

CURRICULUM VITAE



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PERMANENT ADDRESS

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E-MAIL
EDUCATION
POSITION

weera.ad@gmail.com
Vocation, Bangkok Institutes of Technology

Summary my experience

QA/QC Mechanical & Piping supervisor
More than 25 years for construction Power plant/ oil
& gas And Petro chemical to in chart fabrication,
Erection and NDE control

EXPERIENCE

January 2019 to Decber2019

Technip Engineering FMC (Thailand)
Star petroleum Refinery
Project SPRC's EVENT 2019

Responsibilities

Field Mechanical supervisor static equipment.
Co-ordinate and monitor to remove/Install static
equipment (heat Exchangers & Furnaces) in
CDU/VDU Block.
Supervise piping works.: Fabrication and erection on
pipe rack & Process area of RFCCU and Other Box.
Safety and Quality control during work period.
Progress report and schedule control.

January2018 to April 2018

SCG Thai MMA#1&2
Small turn around M#1

Coordinator and control contactor to support
production team to Isolate and clear system for hand
over to maintenances team
Preparing material for turnaround works
Control quality safety and time to follow the schedule

June 2017 to July 2017

SCG Thai MMA#2

Small turn around M#2

Coordinator and control contactor to support production team to Isolate and clear system for hand over to maintenances team

Feb 2017 to March 2017

Exxon Mobil (Thailand)

Feb 2017 Shutdown S#1

Coordinator and control contactor for Preparation shutdown work.

Confirm blind size and rating class, Scaffolding installation and Insulation remove

Mechanical and Chemical cleaning Heat Exchanger

By high pressure water jet and chemical clean

Safety and quality control during shutdown

Nov 2015 to Oct 2016

Tran Thai-Malay Gas separation

Coordinate & controller extension plant and Shut down. (First Feb 2016 and Second Aug 2016)

WWT west water treatment line 4" HDPE under

ground

And Install jet aerator 4 unit.

Preparation work and take material for shutdown

Control contractor to support area owner and maintenance

PTW controller for confine space and hot work on New incinerator project, Second Shut down

Erection process and utility line from existing plant to new incinerator, Installation control refractory work inside incinerator and stack

Sep 2015 to Nov 2015

HITACHI plant Technologies (Thailand) Co., Ltd.

Rung Tawan Project II, SSRB Plant

Fabrication and erection control above ground pipe

Material inspection, type, class, dimension as per drawing and design by follow project spec and Standard

Control progress and schedule

June 2015 to Aug 2015

POSCO ENGINEERING & CONSTRUCTION LTD.

PTT Phenol train II project

RESPONSIBILITIES

Coordinator and Quality control welding work

For fabrication and erection

Aboveground pipe and steel structure as per spec

Line check and control punch clearing,

November 2014 to May 2015

Exxon Mobil (Thailand)

November 2014 Shutdown BL#1

Coordinator and control contactor for maintenance

Furnace / Tower / Drum and Heat Exchanger

And piping

RESPONSIBILITIES

preparation

Safety and quality control during shutdown
Identified blind points and rating for material

plate

Clear punch list after closed equipment.
Routine work # Tie in line west water ADO line
Change Block valve/Safety valve/repair and replace
Platform/repair roof seal storage tank, patching roof

And bottom plate, remove FRP lining

June 2013 to October 2014

Tran Thai-Malay Gas separation

CPM Partial Shutdown

RESPONSIBILITIES

PD mechanical supervisor
Shut down Preparation work
Take off material and identify line class
Co-ordinate with contactor should be prepare
manpower and special tools
supervise during shut down.

Feb 2013 to June 2013

Technip Engineering (Thailand)

HTY project Had Yai

RESPONSIBILITIES

NDT Coordinator and Quality control welding work
For fabrication and erection Underground pipe
Aboveground pipe and steel structure as per spec
Line check and control punch clearing, monitor hydro
test flushing and reinstatement

EXPERIENCE

June 2012 to Sep2012

Tran Thai-Malay Gas separation

CPM Partial Shutdown

RESPONSIBILITIES

PD Shutdown supervisor
Shut down Preparation work
Take off material and identify line class
Co-ordinate with contactor should be prepare
manpower and special tools
supervise during shut down

Dec 2011 to May2012

Best Tech & Engineering Limited.

