instrument data sheets such as Control valve, On-Off Valves, Safety Relief Valves & other field instruments etc. Verify the calculations for the orifice plate bore, control valve CV, and PSV's, etc.
- ❖ Preparation of electrical equipment specification/ data sheets and power/ lighting/ earthing layouts. And data sheets for electrical equipment
- ❖ Valuation selection of vendors for electrical equipment. Review/approval of vendor data into detailed design and test report. And Co-ordination with other disciplines.

Name's Company  


Position  
Since  
Project  
Client

**Sumitomo SHI FW Service (Thailand) Ltd.**

Electrical and Instrument Inspector  
01-November-2017 to 31-April-2018  
**CFB1 EIC Wind Box, Sootblower and Actuator Project**  
**Glow Energy Public Company Co., Ltd.**

Principal Responsibilities

Instrument installation inspection, calibration, loop checking commissioning and plant start-up.  
Supervision work of cable tray and conduit installation including cable laying and Inspection and finalisation the punches list including functional test.

- ❖ Preparation and review of lay outs, Single line Diagrams, Schematic Diagrams. Reviewing drawing for AFC drawing and compared with site works
- ❖ Perform to checking sizing and selection of alternators, transformers, LV Switchgears, UPS, Navi Aids systems. Including with the cables (FS/ FRLS), lighting systems (indoor/ outdoor.
- ❖ Preparation of electrical equipment specification/ data sheets and power/ lighting/ earthing layouts. And data sheets for electrical equipment
- ❖ Valuation selection of vendors for electrical equipment. Review/approval of vendor data into detailed design and test report. And Co-ordination with other disciplines. And including with take care Vendor during on Offshore Weld-head Platform.

Name's Company	Tran Thai-Malaysia (THAILAND LIMITED)
Position	Electrical and Instrument Inspector
Since	02-July-2016 to 20-October-2017
Project	EPCC New Incinerator Project
Client	PTTEP
Address Company	181 Moo 8 Tambol Talingchan, Chana, Songkhla 90130 Telephone +66 (0) 7430 2700 Fax +66 (0) 7430 2707



Principal Responsibilities

Instrument installation inspection, calibration, loop checking commissioning and plant start-up.  
Supervision work of cable tray and conduit installation including cable laying and Inspection and finalisation the punches list including functional test,

- ❖ Preparation and review of lay outs, Single line Diagrams, Schematic Diagrams. Reviewing drawing for AFC drawing and compared with site works or Weld-head platform.
- ❖ Loading Manpower as per Project during on Site Weld-head Platform accordance with activities
- ❖ Perform to checking sizing and selection of alternators, transformers, LV Switchgears, UPS, Navi Aids systems. Including with the cables (FS/ FRLS), lighting systems (indoor/ outdoor.
- ❖ Preparation of electrical equipment specification/ data sheets and power/ lighting/ earthing layouts. And data sheets for electrical equipment
- ❖ Valuation selection of vendors for electrical equipment. Review/approval of vendor data into detailed design and test report. And Co-ordination with other disciplines. And including with take care Vendor during on Offshore Weld-head Platform.
- ❖ Conduct team of Installation of Electrical and Instrument on the Weld-head platform.
- ❖ Prepare, Review and approve instrument data sheets such as Control valve, On-Off Valves, Safety Relief Valves & other field instruments etc. Verify the calculations for the orifice plate bore, control valve CV, and PSV's, etc.
- ❖ Prepare, Review & approve Cause & Effect diagram and Logic diagrams. Review and approve all the vendor documents for DCS/ ESD/BMS/PLC systems, Instruments and also for Package equipment's
- ❖ Responsible for electrical and Instrument engineering design, calculation and selects equipment as project assigned.
- ❖ Approve Material and review shop drawing to ensure its conformation to design concept.
- ❖ Checks detail engineering drawings prepared by Drafters & Designers to ensure compliance to design codes/specifications.
- ❖ Organize / Participate in project meeting with Licensor , contractor Engineers and other parties as project required/appropriate

- ❖ Implement project documents and also distribute to related persons.
- ❖ Conduct team constructional works and checks. Witness fundamental testing and Run re-testing (if necessary)
- ❖ Supervise and consult to sub-contract on site about the corrective installation methods.
- ❖ Track the project work status and report to line manager periodically in order to ensure that every task is not overdue, reconcile in case of these any past-due job occur.

