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NAME: Singkham Winai (198182)

DATE: Mar, 2020

POSITION TITLE	Field Piping Engineer	
ORGANIZATION	Field Engineer	
LOCATION	Batam Island, Indonesia	
CITIZENSHIP	Thai	
CONTINUOUS SERVICE	Aug 2016	
Date of birth	17 April 1979	
Mobile	08-7150-1772	
Email Address	SWN_1979@hotmail.com	

PROFESSIONAL LICENSES AND SOCIETIES

SNT-TC-1A:2001 Edition, Radiographic Testing	RT Testing ASNT Level II
SNT-TC-1A:2001 Edition, Magnetic Particle Testing	MT Testing ASNT Level II
SNT-TC-1A:2001 Edition, Liquid Penetrant Testing	PT Testing ASNT Level II
Visual Testing	VT Testing ASNT Level II

EDUCATION AND PERSONAL DEVELOPMENT PROGRAMS

Mattayomsuksa 6 (High School)	Ban Dung Wittaya School	Science, Mathematic	1997
Degree of Science	Udon-Thani Rajabhat University	Building Construction	2001

OTHER SIGNIFICANT INFORMATION

(Examples of relevant information that might be included here)

PERSONAL: Enjoy playing sports (Soccer and sepak takraw) as well as sing song

LANGUAGES: English - Good

MOBILITY: I am interested in short and long term assignments, both domestical and international.

CAPABILITY: Knowledge of Bechtel standards and procedures including AWS, ASME, ASTM, API specifications and project/client specifications. Good understanding of Bechtel SWPPs for Piping.

MEMBERSHIPS:

OTHER: Knowledge of Bechtel SWPPs, Teamworks / SAP tracking databases, Microsoft Office

Experience:

Over 16 years of experience in OG&C. construction, Piping, Structural and Pressure Vessel work. Experience in both shop fabrication and field erection of refinery plants, Module Yards and Turn-around (Shutdowns). Performed roles as Field Piping Engineer and Piping Inspector for multiple large scale OGC Construction projects.

DATES		WORK HISTORY	
FROM	TO	COMPANY, DIVISION, DEPARTMENT LOCATION AND SUPERIOR	POSITION HELD, SUMMARY OF RESPONSIBILITIES AND SIGNIFICANT ACCOMPLISHMENTS
11/2018	Present	GCME (GC representative) PY, GC Polyols Project Maptaphut Industrial, Rayong Thailand	QC Supervisor Witnessed and reviewed documents all of materials received for piping, tank and pressure vessel. Witnessed for erections piping, tank and pressure vessel fabrication shop and field. Witnessed process painting of piping, tank and pressure vessel. Witnessed line check piping and tank before pressure testing. Witnessed settlement inspection before, during, after filling water and also after drained water. Witnessed line check, hydrostatic test piping and tank. Witnessed as resident expeditors/inspector at Unimit workshop to pushing 176 equipment such as non-pressure vessel, pressure vessel and clad reactors to complete in time scheduled.
10/2017	10/2018	Aurecon Consulting (Thailand) (Consult) KSP Renewal Sugar and Power plant Project (Consult)	Site Steel Supervisor Witness for welding quality control of structural steel work. Witness Material received inspections of structural steel work. Witness Fit-up inspection, final visual inspection of welding for structural, Witness Painting inspections. Carry out of anchor bolt inspections before pouring concrete. Monitoring on site and supervise the technical to subcontractors. Ensured construction performed steel work to applicable with project specification
04/2017	06/2017	BP Welding and NDT (Bangchak representative) Bangchak TAM2018 Bangchak Petroleum, Bangkok Thailand	QA/QC Furnace Supervisor Responsibility: Ensure that projects are completed on schedule, according to contractual conditions, and with adherence to high standards of quality construction. Work with engineer on construction plans, as needed. Coordinate all sub-contractors and inspections fire heater. Responsible for completion of assigned tasks. Responsible to organize work crews for maximum efficiency of workers and material. Submit reports of work performed each day Ensure adherence to all relevant construction drawings, applicable specifications, work codes and safety manual. Perform inspection checks and verify correctness of results to Maintenance engineer (BCP).

