

5E-1: QUALIFICATIONS AND WORK EXPERIENCES OF KEY STAFF



1. Qualifications

No. CVT 6 - 12 **Position** Survey Specialist-2 (QS)

Name Mr. Arlak Wongjatupat **Date of Birth** September 9 1961 **Age** 61 yr.

Nationality Thai **Citizenship** Thai **Current Habitat** Nonthaburi Province

Education (Please attach certified photocopies of such degree certifications)

Pre-undergraduate Education - **Institution** - **Year of graduation** -

Undergraduate Degree B.Eng. (Civil Engineering) **Institution** Khon Kaen University **Year of Graduation** 1984

Graduate Degree - **Institution** - **Year of Graduation** -

Doctorate Degree - **Institution** - **Year of Graduation** -

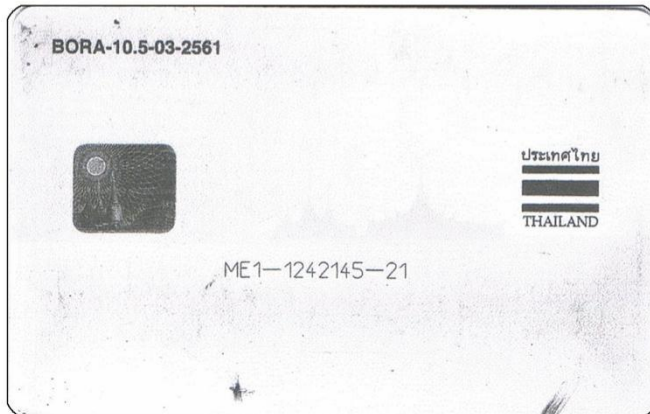
Current Work Status

Firm CRDC

Profession Civil Engineer **Years with Firm/Entity** 1 month

Professional Licenses (Please attach certified photocopies of such licenses)

- 1) Identity Card
- 2) Academic Certificate for Bachelor Student
- 3) Professional Title Certificate



Identity Card

Identification Number: 3409900354886

Name: Mr. Arlak **Last name:** Wongjatupat

Sex: Male

Date of Birth: September 9 1961

Residential Address: 100/14 Chaiyapruk Village, Soi Wat lad pla duk, Bangbuathong, Bangrakpattana, Nonthaburi Province

Issue Date: May 10, 2018 **Expiry Date:** September 8, 2026

Kingdom of Thailand



KHON KAEN UNIVERSITY
KHON KAEN, THAILAND



Name: MR. ARLAK WONGJATAPAT (English)
อารลัก วงศ์จตุพต (Thai)
 Date of Birth: SEPTEMBER 9, 1961 (English)
๙ กันยายน ๒๕๐๒ (Thai)
 Home Address: 51/28 N. THONGCHAIWIT ROAD THABKHO THAILING SURABHUMI
 Nationality: Thai
 Date of Issuance: M.S.S. 10524501780541
 Issued: JUNE, 1977 Faculty: ENGINEERING
ENGINEERING
 Under: CIVIL ENGINEERING
 Degree: BACHELOR OF ENGINEERING

Academic Year	Credits Earned	Cumulative			Grade Point Average
		Credits Attempted	Credits Passed	Grade Points	
1979-80	=	44	44	137	3.10
1980-81	=	85	85	276	3.25
1981-82	=	123	123	376	3.07
1982-83	=	173	169	527	3.09
1983-84	=	206	198	620	3.04