FMG T155: Solomon & Chichester Project

RESPONSIBILITIES

Quality control & assembly steel structure of
mining, Conveyor, Train load out bin, Truss and
Take up Tower as per AWS D1.1 and AS standard
- Control fabrication and quality since start work
clear drawing, inspection and identify material&
consumable

-Check dimension and fit up/welding

- Visual weld and NDE inspection

Jul 2011 to November 2011

ESSO (Thailand) Co.,Ltd. TA 2011

RESPONSIBILITIES

Mechanical work for Heat Exchanger 27 Units
Preparation work for mechanical cleaning such as ;

Mat'l and spare part preparation
Insert blind, Open cover and pull bundle
Hight pressure water jet cleaning
Re-install bundle and cover
Hydro test tube and shell side

May 2009 to March 2011

RESPONSIBILITIES

Jetty#3

SCG Dow Group Siam polyethylene CO.,LTD
SPE II Project OSBL pipe line & Storage Tank
construction
Demolition and modification existing Octene
Relocation LA 3006loading arm from Jetty#1 to

Supervise and control fabrication & Erection work
NDE & Quality control line product and storage tank
of Octene, Hexene, Solvent
Coordinator with area owner and subcontractor

increase

Modify and tie-in work

May 2008 to Feb 2009

Sep 2007 to May 2008

RESPONSIBILITIES

module/Refractory

Samsung Engineering & Construction
PTT Gas Separation Project GSP # 6
Prepare document for welder Qualification
Inspection Above ground pipe
PTT Polyethylene company Limited
PTTPE Ethalene Cracker project
Senior Mechanical inspector
File & shop inspection Cracking Heater Fabrication
and Erection Convection coil/Heater

April 2007 to Aug 2007

RESPONSIBILITIES

Air Product
ESCRAVOS GAS TO LIQUIDS PROJECT
Fabrication & Erection Module
Quality control erection steel structure of module
Inspection weldment structure and piping as per AWS
D1.1 for steel structure work, ASME B31.3 Piping
Package control for pressure test

Feb 2006 to Apr 2007

RESPONSIBILITIES

line

Shedden Uhde (Thailand)
P1 Debottleneck Project (PTT/Chem)
Field inspection and welding quality control
Inspection weldment underground and above ground
Pipe,Radaint coil,USX,TLX of Furnace
Linn check and punch list of piping work for pre-test
Hydro and Phonematic test above and underground

Reinstatement after line completed.

Jan 2005 to Oct 2005
RESPONSIBILITIES

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S.Anant engineering & construction Co.,Ltd.
50,000 BPD Refinery Petchaburi Project.
QA/QC Supervisor, Civil & Mechanical Such as:

- Field Inspection Civil & Mechanical work
- Document Control & Quality Control
- Inspection report preparation
- Coordinate between Owner with subcontract and Vender
- Foundation Inspection of Equipment & Pipe rack
- Steel Structure & Piping Fabrication
- Welding inspection
- Blast & Painting Inspection
- Installation control HDPE pipe underground

Oct 2004 to Dec 2004
RESPONSIBILITIES

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Thai Shinryo Limited
DSC PP SBIA PROJECT
Quality control Welding & Erection work
Blast & Paint control

- Storage & Vessel Tank
- Stack & Duct Erection
- Structure HRSG No. I & II
- Overhead Crane

Oct 2003 to Apr 2004
RESPONSIBILITIES

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Esso (Thailand) Public Co., Ltd.
Turn Around 2004 Mechanical work Heat Exchanger Block #4 Total 51 units Separate to Heat exchanger 39 units, Air Fin 12 units

- High pressure water jet cleaning
- Coordinate between Process Operation, Inspector and maintenance contractor
- Control work procedure with job safety analysis Before Turn Around to be responsible for general maintenance Block #2
- Modify piping and structural steel works
- Replace and clean pump strainers
- Load/change Catalyst

Jun 2002 to Sep 2003
RESPONSIBILITIES

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Rayong engineering & Plant Service.
Qc Supervisor for Mechanical activities
Dow Chemical Shutdown.

