



# MR. THANAPHAT THINKHAWNOI

**Civil Engineering**  
kasetsart University  
(Bangkhen)  
2019-2023

## CONTACT



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Lat Phrao,  
Bangkok 10230



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086-329-2955

## CAREER OBJECTIVE

I am passionate for structural engineer role because I would like to get new ideas about designing structures and more experiences to combine with the things I had learned from the university and all previous experiences. Moreover, I feel enjoy when I work in solving and finding new ways to create the practical or improve structural works, design report, or any advanced structural systems analysis like eigen/nonlinear problems. So I appreciate improving myself anyways to be a fast learner and effective person.

## WORK EXPERIENCES

### 2023 (June - Present) - Design Engineer (PEB) at NS BlueScope (Thailand) Limited.

- Plan-Section checking and clearing.
- Pre-Engineered Metal Building Design Learning.
- Cold-formed steel design for erection and installation.
- BOQ preparation.
- Wind Loads on low-rise partial/enclosed buildings excel calculations for pressure according to ASCE 7-05.

### 2022/2023 - Senior Project Title: Structural strengthening of cold-formed steel beams by prestressing.

- Study about Finite Element Analysis (nonlinear buckling) in ABAQUS software.
- Create boundary conditions and external prestressing system.
- Prestressing level and load/thermal stages on beams.
- Cold-formed steel properties and behaviors (AISI S100-16 code).
- Validation and verification with Effective Width and Direct Strength Method (Hand calculation for Global / Local / Distortional Buckling and further in CUFSM software.)
- Parametric study, moment-deflection comparison, failure mode shape, and conclusions. (Nonlinear Yielding set-up/Prestressed Losses/Stress distribution).

### 2022 - Summer internship program at Technip Energies (Thailand) LTD,.

#### Worked as a structural engineer (onshore structures) for 2 months.

- Performed structure analysis, report, and conversant with AISC, ASCE, ACI, AIP standards.
- Calculated RC design spreadsheet and steel design.
- Stability design structures on pipe rack/bridge, equipment foundation, and water pump shelter. Learning about release moments in members for making structures stabilized.
- Input design parameters into STAAD.Pro and using load combinations.
- Learned wind & seismic loads calculations for open buildings.
- Preparing Material Take Off (MTO).
- Foundation design for dynamics loads including pile and raft foundation.
- Modified Excel spreadsheet and inspect some errors that will make it hard for calculations and tracing.

### 2021 - Summer internship program at Construction Lines.,Ltd (Paolo hospital, Chokchai4 site)

#### Worked as a site engineer assistant for 2 months.

- Tracked construction daily report, Checked construction process from technical design with CM to ensure that the workers followed correctly to ISO 9001(2015) checklist.
- Learned how to do bar cut lists, computed quantity of concrete and steel for each floor. Then, made it in Excel and deliver to site engineer to order vendors.
- Helped structural site engineer to inspect and solve problems with formworks or steel bar that clashed with piping work, etc.

## EXTRA CIRRICULAR ACTIVITIES & ACHIEVEMENTS

2021

- Certificated Coursera course "Data-driven decision making" by PwC.
- Certificated Chula MOOC course "The new normal in Thailand's construction industry (BIM)".
- Certificated training computer skills in BIM from Kasetsart University. (Revit / Civil 3D / Infraworks).

## PROFESSIONAL SKILLS

## PERSONAL SKILLS

### > Language

### > Softwares

• English  
TOEIC score  
730/990

- STAAD.Pro
- ABAQUS
- AutoCAD
- Revit

- CUFSM
- MS Office
- STAAD Foundation
- Civil 3D
- Data analysis
- BIM knowledge

- > Independently
- > Motivated
- > Desire to learn

- > Organized
- > Logical thinking
- > Leadership



# KASETSART UNIVERSITY THAILAND

STUDENT ID 6210502831  
 NAME Mr. Thanaphat Thinkhawnoi  
 นายชนภัทร ถิ่นเขาน้อย  
 ID NO. 1 1045 00028 916  
 PLACE OF BIRTH Thailand

DATE OF ADMISSION July 15, 2019  
 FACULTY OF Engineering  
 FIELD OF STUDY Civil Engineering  
 DEGREE CONFERRED B.Eng. (Civil Engineering)  
 DATE OF GRADUATION June 6, 2023

COURSE	COURSE
CODE      COURSE TITLE      GR   CR	CODE      COURSE TITLE      GR   CR
<u>First Semester 2019</u>	
01208111 Engineering Drawing      C+   3	01203212 Survey Camp      C+   1
01355111 Foundation English I      P   3	01203222 Structural Analysis I      F   (3)
01355112 Foundation English II      P   3	01203223 Mechanics of Materials II      W   3
01417167 Engineering Mathematics I      C   3	01203231 Concrete and Engineering Materials      W   3
01420111 General Physics I      C   3	01203251 Engineering Geology      C   3
01420113 Laboratory in Physics I      A   1	01204112 Information Technology for Engineers      C+   1
01999012 Health for Life      B   3	01385262 Northeastern Thai Folk Music      A   3
01999021 Thai Language for Communication      B+   3	sem. G.P.A. = 2.09      cum. G.P.A. = 2.46
01999111 Knowledge of the Land      A   2	
sem. G.P.A. = 2.83      cum. G.P.A. = 2.83	<u>Summer Session 2021</u>
<u>Second Semester 2019</u>	01388222 Buddhism and the Environment      B+   3
01175122 Soccer for Health      A   1	01417267 Engineering Mathematics III      D   3
01204111 Computers and Programming      B   3	sem. G.P.A. = 2.25
01355113 Foundation English III      C+   3	<u>First Semester 2021</u>
01387103 Philosophy of Sufficiency Economics and Buddhism      B+   3	01203222 Structural Analysis I      C+   3
01403114 Laboratory in Fundamentals of General Chemistry      B   1	01203223 Mechanics of Materials II      C+   3
01403117 Fundamentals of General Chemistry      C+   3	01203322 Civil Engineering Materials Testing Laboratory      C+   1
01417168 Engineering Mathematics II      C+   3	01203352 Soil Mechanics      D   3
01420112 General Physics II      C   3	01203353 Soil Mechanics Laboratory      D   1
01420114 Laboratory in Physics II      A   1	01203371 Transportation Engineering      C   3
sem. G.P.A. = 2.81      cum. G.P.A. = 2.82	01203381 Computer Applications in Civil Engineering      B   1
<u>First Semester 2020</u>	01209211 Fluid Mechanics      C+   3
01203211 Surveying      D+   3	01371111 Information Media for Learning      B+   1
01203221 Mechanics of Materials I      D   3	01387102 Philosophy for New Life      A   3
01208221 Engineering Mechanics I      D+   3	sem. G.P.A. = 2.43      cum. G.P.A. = 2.44
01213211 Materials Science for Engineers      D   3	<u>Second Semester 2021</u>
01387104 Philosophy and Religion in Asean Countries      A   3	01203323 Structural Analysis II      C+   3
01417267 Engineering Mathematics III      W   3	01203331 Reinforced Concrete Design      C   4
sem. G.P.A. = 1.80      cum. G.P.A. = 2.54	01203333 Design of Timber and Steel Structures      D   4
	01203354 Foundation Design      D+   3
	01203361 Construction Engineering & Management      D+   3
	01209312 Laboratory for Fluid Mechanics      D   1
	sem. G.P.A. = 1.64      cum. G.P.A. = 2.31

Explanation:  
 1. One credit hour is equal to 1 hour of lecture or recitation per week, or 2-3 hours of practice per week, during a regular semester.  
 2. Grading system: A : excellent = 4.0      S : satisfactory  
                           B+ : very good = 3.5      U : unsatisfactory  
                           B : good = 3.0      P : passed  
                           C+ : fairly good = 2.5      NP : not passed  
                           C : fair = 2.0      W : withdrawn  
                           D+ : poor = 1.5      I : incomplete  
                           D : very poor = 1.0      N : grade not reported  
                           F : fail = 0  
 3. Credit symbols: \* = not required in current curriculum or field of study  
                           ( ) = not accredited but required in current curriculum or field of study, and included in computation of Grade Point Average  
 4. A minimum cumulative Grade Point Average of 2.00 is required for receiving a Bachelor Degree.



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CR	CR
<u>First Semester 2022</u>	
01203399 Internship	A 1
01203431 Prestressed Concrete Design	C+ 3
01203434 Structural Steel Technology	B+ 3
01203471 Highway Engineering	C 3
01203495 Civil Engineering Project Preparation	A 1
01203497 Seminar	A 1
01209242 Hydrology for Civil Engineering	F (2)
01385361 Central Thai Folk Music	A 3
sem. G.P.A. = 2.82      cum. G.P.A. = 2.38	
<u>Second Semester 2022</u>	
01203224 Applied Mathematics for Civil Engineering	B 3
01203231 Concrete and Engineering Materials	B 3
01203422 Structural Damage and Rehabilitation	A 3
01203470 Freight Transportation Planning and Logistics	B 3
01203479 Computer applications in transport engineering	B+ 3
01203499 Civil Engineering Project	A 2
01209242 Hydrology for Civil Engineering	B+ 3
01209423 Hydraulic Engineering	B 3
sem. G.P.A. = 3.35      cum. G.P.A. = 2.53	
<u>Summer Session 2023</u>	
01355203 English Language Structure	C+ 3
01387105 Buddhist Ethics of Business Operations	B+ 3
sem. G.P.A. = 3.00      cum. G.P.A. = 2.54	
cum. CR. = 160	
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TRANSCRIPT CLOSED	

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A : excellent = 4.0	S : satisfactory
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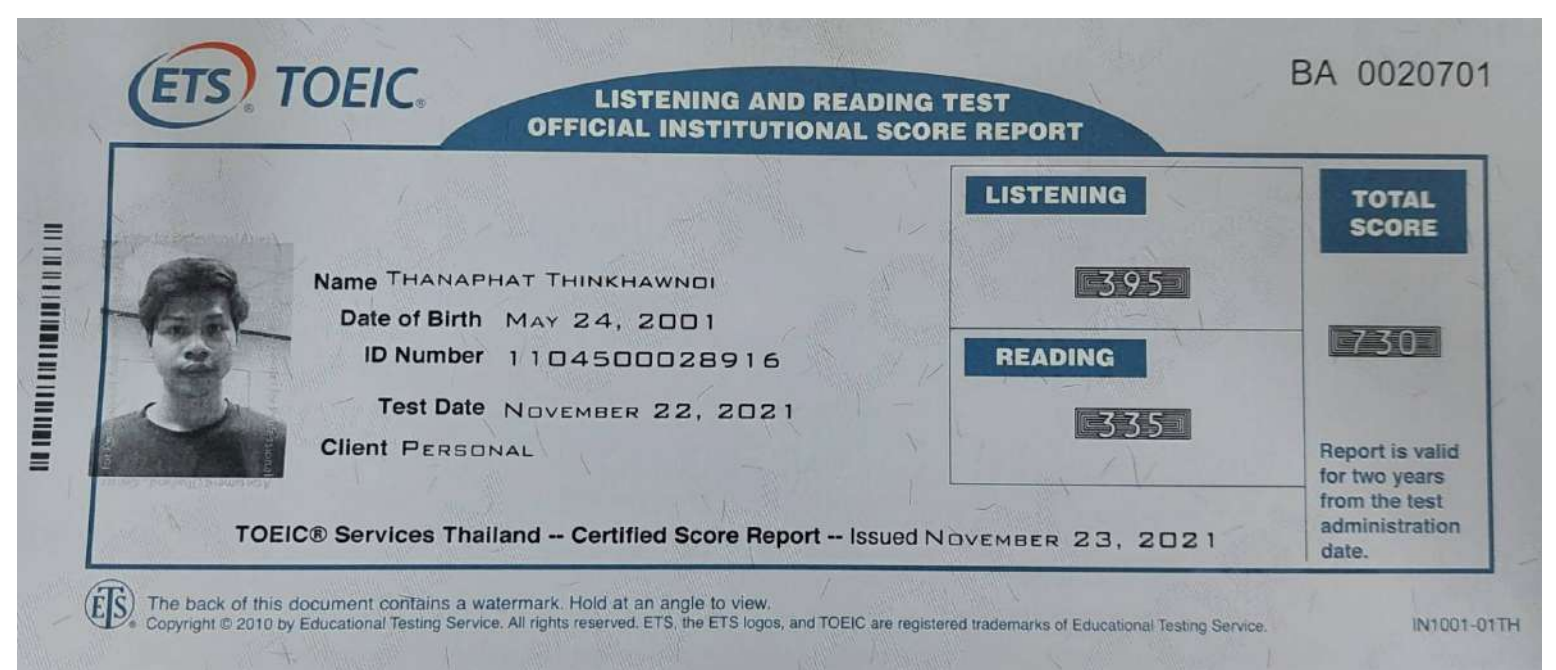
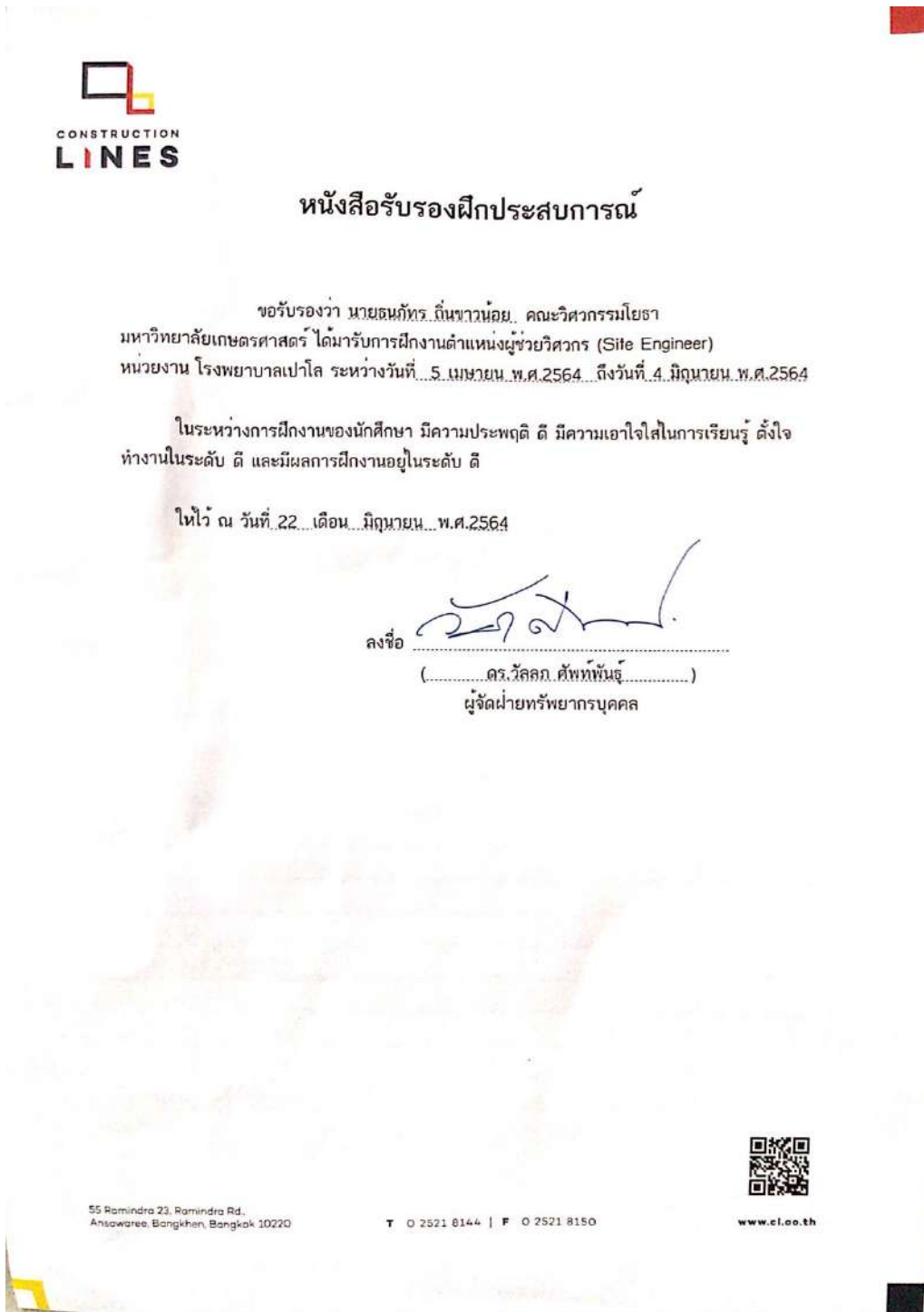


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# Reference







Ref.: TET-HR-L-2022-000219

To Whom It May Concern:

#### CERTIFICATION OF INTERNSHIP

Technip Energies (Thailand) Ltd. would like to certify that **Mr. Thanaphat Thinkhawnoi** as a student in Department of Civil Engineering, Faculty of Engineering at Kasetsart University.

He has been an intern in our **Civil Department** during the period from **18 April 2022 to 17 June 2022**.

We would like to thank you for your contribution to our company and wish you all the best for your future career.

Yours faithfully,

Technip Energies (Thailand) Ltd.

A handwritten signature in black ink, appearing to read 'Bj6', is written over a horizontal line.

Benjaporn Ovallamporn

Senior Manager, Human Resources and ADS

Technip Energies (Thailand) Ltd.  
20<sup>th</sup> Floor Sun Towers Building A – 123 Vibhavadee-Rangsit Rd. – Jomphon – Jatujak – Bangkok 10900 – Thailand – Tel. : +66 2 610 4100 – [technipenergies.com](http://technipenergies.com)

A company incorporated under the laws of Thailand  
with corporate seat in Bangkok, and registered with the Business Development Department, Ministry of Commerce under number 0105540056450  
Postal address: 20th Floor Sun Towers Building A – 123 Vibhavadee-Rangsit Rd. – Jomphon – Jatujak – Bangkok 10900