Course No.	Course Title	Sec. Co.	Grade	Course No.	Course Title	Sec. Co.	Grade
	<u>1st year (1979-80)</u>						
	First Semester			161 228	Thermodynamics I	3	D
314 111	Algebra and Analytic Geometry	2	C	162 201	Electrical Engineering I	3	D
314 121	Calculus I	2	C	162 204	Math. Topics For Engineers I	2	D
315 101	General Physics I	4	C	164 251	Materials Science	3	C
312 212	General Chemistry I	4	D	164 201	Mechanics of Material	3	D
411 101	General English I	3	C		Second Semester		
161 100	Engineering Orientation	1	B	162 205	Mathematical Topics for Engineers II	2	D
165 111	Engineering Drawing I	1	C	314 325	Differential Equations	3	C
413 110	Art Appreciation	2	C	165 212	Engineering Mechanics II	3	D
413 141	Logic	2	A	165 228	Fluid Mechanics	4	C
	Second Semester			164 200	Construction Materials	3	C
314 112	Algebra II	2	B	214 103	Physical Education Activities (Volleyball)	1	A
314 122	Calculus	2	C	414 100	Introduction to Social Science	2	B
315 102	General Physics II	4	C	414 120	Principles of Economics	2	C
312 212	General Chemistry II	4	B		<u>2nd year (1981-82)</u>		
411 102	General English II	3	B	164 300	Open Channel Flow I	2	D
165 112	Engineering Drawing II	1	C	164 321	Hydrology	2	F
165 130	Engineering Workshop Practice	1	C	164 330	Engineering Geology	3	D
214 103	Physical Education Activities (Track and Field)	1	A	164 331	Soil Mechanics	4	C
	<u>Summer (1979-80)</u>			164 340	Structural Theory	4	C
165 211	Engineering Mechanics I	3	C	164 350	Surveying I	4	C
411 221	Technical English I	2	B	414 200	Introduction to Population Studies	2	C
	<u>3rd year (1980-81)</u>				Second Semester		
314 301	Advanced Calculus I	3	A	164 300	Water Supply and Pollution Control I	3	C
411 221	Technical English II For Engineering Students	2	B	164 310	Highway Engineering	3	D
				164 321	Hydrology	2	C
				164 341	Reinforced Concrete Design	4	D

A GPA of at least 2.25 is required for graduation. Grade equivalence is as follows: A=4, B=3, C=2, D=1, F=0, W=No Record. Other credits used in credit by test. The following letters carry no point value: S=Successful; U=Unsuccessful; I=Incomplete; W=Withdrawn.

If Conditional, One credit represents 16 semester hours of lecture or the equivalent. Two class letters are granted to students with a cumulative GPA of at least 2.40 and second class letter to students with a cumulative GPA between 2.25 and 2.39.

Carried the 1983 Year held without year

Issued on April 2, 1984
 Signed: Somsak Sankom Registrar
Saha Date

Academic Certificate for Bachelor Degree

Mr. Arlak Wongjatapat, male, born on September 9 1961, has completed undergraduate program courses prescribed in Bachelor of Engineering majoring in Civil Engineering.

Registrar: -

Name of University: Khon Kaen University

Date of Graduation: May 24, 1984



Certificate for Name Changing

Mr. Arlak Wongjatupat ID number 3409900354886 changed name and last name on February 15, 1999 from Mr. Arak Sirisaliphot to be Mr. Alak Wongjatupat



Professional Title Certificate for Engineer

License for Professional Practice of Engineering Act B.E.2542

Name:..... Mr. Arlak Wongjatupat

ID Number:..... 3409900354886

Professional Practice of Engineering:..... Civil Engineering

Associate Engineer:..... Professional Civil Engineer

Registration Number:..... Sor Yor 6970

Valid Date:..... November 21, 2021 **Expired Date:**..... November 20, 2026 ..