Name's Company	HITACH PLANT TECHNOLOGIES (THAILAND) CO., LTD
Position	Senior Electrical and Instrument Supervisor
Since	20 Apr 2015 to 20 Jul 2016
Project	RTPII Project (Rung –Ta-wan-Project)
Client	JSR BST Elastomer Co., Ltd., (JBE)
Address Company	54 B.B. Building,12th Floor, Room No.1201 Sukhumvit 21 (Asoka) Road, KlongToey Nua, Wattana Bangkok 10110 Tel.+66 (0)2259 5255



#### Principal Responsibilities

##### Electrical Works

- ✓ Perform to take care and Control PTW (Permit to works) all the Electrical activities in the JBE Plant Rungta-wan Project.
- ✓ Perform to review drawing & Verify AFC new revision before distribute to Sub Contractor
- ✓ Perform to checking and inspection and conformation to materials delivery to site works.
- ✓ Perform to do schedule planning and control progress and control refer to Project specification.
- ✓ Perform to preparation accordance with activities.
- ✓ Perform to conduct and supervise of team Electrical Installation works.
- ✓ Supervise and conduct team for Installation of cable underground and accessories fitting
- ✓ Supervise and conduct team for installation of Cable Tray and accessory
- ✓ Supervise and conduct team for Installation of 8MVA Transformer incoming and 2500 kVA including with testing and Commissioning works.
- ✓ Supervise and conduct team for Installation of Fire alarm, Intercom, CCTV, Motor, Transformer, LCS, and Pulling Cable. Supervise and conduct team for installation of Substation 22kV and 6.6kV SWGR, MCC, 400V MDB, UPS, system installation
- ✓ Review Documentation data test, Procedure, Specification of standard IEC, Procedure Method Statement.
- ✓ Perform to conduct and take care any Vender's to service do Testing & Commissioning.
- ✓ Perform to preparation of JSA SHE coordination.
- ✓ Perform vendor offer review & technical bid evaluation, carryout vendor drawings/documents review and vender data incorporation.
- ✓ Co-ordination with other disciplines. And including with take care Vendor during on Construction
- ✓ Perform and Conduct tram to do Electrical Testing & Commissioning Works and Witness. SAT
- ✓ Review to Job safety Analysis (JSA).
- ✓ Monitoring Progress Meeting with Client and Sub Contractor
- ✓ Report to E&I Manager (Japanese)

##### Instrument Inspector

- ✓ Prepare material specification, datasheet, schedule, coordinate and monitor the assigned engineering projects
- ✓ Familiar with Intergraph Smartplant (Intools) or with using 3D modeling system such as Auto Plant, PDS or PDMS will be considered an advantage

- ✓ Ability to provide instrument engineering design and construction package to support new projects of instrument work
- ✓ Review engineering deliverable and initiate appropriate corrective action

Experience with Foster Wheeler

Preparation of Migration Instrument work pack and  
Summary of system work pack updated Document for  
Work pack is CSJP, HA, JSA, PSA Supervision and Inspector work of Electrical and Instrument  
Migration all inputs of ABB, Siemens and allen Bradley Css system to Yokogawa system confirm  
loop checking and function E & I check

2013 –2014                      Star Petroleum Refining Public Co;Ltd.  
Air Pre-heater&RFCCU REVAMP T&I PROJECT  
Senior Instrument Supervisor

Preparation of Check lists for Loop testing. Inspection with Client prior to loop testing. Preparation  
of test procedures for Instrument Loop testing. Prepared related drawing and document for support  
FIN (Field Inspection Notice) prior to start loop testing. Prepare notice of completion of loop test  
recorded in FIR (Filed Inspection Record), loop checking &  
Sequence/ interlocks testing

2012 –2013                      MICHELIN SIAM COMPANY LIMITED HTY PROJECT AND  
SIMENS WASTE WATER TREATMENT PROJECT  
Senior Instrument Supervisor

Instrument installation inspection, calibration, loop checking  
commissioning and plant start-up. Supervision work of cable tray and conduit installation including  
cable laying and Inspection and finalisation the punches list including functional test, ,

2010 –2012                      EXXON MOBIL SRIRACHA CLEAN FUELS PROJECT OF  
THAILAND  
Senior Instrument Supervisor

Instrument installation inspection, calibration, loop checking  
commissioning and plant start-up. Supervision work of cable tray and conduit installation including  
cable laying and Inspection and finalisation the punches list including functional test, ,

2009 –2010                      EXXON MOBIL SRIRACHA CLEAN FUELS PROJECT OF  
THAILAND  
Senior Instrument Designer

Responsible for Piping ISO Checking, Preparation of Instrument hook-ups, cable routing layouts,  
wiring termination diagrams, Instrument Field junction Boxes Wiring Diagram, Fire & Gas Wiring  
Diagram, Instrument Cable Schedule, Instrument Cable Drum Schedule using INtools. Performs  
bulk material take-off and preparation of bulk material requisitions, technical bid evaluations

2008 –2009                      PTT GAS SEPARATION PLANT PROJECT GSP6  
MAPTA PHUT RAYONG  
Senior Instrument Supervisor

