



Client: PTTEP

Position: Instrument Engineer

Date: January 10th, 2020

Starting Date: Immediately

KITTIPATH SAM-ANG

PERSONAL DETAILS

Date of Birth: December 4th, 1981

Age: 39

Sex: Male

Marital Status: Married

Religion: Buddhism

Nationality: Thai

Language: English (Good)

Computer Skills: MS. Office
CAESAR II

Education:

King Mongkut's University of Technology Thonburi

Bachelor's Degree of Control System & Instrumentation Engineering



SUMMARY OF EXPERIENCE

- Over 10 years' experience worked in Petrochemical and Refinery business (Engineering/Project management/Construction) for Control system & Instrumentation equipment.
- Oversea engineering experience worked for major project. (Singapore/ Republic of China /South Korea).
- Coordinates detailed instrument and control systems design for Engineering & Operations Support projects in company. Typical of Engineering will consist of Control & Instrumentation device, such as **Analyzer system, Fire & Gas, platform control system (DCS, SIS (ESD), and Unit Control System (PLC), Turbine Compressor Control System (ITCC) – Motor Compressor Control System (IMCC), Field transmitter and facility de-bottlenecking and communications systems upgrades.**
- Strong leadership and technical direction to a highly leveraged contract facility engineering design staff.
- Provide sound project engineering & project management skills (Engineering quality control /Cost & schedule control) to guide projects through phases.
- Generate work scope, cost estimates, schedules and associated for I&E task in projects. Provide I&E work scope, cost and schedule review feedback to other project teams.
- Provide input to annual budgets regarding cost, schedule and resources for ongoing and potential projects.
- Provide scope of work (technical package), Installation check sheet, QA/QC check list for construction work.
- Conclude and report the project progress and result to the project owner and project engineer concerning to the Instrument installation as required.
- Lead in Package testing, function test, commissioning, trouble shooting and plant start-up.



WORK EXPERIENCE

Sep 2019 - Dec 2019:
Client:

GC Maintenance and Engineering Co., Ltd.
PTT GLOBAL CHEMICAL (AROMATIC
PLANT#1, BRANCH-4)

Position: **Senior Control & Instrument Engineer**

Responsibilities:

- Lead Instrument engineer for Olefins Removal Unit Project.
- Lead Control system function testing package (DCE/SIS/FGS).
- Lead Instrument engineer for Construction task.
- Trouble shooting, Plant Commissioning and Plant Start-up.

Feb 2018 - Sep 2019:
Client:

GC Maintenance and Engineering Co., Ltd.
PTT GLOBAL CHEMICAL (AROMATIC
PLANT#1, BRANCH-4)

Position: **Senior Control & Instrument Engineer**

Responsibilities:

- Lead Instrument engineer for Turn-Around Package
- Lead Control system function testing package (DCE/SIS/FGS).
- Lead Instrument engineer for Construction task.
- Trouble shooting, Plant Commissioning and Plant Start-up.

Oct 2018 - Feb 2019:
Client:

GC Maintenance and Engineering Co., Ltd.
PTT GLOBAL CHEMICAL (AROMATIC
PLANT#2,
BRANCH-5)

Position: **Senior Control & Instrument Engineer**

Responsibilities:

- Lead Instrument engineer for BENZENE Column upgrading Project
- Lead Control system function testing package (DCE/SIS/FGS).
- Lead Instrument engineer for Construction task.
- Trouble shooting, Plant Commissioning and Plant Start-up.

Nov 2016 - Sep 2018:
Client:

PTT Maintenance and Engineering Co., Ltd.
PTT GLOBAL CHEMICAL (AROMATIC
PLANT#1,2, BRANCH-4/5)

Position: **Senior Control & Instrument Engineer**
(TP-PP-PB)

Responsibilities:

- Instrument engineer for Plant engineering
- Conceptual design, Basic design, Detail design.



- Prepare project execution, planning & Project management.
- Project Construction, Construction management.
- Trouble shooting, Plant Commissioning and Plant Start-up.

Oct 2012 - Oct 2016:

Client:

**PTT Maintenance and Engineering Co., Ltd.
PTT GLOBAL CHEMICAL (CONVERT HEAVY
GAS PROJECT)**

Position:

Control & Instrument Engineer (EPCM)

Responsibilities:

- Instrument Team Leader for engineering quality control as Consultancy to Main EPC (POSCO Engineering, Korea).
- Conceptual design, cross check the control & instrument design from EPC.
- Prepare project execution, planning & Project management.
- Trouble shooting, Plant Commissioning and Plant Start-up.

Oct 2011 - Dec 2012:

Client:

**PTT Maintenance and Engineering Co., Ltd.
PTT GLOBAL CHEMICAL (BUFFER TANK
FARM)**

Position:

**(NEW BUTENE-1 TANK PROJECT)
Lead Instrument Engineer (EPCM)**

Responsibilities:

- Instrument Team Leader for engineering quality control as Consultancy to Main EPC.
- Conceptual design, cross check control & instrument design from EPC.
- Prepare project execution, planning & Project management.
- Trouble shooting, Plant Commissioning and Plant Start-up.

Apr 2011 - Jan 2013:

Client:

**PTT Maintenance and Engineering Co., Ltd.
PTT GLOBAL CHEMICAL (I-4) (SCR PROJECT)
Lead Instrument Engineer (EPCM)**

Position:

Responsibilities:

- Instrument Team Leader for engineering quality control as Consultancy to Main EPC (CTCI).
- Conceptual design, cross check control & instrument design from EPC.
- Prepare project execution, planning & Project management.
- Trouble shooting, Plant Commissioning and Plant Start-up.

Oct 2011 - Dec 2012:

Client:

**PTT Maintenance and Engineering Co., Ltd.
PTT GLOBAL CHEMICAL (I-1) (NRU PROJECT)
Instrument Engineer (EPCo)**

Position:

Responsibilities:

- Prepare instrument specification and data sheet.
- Prepare detail for installation. Prepare instrument drawing and related drawing for
- plant modification.
- Prepare material take off and cost estimation.



Aug 2011 - Dec 2012:
Client:

PTT Maintenance and Engineering Co., Ltd.
BANGKOK POLY ETHYLENE (PLUTO
PROJECT) Project Engineer (EPC)

Responsibilities:

- Prepare project execution, planning & Project management.

Apr 2011 - Feb 2011:
Client:

PTT Maintenance and Engineering Co., Ltd.
PTT POLYETHYLENE PLANT (LLDPE)
(FEEDSTOCK QUALITY IMPROVEMENT)
Project Engineer (EPCo)

Position:

Responsibilities:

- Prepare project execution, planning & Project management.

Apr 2010 - Apr 2011:
Client:

PTT Maintenance and Engineering Co., Ltd.
PTT POLYETHYLENE PLANT (ET) (TIE-IN
GROUND FLARE PHASE I)
Project Engineer (EPCo)

Position:

Responsibilities:

- Prepare project execution, planning & Project management.

Client:

PTT POLYETHYLENE (WAST WATER
IMPROVEMENT PROJECT)
Lead Instrument Engineer

Position:

Responsibilities:

- (EPC Project): Prepare instrument specification and data sheet.
- Prepare detail for installation.
- Prepare instrument drawing and related drawing for plant modification.
- Prepare material take off and cost estimation.
- Construction management.
- Commissioning Instrument equipment
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Jan 2009 - Apr 2010:
Client:

PTT Maintenance and Engineering Co., Ltd.
PTT GAS SEPARATION PLANT (PLANT
MODIFICATION PROJECT)
Lead Instrument Engineer (23 Modification
works as Leader)

Position:

Responsibilities:

- Prepare instrument specification and data sheet.
- Prepare detail for installation.
- Prepare instrument drawing and related drawing for Plant modification.



- Prepare material take off and cost estimation.

Apr 2006 - Jan 2009:

Position:

PETRO-INSTRUMENT CORP., LTD.

ENGINEER

PROCESS INSTRUMENTATION SECTION

ENGINEERING DEPARTMENT

Responsibilities:

- Engineering Design, Installation, Commissioning, Maintenance and Training as customer requested service in instrument device, gas analyzer and gas chromatograph
- BANGKOK INDUSTRIAL GAS, RAYONG 2006
- BLCPP POWER PLANT, RAYONG 2006

REFERENCE COMPANY:

- PTT GAS SEPERATION PLANT, RAYONG 2006
- PTT CHEMICAL COMPANY, I4 RAYONG 2006 PSA UNIT
- IRPC PUBLIC COMPANY 2006 HDPE PLANT UNIT 1
- UMC METALS CHONBURI 2007
- IRPC PUBLIC COMPANY 2007 HDPE PLANT UNIT 2
- IRPC PUBLIC COMPANY 2007 HDPE PLANT
- AIR LIQUID (THAILAND) LIMITED 2007
- PTT GAS MONITORING PLANT, KHONKEN 2007
- PTT CHEMICAL PUBLIC COMPANY LIMITED (NPTC) 2007
- RAYONG OLEFIN COMPANY LIMITED (REPCO)
- THAI OIL PUBLIC COMPANY LIMITED 2007(BECHTEL INTERNATIONAL)
- THAI PLASTIC AND CHEMICAL PUBLIC COMPANY LIMITED 2008
- SHEDDEN UHDE & PTTCHEM I-4 (DE-BOTTLE NECT PROJECT) 2008
- THAI CAPROLACTUM PUBLIC COMPANY LIMITED 2008 ABB K.K (JAPAN)
- IRPC PUBLIC COMPANY 2008 DCC PLANT PHASE 1
- IRPC PUBLIC COMPANY 2008 DCC PLANT PHASE 2