Membership Type:..... Ordinary Member **No.:** 4853

Issue Date:..... November 21, 2021 **Expiry Date:**..... November 20, 2026

2. Employment Record

Name of Firm/Entity	Position Held	Start and End Date & Duration of Each Position	Brief Major Job Description
State Railway of Thailand	Assistant Civil Engineer	Mar 1984 - Apr 1989 (5 years 2 months)	<ul style="list-style-type: none"> Assist the Project engineer for the construction of railway route , station, block installation , housing, platform, and responsible for the annual maintenance schedule & planning
Thai - Bauer Co., Ltd.	Project Engineer	Apr 1989 - Aug 1991 (2 years 5 months)	<ul style="list-style-type: none"> Construction of Bored piles work
Siam Seaport Terminal & warehouse Co., Ltd.	Assistant Project Manager	Jun 1992 - Jan 1994 (1 year 8 months)	<ul style="list-style-type: none"> Construction Supervision of Civil Work for Jetty
MDX Public Co., Ltd.	Project Manager	Feb 1994 - Jan 1996 (2 years)	<ul style="list-style-type: none"> Construction Supervision of Civil Work for Gateway City Industrial Estate
CH. KARNCHANG Public Co., Ltd.	Senior Civil Engineer	May 1997 - Mar 1999 (1 year 11 months)	<ul style="list-style-type: none"> Manage of the existing underground structures and superstructures, any utilities, overhead and underground wire of power and telephone system relocation. Preparation of temporary structures for sheet pile protection, soil excavation & transportation, RC pipe and Box culvert pipe installation including precast and cast in suite manholes. Construction of all the Control and Operation of the MRTA Station, underground structures, bored piles and diaphragm wall, steel structures support and equipment's installation
Bueng Klo Industrail Allotment	Senior Project Manager	Mar 1999 - Mar 2005 (6 years)	<ul style="list-style-type: none"> Construction and Marketing section including Customer service inside of project. About 50 Factories, 250 commercial buildings, water & power supply, telephone sub switching, waste water treatment plant, and some infrastructures were substantial completed
Central Pattana Public Co., Ltd.	Senior Project Manager	Apr 2005 - Apr 2006 (1 year)	<ul style="list-style-type: none"> Co-operation with the consultants and the company' s tenants to achieve the target of project schedule Identify and ensure accuracy of system, testing including implementation and quality assurance. Reported to the Chief Executive Officer for the progress, offered professional solutions to customers
Namfatt Construction (Thailand) Co., Ltd.	QS Manager	May 2006 - Feb 2012 (5 years 10 months)	<ul style="list-style-type: none"> As the Main Contractor to serve for study the project execution plan, the job instructions and other documents referred to therein for a proper understanding of the activities, Co-ordinate and resolve all construction and technical problems with all parties either directly or indirectly involved and relating to the project that are affecting the construction progress

Name of Firm/Entity	Position Held	Start and End Date & Duration of Each Position	Brief Major Job Description
			<ul style="list-style-type: none"> • Responded for Lead, guide, supervise, plan, organize, execute, monitor and control of the measurement of quantities, qualities of works within company guidelines and regulations to ensure the correctness method. • Attend the project meeting the client (NHA), other consultants, engineers, authorities and subcontractors and follow up all outstanding issues raised and resolve in a timely manner to obtain information of importance for the tasks of responsibility. • Provide and report data on progress to The PM. Ensure all daily, weekly and monthly reports are prepared to meet the deadlines and submit to the management and the Clients. Attend progress review meetings (on call) and report on PM&PD and any matters requiring special attention to warrant completion to plan including report on identifying problems affecting the schedule and progress of work and present an action plan to the management for review and approval. • To follow up the hand-over process closely with The Consultant and The Clients to achieve timely completion, quantities & quality and budget
PWH (Thailand) Co., Ltd.	Project Manager	Feb - Jun 2012 (5 months)	<ul style="list-style-type: none"> • To schedule and operate the galvanized steel production at factory. • To schedule and construct the underground structures for the Columns. • To remove the existing 115 KV line and replacing with new 230 KV line. • Co-ordination with EGAT supervisor and local subcontractor of the project
Therd Thai Co., Ltd.	QS Manager	Jun 2012 - Nov 2012 (6 months)	<ul style="list-style-type: none"> • Measurement of the quantities and qualities of the new projects and some projects on hands
MAA Consultant Co., Ltd.	QS Engineer	Nov 2014 - Jun 2015 (8 months)	<ul style="list-style-type: none"> • Measurement of the quantities, qualities of construction & decoration works
B. Inter and Technology Co., Ltd.	Project Director	Jul 2014 - Mar 2018 (4 years 10 months)	<ul style="list-style-type: none"> • Overall projects from starting to the end ,ensuring the fulfillment of Client scope, time schedule, equipment order & installation, bidding & providing for suitable suppliers & contractors. • To ensure the construction and installation activities according to the code & local law and regulations. • Responsible for training of farm equipment and knowhow of the construction to teamwork and marketing. • Planning for company annual budget