- Water jet cleaning Heat Exchangers
- Repair filling pack of cooling water system

		<ul style="list-style-type: none"> • Repair burner trip of flare
		Thai CRT Co.,Ltd.
		<ul style="list-style-type: none"> • Repair cooling water system • Modify piping & Change valve
		Thai MMA co.,Ltd.
		<ul style="list-style-type: none"> • Water jet cleaning Heat Exchangers, Columns, Furnace
		<ul style="list-style-type: none"> • Inspection tray and repair
		Rayong Olefine Co, Ltd.
		<ul style="list-style-type: none"> • Change tube bundle of E-235 • Repair Furnace (Change Radian Coil)
		Thaipoly acetelene Co.Ltd.
		<ul style="list-style-type: none"> • Water jet cleaning, Inspection & Repair Heat Exchangers, Drums, Vessels
		Tuntex, SYS, SCS,CO.,Ltd.
		<ul style="list-style-type: none"> • Water jet cleaning, Inspection & Repair Exchangers, Mold Jacket, Furnace
Dec 2001- Jun 2002	@	THE AROMATICS (THAILAND) PUBLICS Co.,
Ltd.		
RESPONSIBILITIES		<p>Debottlencking Project I</p> <p>Erection and fabrication control piping.</p> <p>Welding control.</p> <p>Tie-in confirm points before shutdown</p>
Jun 2000- Aug 2001	@	RAYONG OLEFINS CO., LTD. ROC Expansion
RESPONSIBILITIES		<p>Phase III Project.</p> <p>Fabrication work radiant coil of heater J/K</p> <p>Erection steel structure furnace J/K.</p> <p>Fabrication work structure pipe rack.</p> <p>Welding control pipe on pipe rack 11A/11R.</p> <p>Refractory installation inside heater J/K.</p> <p>Erection radiant coil, cross over and jump over.</p> <p>Painting and Insulation work.</p>
Feb 1999-May 2000	@	MAP THA PUT THANKTERMINAL CO.LTD.
		Modify pipe and Erection Gang way on Jetty.
		Erection Ethylene compressor.
-1998	@	RAYONG OLEFINS CO., LTD.
		Repair furnace H-100 D/E/F.
		Move refractory and radiant coil inside furnace.
		Refractory installation h-100 D/E/F.
		Welding and erection control radiant coil
		Erection hard and wall burner.
Nov 1996-Feb 1998	@	RAYONG OLEFINS CO., LTD.
		(RTT/OSBL Project Phase I and II)
RESPONSIBILITIES		MAP THA PUT THANKTERMINAL CO.LTD.
		Interpreting films RT of pipe rack, Spherical Tank, Storage Tank, Pile pipe.
		Control fabrication work of steel structure.

Non	@	<p>Radiographic Test for Water Distribution Pipeline Project of Metropolitan Water work of Thailand.</p> <p>The Shell (Thailand) Co., Ltd.</p> <p>Inspector Welding, Radiographic Test, Hydrotest and Interpreting Radiographic of worked Submarine Pipeline as Phuket and Songkla Plant.</p>
system	@	<p>Esso Standard Thailand Co., Ltd. Sriracha, Chong</p> <p>Thee. Radiographic Test on pipe System and Steel Equipment's During annual Shutdown and assignment.</p> <p>Ultrasonic Meter Test area annular and bottom plate of</p> <p>Storage tank.</p> <p>Unimit Engineering Co.,Ltd.</p> <p>Radiographic test LPG Spherical Tank and pipe</p>
Spherical	@	<p>During construction at Suratthani Deport of petroleum Authority of Thailand.</p> <p># Radiographic lest of 4Unit of 1000 m LPG</p> <p>Tank during Construction at Bang-Prakong Deport of Unique Gas & Petrochemical CO.,Ltd. Various Construction Project "Map Ta Phut Petrochemical Complex, Rayong.</p> <p># Co – Ordination and Supervisor for Radiographic Test and other Non-Destructive Test Services of Spherical Tank, Piping Welding Work, Pipeline and Jetty Facilities at Various Plants and Facility Construction Project in Petrochemical Complex, Rayong for Constructors Such as;</p> <ul style="list-style-type: none"> ○ Sino-Thai Engineering & Construction CO.,Ltd. ○ Vatana Phaisal Engineering CO.,Ltd. ○ PAE (Thailand) CO.LTD. ○ Unimit Engineering CO.,Ltd. ○ Bangkok Steel Industry CO,Ltd. ○ Beta Engineering CO.,Ltd. <p># Carried out Services for Construction of Tanks,Piping Pipeline in Plants of;</p> <p># Control Bearing and paining steel structure and pipe.</p> <p># Consulting for welding and quantity control welding.</p> <p># Clear NDE Packsge for Hydrotest.</p>
<p>Feb.1996- Nov.1996</p> <p>RESPONSIBILITIES</p>	@	<p>Sumsung Engineering (Thailand) Co.,Ltd.</p> <p>(TPI Project: 3000,000 MPTY Ethylene Project)</p> <p># Co-ordination and interpreting films RT of Piping storage Quality control welding.</p> <p># Q.C. document control, Package control.</p> <p># Clear NDE Package for hydrotest.</p>