08/2015	08/2016	Bechtel International Inc. Wheatstone Mod Yard Project Batam Island, Indonesia	Field Piping Engineer Responsible for piping quality control following with the project specification 202DA module for the Wheatstone Project LNG Plant. Created the piping test package for the 202DA module in line with Bechtel SWPPs and project specifications. Established new piping test package to construction and piping inventory for the 202DA module. Requisitioned all piping materials and controlled material as per project specification. Ensure of quality piping installation are maintained through controlling as per the project specification. Support all the piping technical to construction and also raised the FCD, NCR and RFI to engineering approved before proceed the piping work. Performed internal piping walk down, restoration and also final piping walk down with the client.
01/2015	07/2015	PTTME, Annapurna Project Vencorex Chemicals Maptaphut Industrial, Rayong Thailand	QA/QC Inspector Witness for welding quality control; Witness Material received inspection / Witness Fit-up inspection / final visual inspection of welding for subcontractor(s). Witness Line check/Punch list inspection, Witness Holiday test, Review the dossier before released Test package to Hydro test, Witness Hydro test inspection, Witness Painting & Insulation inspection, Witness Flushing inspection, Witness Reinstatement inspection and Mechanical Complete (MC) walk down. Internal inspection for fabrication Pressure Vessel, Heat Exchanger and Hot Combine Reactor. Witness and inspection for NDT. (VT, PT, MT, PMI and UTM) Reviewed all the NDT reports, films and sign off.
11/2013	09/2014	Bechtel International Inc. APLNG Mod Project Inlet Air Chilling (IAC) Modules Batam Island, Indonesia	Field Piping Engineer Responsible for piping quality control following with the project specification Inlet Air Chilling (IAC) modules for the APLNG project. Created all piping test package for the IAC modules in line with Bechtel SWPPs and project specifications. Established new piping test package to construction and piping inventory for the IAC project. Requisitioned all piping materials and controlled material as per project specification. Ensure of quality piping installation are maintained through controlling as per the project specification. Flange face inspection and prepare the document for proceed subcontractor to perform all of flange re-machining. Support all the piping technical to construction and also raised the FCD, NCR and RFI to engineering approved before proceed the piping work. Performed internal piping walk down, restoration and also final piping walk down with the client.
06/2013	11/2013	McCONNELL DOWELL. (Thailand) ASU III (Air Separation Plant	Field Piping Engineer Ensured construction performed piping work to applicable with

		Project) Maptaphut Industrial, Rayong Thailand	project specification. Support all piping technical and piping standard as per ASME B31.3, ASMEVIII and relevant with the piping specification. Performed internal piping walk down, restoration and also final piping walk down with the client. Controlled all of piping test packages and piping punch list for assist construction to completed job. As-built piping isometric drawings before turnover the piping test packages to the client.
03/2013	06/2013	HMC HMC Turn Around 2013 Project (HMC representative) Maptaphut Industrial, Rayong Thailand	QA/QC Inspector Witness for welding quality control; Witness Material receive inspection / Witness Fit-up inspection / final visual inspection of welding for subcontractor(s). Witness Line check/Punch list inspection, Witness Holiday test, Review the dossier before released Test package to Hydro test, Witness Hydro test inspection, Witness Painting & Insulation inspection, Witness Flushing inspection, Witness Reinstatement inspection and Mechanical Complete (MC) walk down. Internal inspection for Pressure Vessel, Heat Exchanger and Hot Combine Reactor after cleaning. Witness and inspection for NDT. (VT, PT, MT and UTM) Reviewed all the NDT reports. Checked and control unloading adsorbent from the vessel and re-load after internal cleaning.
02/2012	01/2013	Bechtel International Inc. QCLNG Project Leam cha bang Port, Chonburi Thailand	Field Piping Engineer Responsible for piping quality control following with the project specification QCLNG project. Created all piping MMWR to match with planning to installation piping spools for the 107RF-RL modules. Established piping test package to construction and piping inventory for the 107RF-RL, QCLNG project. Requisitioned all piping materials and controlled materials as per project specification. Ensure of quality piping installation are maintained through controlling as per the project specification. Flange face inspection and prepare the document to subcontractor to perform all of flange re-machining and re-inspection after re-machined. Support all the piping technical to construction and also raised the FCD, NCR and RFI to engineering approved before proceed the piping work. Performed internal piping walk down, restoration and also final piping walk down with the client.
05/2011	01/2012	Bechtel International Inc. Clean Fuel Project SPRC/Star Petroleum Refinery Maptaphut Industrial, Rayong Thailand	Field Piping Engineer Responsible for piping quality control following with the project specification for the SPRC project. Created piping test package for the compressor area modules in line with Bechtel SWPPs and project specifications. Established new piping test package to construction and piping inventory for the SPRC project. Ensure of quality piping installation are maintained through controlling as per the project specification.