Name of Firm/Entity	Position Held	Start and End Date & Duration of Each Position	Brief Major Job Description
			and manpower
Marton (Thailand) Co., Ltd.	Project Engineer	Sept 2018 - Feb 2020 (1 year 5 months)	<ul style="list-style-type: none"> Served as the Owner Representative for weekly activities during The construction phase Ensuring the fulfillment of Client scope, schedule Lead discussion between Client and Contractors to resolve disputes on unanticipated project complication and delays Ensured the activities according to the code & factory regulations
Dynamic Engineering Consultants Co., Ltd.	QS Manager	March 2020-Present	<ul style="list-style-type: none"> Propose to Supervise for Thai China High Speed Railway Project

3. Work Experiences

Start and End Date & Service Duration	Projects	Project Type	Construction / Investment Cost or Consulting Service	Position	Nature of Tasks Undertaken	Notes
Mar 1984 - Apr 1989 (5 years 2 months)	<ol style="list-style-type: none"> Surveying of the railway route and right of way for the construction of Chachengsao - Sattahip port Railway project (Lot3) Surveying of the railway route and right of way for the construction of Maptaput - Sattahip port Railway project Pre-Qualification of the Contractor for the construction of Siracha - Lamchabang Railway Project Feasibility study of Kang Khoy - Clong 19 Railway Project 	Railway	-	Assistant Civil Engineer	Assist the Project engineer for the construction of railway route , station, block installation , housing, platform, and responsible for the annual maintenance schedule & planning	
Apr 1989 - Aug 1991 (2 years 5 months)	<ol style="list-style-type: none"> Construction of Bored piles for BKK Bank Tower Sathon 	Bored piles	-	Project Engineer	Construction of Bored piles work	

Start and End Date & Service Duration	Projects	Project Type	Construction / Investment Cost or Consulting Service	Position	Nature of Tasks Undertaken	Notes
	road, Phayathai Plaza Office Tower, Saladaeng Tower and Muang Thong Tani Condominium Project					
Jun 1992 - Jan 1994 (1 year 8 months)	6. Construction of Ao Udom Jetty Project including the construction of Warehouses, Factories, Molasses Tank, Road way, Office building, truck loading, Jetty foundation	Jetty	-	Assistant Project Manager	Construction Supervision of Civil Work for Jetty	
Feb 1994 - Jan 1996 (2 years)	7. Construction of Gateway City Industrial Estate Project, including Buildings Offices construction, Road construction, water & power supply station, reservoir for raw water, waste water treatment plant, fencing and other facilities	Industrial Estate	-	Project Manager	Construction Supervision of Civil Work for Gateway City Industrial Estate	
May 1997 - Mar 1999 (1 year 11 months)	8. Construction of MRT Project at Bon Kai Station, Bangkok	MRT	-	Senior Civil Engineer	<ul style="list-style-type: none"> • Manage of the existing underground structures and superstructure, any utilities, overhead and underground wire of power and telephone system relocation. • Preparation of temporary structures for sheet pile protection, soil excavation & 	

