

Pichawadee Pollakul

Date of Birth: 5 October 1996

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EDUCATION

Bachelor of Engineering, Kasetsart University

2015 – 2018

(Majoring in chemical engineering)

GPA 2.56/4.00

Horwang School

2009 – 2014

(Major Subject: Science-Math)

GPA 3.40/4.00

WORK EXPERIENCES

SCG Chemical Co., Ltd. (Mapthaput, Rayong)

June – August 2018

Chemical Engineering Trainee in Hot Section, Olefin Production Unit

- Assisted the production engineer team in developing and designing the furnaces fault monitoring program to prevent any unexpected problems possibly arising from the operation of furnaces as well as to reduce engineers' workloads
- Actively participated in a regular meeting between the engineers in the Olefin Production Unit
- Thoroughly studied the whole working process of the factory and also the production of olefin (hot section)
- Joined a field trip held by SCG Chemical regarding the production of olefin
- Joined a safety training session arranged by SCG Chemical for the engineers working in a factory
- Participated in several presentation sessions of the project worked by and between the engineers from SCG Chemical and the relevant field operators and panel operators
- Participated in the CSR project originated by SCG Chemical to create fish houses, which would be the future habitats of sea-water fishes

SENIOR PROJECT

'Estimation of Mass Transfer Coefficient for Dimethyl Ether Synthesis in Bubbling Fluidized Bed'

- Estimated new mass transfer coefficient derived from the experimental data and the mathematical model for enhancing the efficiency of mass exchange occurring between the bubble phase and the emulsion phase in a fluidized bed reactor
- The economic purpose of the Estimation is to scale up fluidized bed reactors resulting in an increase in production capacity of industrial factories

SKILLS

Language: Thai (Native), English (*TOEIC: 750*)

Computer: Touch typing Thai and English. Knowledge of Microsoft Office Suite, Matlab, Minitab, and Aspen Plus

EXTRACURRICULAR ACTIVITIES

- *Kajee Camp Staff*
 - Educated and guided high school students interested in studying chemical engineering at Kasetsart University
- *Staff of Engineering Freshmen Welcoming Ceremony*
- *Member of Cheerleading Club at Horwang School*

INTEREST AND HOBBY

English, Japanese, politics, and movies