			<p>Flange face inspection before installation and prepare the document for proceed subcontractor to perform all of flange re-machining. Support all the piping technical to construction and also raised the FCD, NCR and RFI to engineering approved before proceed the piping work.</p> <p>Performed internal piping walk down, pressure test inspection, restoration and also final piping walk down with the client.</p>
01/2011	04/2011	SK E&C PTTAR Project (Main contractor) Maptaphut Industrial, Rayong Thailand	<p>Piping Inspector</p> <p>Responsible for welding quality control; Inspected Material receive inspection / Witness Fit-up inspection / final visual inspection of welding for subcontractor(s). Witness Line check/Punch list inspection, Witness Holiday test, Review the dossier before released Test package to Hydro test, Witness Hydro test inspection, Witness Painting & Insulation inspection, Witness Flushing inspection, Witness Reinstatement inspection and Mechanical Complete (MC) walk down.</p> <p>Created the drawings weld map for all of piping package and also the steel structure.</p> <p>As-built piping isometric drawings before turnover the piping test packages to the client.</p>
07/2008	12/2010	PTTME PTTPE LDPE Project (PTTPE representative) Maptaphut Industrial, Rayong Thailand	<p>Senior Piping Inspector</p> <p>Witness for welding quality control; Witness Material receive inspection / Witness Fit-up inspection / final visual inspection of welding for subcontractor(s). Witness Line check/Punch list inspection, Witness Holiday test, Review the dossier before released Test package to Hydro test, Witness Hydro test inspection, Witness Painting & Insulation inspection, Witness Flushing inspection, Witness Reinstatement inspection and Mechanical Complete (MC) walk down.</p>
03/2008	07/2008	SAMSUNG Engineering MOC CRACKER Project (Main contractor) Maptaphut Industrial, Rayong Thailand	<p>Piping Inspector</p> <p>Responsible for welding quality control; Insure welders performed welding works to applicable Welding Procedure Specification (WPS), Oversee Welder Qualification Testing (WQT) per ASME IX criteria, inspect piping components per ASME B31.3 criteria; Control all work package; Control and ensure welding consumables; Coordinate NDE, Coordinate Subcontractor; PWHT, Insulation, Review History sheet for released Test package for Hydro testing/Pneumatic Test. Performed internal piping walk down, restoration and also final piping walk down with the client.</p>
12/2007	03/2008	SK E&C PTTAR, Reformer and Aromatic Complex Project (Main contractor) Maptaphut Industrial, Rayong Thailand	<p>Piping Inspector</p> <p>Responsible for welding quality control; Insure welders performed welding works to applicable Welding Procedure Specification (WPS), Oversee Welder Qualification Testing (WQT) per ASME IX criteria, inspect piping components per ASME B31.3 criteria; Control all work package; Control and ensure welding consumables; Coordinate NDE, Coordinate Subcontractor; PWHT, Insulation, Review History sheet for released Test package for Hydro testing/Pneumatic Test. Performed internal piping walk down, restoration and also final piping walk down with the client.</p>

04/2007	11/2007	McCONNELL DOWELL. (Thailand) Western TSF Structural, Mechanical & Piping package Project Lane Xang Minerals Co.,Ltd. (Laos)	Piping Inspector Responsible for welding quality control; Insure welders performed welding works to applicable Welding Procedure Specification (WPS), Oversee Welder Qualification Testing (WQT) per ASME IX criteria, inspect piping components per ASME B31.3, API1104 criteria; Control all work package; Control and ensure welding consumables; Coordinate NDE, Coordinate Subcontractor; PWHT, Insulation, Review History sheet for released Test package for Hydro testing/Pneumatic Test. Performed internal piping walk down, restoration and also final piping walk down with the client. Created the drawings weld map for all of piping package and also the steel structure. As-built piping isometric drawings before turnover the piping test packages to the client.
10/2006	03/2007	McCONNELL DOWELL. (Thailand) PTTCH Plant 1 Debottleneck Project Maptaphut Industrial, Thailand	Piping Inspector Responsible for assistants welding quality control; Insure welders performed welding works to applicable Welding Procedure Specification (WPS), Oversee Welder Qualification Testing (WQT) per ASME IX criteria, assistants Inspect structural steel components per AWS D1.1 criteria, assistants inspect piping components per ASME B31.3 criteria, Maintaining adequate inventory of welding filler material and consumables, Service support and issue welding filler material control following as per project specification, Service support all welding Equipment, assistants Fit-up inspection / Final visual Inspection, Daily welding report record, assistants Coordinate NDE and ensue of welding for NDE testing. Performed internal piping walk down, restoration and also final piping walk down with the client.
05/2006	10/2006	RMC Industrial Co., Ltd 775 Alumina Handing Project Rayong, Thailand	Welding Engineer Responsible for quality control; steel structure,/piping fabrication work, planning inspection review apply the client specification has to make inspection and test procedure (ITP), welding procedure specification (WPS), procedure Qualification record(PQR), welder qualification test(WQT), Quality control Plant(QCP); Check pipe/plate and ensure welding consumable for side, condition, specification; Fit-up visual inspection;/Final visual inspection, Coordinate NDE, witness visual inspection Fit-up &welding jobs of subcontractor, document control and QS control coordinator. Reviewed all of NDE reports and preparation MDR to hand over the documents to the client.
01/2006	05/2006	Thai Woo Ree Engineering Co., Ltd TPI Expansion Plant Project Rayong, Thailand	Piping Inspector Responsible for fabrication shop for Construction piping work and Structural steel Inspection welding Procedure specification of (WPS), lay-out check, fit-up visual inspection, welding quality control, dimension check, welding visual inspection, welding daily report record, NDE coordinate, final inspection, progress report, document control for hand over project.
11/2005	01/2006	Thai Woo Ree Engineering Co., Ltd ROC Turn Around (TA) Project Maptaphut	Piping Inspector Responsible for fabrication shop for Construction piping work and Structural steel Inspection welding Procedure specification of (WPS), lay-out check, fit-up visual inspection, welding quality control, dimension check, welding visual inspection, welding daily report record, NDE coordinate, final inspection, progress report, document control for hand over project.

04/2005	11/2005	BEC Engineering Co., Ltd Thailand Carbon Black Project Rotjana Industrial, Thailand	QC Inspector/ Draftsman Responsible for fabrication shop for Construction piping work, Structural steel and Tank Inspection welding Procedure specification of (WPS), lay-out check, fit-up visual inspection, welding quality control, dimension check, welding visual inspection, welding daily report record, NDE coordinate, final inspection, progress report, document control for hand over project. Final inspection for piping accordance with ASME B31.3 Final inspection for structural accordance with AWS D1.1 As-built piping isometric drawings to match with actually on field before turnover the piping test packages to the client.
01/2005	04/2005	Getabec Energy Co., Ltd Thai Food and Nan Yang Project Rayong, Thailand	QC Inspector Responsible for fabrication shop for Construction piping work and Pressure Vessel Inspection welding Procedure specification of (WPS), lay-out check, fit-up visual inspection, welding quality control, dimension check, welding visual inspection, welding daily report record, NDE coordinate, final inspection, progress report, document control for hand over project. Final inspection for piping accordance with ASME B31.3 Final inspection for pressure vessel accordance with ASME VIII

08/2004	01/2005	BEC Engineering Co., Ltd TOC GC EO/GC Project Maptaphut Industrial, Thailand	Draftsman Created the isometric drawings weld map for all of piping package and also created the piping test package. Drawings controlled, coordinated and issued the drawings to subcontract with the latest revision. Reviewed the document piping test packages before release to pressure test. As-built piping isometric drawings to match with actually on field before turnover the piping test packages to the client.
08/2003	08/2004	BEC Engineering Co., Ltd GSP5, Gas Separation Plant Project Maptaphut Industrial, Thailand	Draftsman Created the isometric drawings weld map for all of piping package and also created the piping test package. Drawings controlled, coordinated and issued the drawings to subcontract with the latest revision. Reviewed the document piping test packages before release to pressure test. As-built piping isometric drawings to match with actually on field before turnover the piping test packages to the client.
03/2003	08/2003	SINO-THAI Engineering Co., Ltd Suwannaphumi Airport Project Bangkok, Thailand	OC Technician Responsible for fabrication shop for Construction piping work and Structural steel Inspection welding Procedure specification of (WPS), lay-out check, fit-up visual inspection, welding quality control, dimension check, welding visual inspection, welding daily report record, NDE coordinate, final inspection, progress report, document control for hand over project.
01/2002	03/2002	SINO-THAI Engineering Co., Ltd TPC, Thai Poly Ethylene Project Bangkok, Thailand	OC Technician Responsible for fabrication shop for Construction piping work and Structural steel Inspection welding Procedure specification of (WPS), lay-out check, fit-up visual inspection, welding quality control, dimension check, welding visual inspection, welding daily report record, NDE coordinate, final inspection, progress report, document control for hand over project.