Start and End Date & Service Duration	Projects	Project Type	Construction / Investment Cost or Consulting Service	Position	Nature of Tasks Undertaken	Notes
					<p>transportation, RC pipe and Box culvert pipe installation including precast and cast in suite manholes.</p> <ul style="list-style-type: none"> • Construction of all the Control and Operation of the MRTA Station, underground structures, bored piles and diaphragm wall, steel structures support and equipment's installation 	
Mar 1999 - Mar 2005 (6 years)	9. Construction and Management control of Bueng Klo Industrial Estate Project	Industrial Estate	-	Senior Project Manager	<p>Construction and Marketing section including Customer service inside of project. About 50 Factories, 250 commercial buildings, water & power supply, telephone sub switching, waste water treatment plant, and some infrastructures were substantial completed</p>	
Apr 2005 - Apr 2006 (1 year)	10. Construction and renovation Zone A, B, C of The Central World Plaza Project at Bangkok	Plaza Building	-	Senior Project Manager	<ul style="list-style-type: none"> • Co-operation with the consultants and the company' s tenants to achieve the target of project schedule • Identify and ensure accuracy of system, testing including implementation and quality assurance. 	

Start and End Date & Service Duration	Projects	Project Type	Construction / Investment Cost or Consulting Service	Position	Nature of Tasks Undertaken	Notes
					<ul style="list-style-type: none"> Reported to the Chief Executive Officer for the progress, offered professional solutions to customers 	
Feb - Jun 2012 (5 months)	11. Main Contractor for manage and control the Project of Supply and Construction of Transmission Line of 230/115 KV and transmission expansion of Samutsakhorn-4 to Sampran-1	Transmission Line	-	Project Manager	<ul style="list-style-type: none"> To schedule and operate the galvanized steel production at factory. To schedule and construct the underground structures for the Columns. To remove the existing 115 KV line and replacing with new 230 KV line. Co-ordination with EGAT supervisor and local subcontractor of the project 	
Jun 2012 - Nov 2012 (6 months)	12. Construction of Tak-Sukhothai Road Construction Project 13. Construction of Water Gate Project at Nam Yom River Sukhothai 14. Construction and expansion of Soi Mai Ya Rap Road project at Bangkok	Road, Water Gate	-	Engineering Manager	Measurement of the quantities and qualities of the new projects and some projects on hands	
Nov 2014 - Jun 2015 (8 months)	15. The tenants shop of the Siam Square One Project at Chulalongkorn University	Tenants shop	-	Project Manager	Measurement of the quantities, qualities of construction & decoration works	

Start and End Date & Service Duration	Projects	Project Type	Construction / Investment Cost or Consulting Service	Position	Nature of Tasks Undertaken	Notes
Jul 2014 - Mar 2018 (4 years 10 months)	16. Construction of Betagro Farming Project at Song Khla and Prajin Buri Province	Farm Building	-	Project Director	<ul style="list-style-type: none"> • Overall projects from starting to the end ,ensuring the fulfillment of Client scope, time schedule, equipment order & installation, bidding & providing for suitable suppliers & contractors. • To ensure the construction and installation activities according to the code & local law and regulations. • Responsible for training of farm equipment and knowhow of the construction to teamwork and marketing. • Planning for company annual budget and manpower 	
Sept 2018 - Feb 2020 (1 year 5 months)	17. Construction of JRM Factory Construction Project at Pratoomthani province	Factory Building	100 Million Baht	Project Engineer	<ul style="list-style-type: none"> • Served as the Owner Representative for weekly activities during The construction phase • Ensuring the fulfillment of Client scope, schedule • Lead discussion between Client and Contractors to resolve disputes on unanticipated project 	

Start and End Date & Service Duration	Projects	Project Type	Construction / Investment Cost or Consulting Service	Position	Nature of Tasks Undertaken	Notes
					<ul style="list-style-type: none"> complication and delays Ensured the activities according to the code & factory regulations 	
June 2020 – Feb 2024	18. The Construction of Bangkok – Nakhon Ratchasima Contract 2-1	High Speed Railways.	3114 MB	Quantity Surveyor Specialist.	<ul style="list-style-type: none"> Served as the Construction Supervision Consultant (CSC) for the inspection and approval of all of the Payments to the Owner (SRT) . 	

I, the undersigned, certify that to the best of my knowledge and belief, these data correctly describe me, my qualifications, and my experiences.

Signature (Signature of Authorized Representative of the Firm) (.....)

Date:

Signature (Signature of Staff Member) (.....)

Date: