

# Setsawat Chuaisrinual

## CIVIL ENGINEER

Phone 099-115-8780

Email maysetsawat@gmail.com

Graduated of KMITL-accredited master's degree in civil engineering. Licensed as an associate Civil Engineer. Backed by successful experience and knowledge of engineering theories, principles, and standards. Seeking for Design Structural work to gain experience and further knowledge in design engineering career.

### Experience

Sep. 2021 – Present

#### **Design & BOM engineer**

*Best PAC Concrete*

- Design pre-stress concrete product (Plie, Spun plie, Girder, Jacking pipe, Box culvert etc.)
- List bill of material and discuss details from clients to production.
- Supervise testing products as the standards and client requirements (PEA, TIS etc.)
- Trained new employees to read product standard and drawing.
- Design and supervise the construction of factory development projects

Jun. 2020 – Aug. 2021

#### **Civil Engineer, QC Civil inspector**

*SAS Tech solution, Project PTTLNG ASU-OSBL*

- Supervise and Inspect construction, structure works. (Piling, Foundation, Concrete work, Structure fabrication, Piping fabrication)
- Supervise NDE and Pressure test to collect reports according to ITP for MC books.

2017, June - July

#### **Internship**

*Department of Highways, Underpass tunnel, Chalong, Phuket*

- Survey to determine the coordinates for construction work.
- Supervise Piling, Retaining wall, Paving road work and inspect concrete, soil property tests

### Skills

- Software : SAP2000, AutoCAD, Microsoft office.
- English skill – TOEIC 670 score.

### Education

2018 - 2020

#### **Master' degree of Civil Engineering (GPA 3.75, 4 plus 1 program)**

*King Mongkut's Institute of Technology Ladkrabang*

- Thesis
- 1<sup>st</sup> A scholarship thesis from Talent Mobility - Development of Effective Lightweight Material for Construction Building.
  - 2<sup>nd</sup> A Study of Recycle Cellular Lightweight Concrete as Coarse Aggregates in Concrete Bricks.(Published by ICEAST 2019, Lao).
  - 3<sup>rd</sup> Development of Precast Concrete from Cellular Lightweight Concrete
  - 4<sup>th</sup> A Study on The Factor of Concrete – Foam Mixing Time Affecting Properties of the Cellular Lightweight Concrete  
(Both Published by the 24<sup>th</sup> National Convention on Civil Engineering 2019, Udonthani, Thailand)
  - Participated in 10<sup>th</sup> Lightweight Concrete Competition  
at Rajamangala University of Technology Rattanakosin Wangkraikangwon Campus.

2014 - 2018

#### **Bachelor of Civil Engineering (GPA 3.44, 2nd honors)**

*King Mongkut's Institute of Technology Ladkrabang*

- Project - The study property of lightweight concrete mixture of recycled glass powder after conflagration.
- Participated in Asia Bricom 2017 at National Central University (NCU), Taiwan.
- Participated in Thai OBAYASHI – SMEICC – HIDA Summer Program 2017.
- A teacher in Pre-Civil camp (taught mathematics, physics, and structure).

2011 - 2014

#### **High school (GPA 3.41)**

*Princess Chulabhorn Science High Schools, Pathum Thani*

- Mahidol Wittayanusorn School Program Science Scholarship