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| SIRICHAI SAKKOSIT | | | | |
| EXPERIENCE | | | | |
| April 2 – June 1, 2007 | Thai Lube Base Public Company Limited | | | Chonburi, Thailand |
| Training in TLB factory consists of three parts. Firstly, trainee observed factory such as manufacturing process, control operation room, laboratory room, and safety system. Secondly, all trainees in Thaioil Group organized the project for community around factory. Finally, in laboratory room, asphalt from plant were analyzed in its properties such as penetration, viscosity, etc. | | | | |
| EDUCATION | | | | |
| May 25, 2010 – May 20, 2013 | | Chulalongkorn University | | Bangkok, Thailand |
| Master of Science | | Field of Study: Chemical Technology | | GPA: 3.26 |
| Thesis Topic: Degradation of Poly(methyl methacrylate) over Zeolites in a Batch Reactor | | | | |
| Degradation of PMMA at 300 oC under nitrogen gas was investigated in batch reactor. Zeolites which analyzed properties by TPD, XRD, and TGA were used in this experiment. Products from degraded PMMA were divided into 3 fractions. Gaseous products analyzed with GC consist of CO, CO2, and methane. Light fractions have MMA as a major component. Heavy fractions contain products having carbon more than 9 atoms. | | | | |
| June 1, 2005 – October 19, 2009 | | Chulalongkorn University | | Bangkok, Thailand |
| Bachelor of Science | | Field of Study: Chemical Technology | | GPA: 2.31 |
| Project Topic: Recovery Oil Spill by Elastomer Coating on Drum Surface | | | | |
| Contact angle was used to define how the oil spill contacting with surface of polymer plate. Plastics are a rigid and can be swelled in the oil (benzene, diesel, gasohol using to represent oil spill). Contact angle have lower than 90o. Elastomers were used to develop resistant oil. It is easy to form object as drum cylinder. However, it have contact angle higher than 90o. Thus, both were combined at various ratios to establish the efficiencies in recovering oil spill. | | | | |
| OTHER SKILLS | | | | |
| HYSIS  MATLAB | | ChemOffice6.0  OriginPro8.5 | | Microsoft Office |
| LABORATORY INSTRUMENT | | | | |
| GC/GC-MS  AutoChem - Chemisorption Analyzer | | | Thermogravimetry Analyzer | |
| TOEIC | | | | |
| Listening: 265  Reading: 265 | | | Total Score: 530  Test Date: April 26, 2014 | |