Aug. 1994-Jan 1996

RESPONSIBILITIES

- @ Sino-Thai Engineering & Construction Public CO.,Ltd. (Rayong Refinery Plant Project Rayong)
Control Welding Quality to Accord with Specification by:
- Radiographic Test (RT)
 - Magnetic Particle Test (MT)
 - Liquid Penetrant Test (PT)

1993-1994

RESPONSIBILITIES

- @ Qualitech CO.,Ltd.
Operation and leading RT crew at job site for testing work on weldment of pipe line from Donmuang to Saraburi.

Aug 1986-Oct 1993

RESPONSIBILITIES

- @ Siwa Testing Inspection & Consulting Co.,Ltd.
Supervising and Conduction Non-Destructive Testing Activities Specializing in Radiographic Test, Operating and Leading RT Crew At Work Shop and Job Site for testing Work on Weld Joints Of Pressure Vessels, Storage Tank, Piping, Pipe Line < Steam Boilers. Miscellaneous Machinery and Metal Products, Processing and Interpreting Radiographs According to International Accepted Codes
For example ASME, JIS, API, Handing and Supervising RT Assignment, Scheduling and Work Repairation.

Co-Ordination with Clients; carrying out other duties as assigned. Significant Assignments are such as;

@ NYK Transport (Thailand) CO., Ltd.

@ Vatana Phrisal Engineering CO., Ltd.

(Water distribution Pipeline Project)

- o National Petrochemical Corp.
- o Thai Petrochemical Industry CO., Ltd.
- o Thai Plastic & Chemical CO., Ltd.
- o Bangkok Industrial Gas Co., Ltd.
- o HMC Polymers CO., Ltd.
- o K. Boiler Industrial CO., Ltd.

Radiographic Test of Boiler during Fabrication

MCT Mitsubishi Corporation.

- o Sino-Thai Construction Service CO., Ltd.
- o Holland Sil Consortium Ply CO., Ltd.
- o TOYO-Thai Corporation CO., Ltd.

“Bang Pakong Thermal Plant Project Unit3 and 4”

Radiographic Test of Piping During Plant

Expansion Project of Bangpakong Thermal Plant Unit 3 and 4 of Electricity Generating Authority of Thailand.

- o Unimit Engineering CO., Ltd.
- o Applied Machinery CO., Ltd.

ADDITIONAL TRAINING AND ACTIVITY.

Sep,1990

- # Participated in Training on “Radiation Protection Level I organized by office of Atomic Energy for Peace.

<i>Jul, 1993</i>	# Certified in Radiographic Test Level II Magnetic particle test Level II Liquid Penetrant Test Level II from the Company in-house Training Session (SIWA Testing).
<i>Jul, 2007</i>	# Certified in radiographic Test Level II Magnetic particle test Level II Liquid Penetrant Test Level II form METCON DNDT
<i>May ,2012</i>	Training NDT Level II of ASNT document SNT-TC-1A 2006 edition. Method: Radiographic/Liquid Penetrant/Magnetic Particle Test Reference certificate Number 813-12-590
<i>September 2014</i>	CSWIP Training (WIS 3.1)