

Thanaporn Wattanamanon

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Objective

To apply the process engineer position in order to utilize my skills which express my performance for serving the company.

Personality

- **Date of birth:** July 1st, 1991
- **Age:** 28
- **Sex:** Female
- **Nationality:** Thai
- **Marital status:** Single

Educations

- **(2014 – 2017) Master of Engineering degree**
Major: Chemical Engineering
Program: Chemical Engineering Practice School (ChEPS)
University: King Mongkut's University of Technology Thonburi (KMUTT) Bangkok
GPA: 3.43
- **(2010 – 2013) Bachelor of Engineering degree**
Major: Petrochemical and polymeric material Engineering
University: Silpakorn University, Nakhornphatom
GPA: 3.04

Experience

- **UBE Chemical (Asia) Public Co., Ltd. Process Engineer (Oct 2016 – Present)** (CPL Production Technology)
 1. Take care on the ammonium sulfate, waste water and utility plant.
 2. Provide the solution for long term improvement to the production team.
 3. Have experience on project feasibility, technical study and technical review on project improvement and the construction project.
 4. Have experience on co-working with the contractor for construction the new plant.
 5. Experience in the large scale project
 - ❖ Hydro-turbine of cooling tower project (Cost saving project)
 - ❖ The new plant of crystallization (Cost saving project and waste management)
 - ❖ The air system improvement (IA/PA system: Reliability project)
 - ❖ Oil separation system project (Avoidable lost and environmental improvement)

Training experience and project

- Energy Efficiency Improvement and Optimization for Process industrial ChemEngEdu (2019)
- Pass the test for water pollution treatment system supervisor by the Department of industrial works, Ministry of industry (2019).
- Waste water treatment training by The Federation of Thai Industrial (2018)
- Spray drying training by ChemEngEdu (2018)
- Pump and compressor design by ChemEngEdu (2018)
- Hydraulic analysis training by ChemEngEdu (2018)
- Principles of process design and basic engineering by ChemEngEdu (2018)
- CFD simulation training (2017)
- Heat exchanger training by ChemEngEdu (2017)
- Adsorption technology project (2015)
- Simulation and optimization of distillation column design problems (2014)
- Polymer compounding project (2013)
- Material building project (2008)
- Mechanical workshop training (2010)

Skills

- **Chemical Engineering Programs**
 - **Microsoft Office:** Excellent
 - **ASPEN PLUS:** Good
 - **Matlab:** Good
 - **LINDO:** Good
 - **Fluid flow:** Medium
- **Equipment design**
 - Separator Design
 - Pump & Blower Design
 - Ventilation System Design
 - Air (IA/PA) system Design
- **Process improvement and optimization**
 - Chemical dosing on the product system
 - Air pollution treatment system
 - Water pollution treatment system
 - Dewatering system
 - Adsorption system
 - Technical study on sprinkler design
- **Polymer molding process**
 - Twin screw extruder
 - Injection molding machine
- **TOEIC Score: 690**
 - **Reading / Listening :** 350 / 340

Qualifications

- Ambition and commitment at work
- Good time management skill
- High responsibility and punctuality
- Working under high pressure
- Listening to the opinions of other people and sharing opinions with other people.
- Fast learning and self-learning
- Good relationship, friendly, humble, flexible and helpful