Assign to site Instrument Supervisor

Instrument installation inspection, calibration, loop checking  
commissioning and plant start-up. Supervision work of cable tray and conduit installation including  
cable laying and Inspection and finalisation the punches list including functional test, ,

2008 –2008

EXXON MOBIL ASIA PACIFIC Pte. Ltd , Singapore

Senior Instrument Supervisor

Assign to site E&I Supervisor

Instrument installation inspection, calibration, loop checking  
commissioning and plant start-up. Supervision work of cable tray and conduit installation including  
cable laying and Inspection and finalisation the punches list including functional test, ,

2007 –2008

EXXON MOBIL ASIA PACIFIC Pte. Ltd , Singapore

Senior Instrument Designer

Responsible for Piping ISO Checking, Preparation of Instrument hook-ups, cable routing layouts, wiring  
termination diagrams, Instrument Field Junction Boxes Wiring Diagram, Fire & Gas Wiring Diagram,  
Instrument Cable Schedule, Instrument Cable Drum Schedule using INtools. Performs bulk material  
take-off and preparation of bulk material requisitions, technical bid evaluations

2006 – 2007

White Nile Petroleum Operating Co., Ltd.,SUDAN

Ipedex Production L.L.C.P.O. Box 4899, Abu Dhabi,

U.A.E.Instrument/System Technician

Assigned as maintenance technician to service all field Instruments,  
control and communication systems (PABX, PAGA, CCTV, VHF/HF Radio and LAN) of crude oil  
production plant and oil field wellhead as details below;

calibration and repair Instrument devices such as: pneumatic/electronic transmitters (Rosemount,  
Foxboro, Yokogawa, Endress+Huaser & etc.), control valves(Valtek), pilot valves, safety relief valves  
Routine check/test and troubleshooting of communication systems (e.g. VHF/HF Radio, PAGA, CCTV  
and PABX system)

2005 – 2006

Ishikawajima-Harima Heavy Industries Co.,Ltd.

Ras Laffan 71-T051/052 LNG Storage Tank (Qatar)

Electrical and Instrument Engineer

Duties included inspection and Supervision the Contractor to Install instrument and electrical  
equipments including cathodic protection and tank heater process system equipment including  
tubing, cable duct installation and main cable pulling, cable termination and wiring modification

2004 –2005

INDORAMA CHEMICAL Ltd.

INDORAMA PTA Project, Rayong, Thailand

New Zealand Refining - Future Fuels project

Senior Instrument DesignerResponsible for Piping ISO Checking,

Preparation of Instrument hook-ups, cable routing layouts, wiring termination diagrams, Instrument  
Field junction Boxes Wiring Diagram, Fire & Gas Wiring Diagram, Instrument Cable Schedule,  
Instrument Cable Drum Schedule using INtools. Performs bulk material take-off and preparation of  
bulk material requisitions, technical bid evaluations.

- 2004 – 2004                      Aker Kvaerner E&C (Thailand) Ltd.  
Copper Smelter and Refinery Project, Rayong  
E&I Field QC Inspector  
Preparation of Check lists for Loop testing. Inspection with Client prior to loop testing. Preparation of test procedures for Instrument Loop testing. Prepared related drawing and document for supportingh FIN (Field Inspection Notice) prior to start loop testing. Prepare notice of completion of loop test recorded in FIR (Filed Inspection Record), loop checking & sequence / interlocks testing.
- 2001 – 2004                      Unocal Thailand Ltd.  
Offshore 'Satun Filed' Gas Filed, Gulf of Thailand.  
Instrument Engineer  
Installation, calibration, loop checking and commissioning both electronic and pneumatic control system. Repaired all type of instrument including maintenance work during Plant production. Checking and calibration of instrument on well head.
- 2000 – 2001                      ASES Co., Ltd.  
Specialist in Process Analyzer system Technology Service  
Instrument Engineer  
]Analyzer system installation, fabrication, calibration  
including maintenance works.
- 1999 – 2000                      Toyo Engineering Corporation.  
Ethylene Plant for Sidi Kerir Petrochemicals Company, Egypt.  
Instrument Engineer  
Preparation of loop testing procedure including check lists, Inspection of loop testing. Preparation of related document formed loop pack as per quality assurance requirement. Notice of completion of loop test recorded in FIR (Field Inspection Record) for loop and sequence/ Interlocks testing.
- 1999 – 1999                      Esso (Thailand) Public Company Limited.  
Thailand Aromatic Recovery Project (TARP)  
Instrument Supervisor  
Inspection and finalisation the punches list including functional test , loop checking, commissioning and plant start-up.
- 1999 – 1999                      Siemens Limited  
Bayer Polycarbonate Plant Project, Rayong  
Instrument Engineer  
Inspected and supervised the contractor for Instrument installation, process tubing, cable duct and cable pulling, cable Termination and wiring modification.
- 1998 – 1998                      Thai Nepco Co., Ltd.  
Sahacogen Co., Ltd 112 MW Gen. Facility Project, Sriracha  
E&I Supervisor  
Instrument installation inspection, calibration, loop checkincommissioning and plant start-up. Supervision work of cable trag, y and conduit installation including cable laying and termination.
- 1998 – 1998                      Cegelec Thailand

PTT (Total) Exploration & Production PLC. Off shore (Bong Kot Field  
Gulf of Thailand  
E&I Supervisor

Supervision work of plant modification, calibration, checking of Instrument on well head including loop checking and commissioning.

1997 – 1997                      CBI Co., Ltd.  
Rayong Olefins Co., Ltd. (ROC Tank Terminal)  
Instrument Commissioning Supervisor

Inspection of instrument installation and finalising punches list Functional testing, loop checking, commissioning and plant start-up.

1997 – 1997                      Mitsubishi  
EGAT Wangnoi Combined Cycle Power Plant.  
E&I Supervisor

Inspection of instrument installation and finalising punches list. Functional testing, loop checking, commissioning and plant start-up. Electrical installation, commissioning and maintenance. Supervisory work of plant construction. Supervision work of cable laying and termination. Supervision work of cable tray and conduit installation.

1996 – 1997                      Chiyoda (Thailand) Ltd.  
Hydro cracker (HCU) - 2 Project of Thai Oil Co.,Ltd.  
Instrument Supervisor

Supervised Instrument Installation inspection, finalising punches list, functional testing, loop checking, commissioning including plant start-up

1994 – 1996                      PMCI Company Ltd. (Laemchabang Chonburi)  
PTT Parallel Piping project on shore Rayong to Wangnoi  
Instrument Supervisor

Supervised instrument installation and modification, loop checking.



- 1990 – 1994                      Unocal Thailand Ltd.  
Offshore 'Satun Field' Gas Field, Gulf of Thailand  
Instrument Technician  
Calibrated and installed instrumentation, loop checking, Com-missioning of both electronic and pneumatic system. Repaired all type of instrument including maintenance work during Plant production. Checking and calibration of Instrument on well head.
- 1989 – 1990                      Petrochemical Instrument International Company  
Gas Injection & LPG Plant ZEIT Bay Egypt. (SUCO)  
Instrument Supervisor  
Supervisor work of Plant Construction. Calibration and Adjustment of Instruments such as Electronic and Pneumatic Transmitters, Indicators Controllers, Process Stream Analyzers, Gas Detectors, Turbine System Overall Instrument, Loop And Sequence Testing
- 1988 – 1989                      Toyo Engineering Corporation (Bangkok Thailand)  
National Petrochemical Plant of Thailand (NPC)  
E&I Supervisor  
Supervised Instrument installation, process tubing, cable duct and main cable pulling ,cable termination and wiring modification.
- 1986 – 1988                      Petrochemical Instrument International  
Egypt Suco, Gas Injection & LPG Plant ZEIT Bay Egypt.  
E&I Supervisor  
Instrument installation, calibration of both electronic and pneumatic instrument, Loop and sequence testing, commissioning including plant start-up.
- 1985 – 1986                      PAE (Thailand) Co., Ltd.  
Fertiliser (Urea Plant) Chittagong Bangladesh.  
E&I Supervisor  
Supervised Instrument Installation of process tubing, cable duct and main cable pulling, cable termination and wiring modification
- 1984 – 1985                      Toyo Engineering Corporation  
Consortium-TEC/MBK For PTT Gas Separation Plant Project  
Instrument Supervisor  
Supervised Instrument calibration of both electronic and pneumatic transmitters, indicators, controllers, process analyzers, gas detectors, instrument loop testing including maintenance work during plant commissioning and guarantee period



- 1984 – 1984                      Petrochemical Instrument International Co., Ltd.  
   Suco, Gas Injection Plant Gas-RasBudran Egypt.  
   E&I Supervisor  
Supervised Instrument calibration of both electronic and pneumatic transmitters, indicators, controllers, process analyzers, gas detectors including turbine system Instrument loop and sequence testing
- 1980 – 1983                      National Petroleum Services Co., Ltd.  
   Liquid Nitrogen Gas Plant Esso Libya in Brega field (Libya)  
   Instrument Technician  
Instrument installation, calibration, loop checking including commissioning.
- 1978 – 1979                      Santafe – Shuwayer  
   Arabian Industrial & Petroleum Facilities on the Aindar -Shedgum  
   G.O.S.P.(Project in Saudi Arabia)  
   Instrument Supervisor  
   Instrument installation, calibration and maintenance service
- 1977 – 1978                      Hantex Cooperation Ltd. (Thailand)  
   Instrument Technician  
   Instrument installation, calibration and maintenance service