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Educations

- 2019 – Present : Studying Master of Science in Finance (MSF)
Faculty of Banking and Finance Chulalongkorn University
- 2012-2016 : Bachelor of Chemical Engineering(Second Class Honour),
Faculty of Engineering Chulalongkorn University **GPA : 3.30**
- 2009-2012 : Satit Piboonbumpen Burapha University

TOEIC Score : 665

Skill : Aspen Plus , PRO II , AutoCAD, Microsoft office

Training

- CISA
- Safety Officer Supervisor Level
- Internal Auditor Process Safety Management (PSM)

Work Experience

1) Company : Vinythai Co.,Ltd. at Mathaput

Company description : Vinythai Public Company Limited was established to carry on the production and distribution of PVC and Caustic Soda. The Company is a producer in the intermediate petrochemical industry and distributes its products to manufacturers who reprocess PVC into finished products in the plastic industry.

Duration : 1/1/2018 – Present

Position : Process engineer

Responsibilities :

Ensure compliance with HSE regulation, quality standards and company policies

- Ensure compliance with HSE policies and regulations, work procedures
- Participate in quality initiatives
- Manage project teams in the domain of quality assurance

Manage the production process

- Follow up the technological developments within own domain of expertise
- Propose the most optimal production conditions, taking into account cost and quality
- Assist the manager at critical moments in order to realize the production plans, and ensure trouble shooting when necessary
- Supervise maintenance assignment requiring specific study and analysis
- Resolve specific problems occurring during maintenance work
- Benchmark for best practice and competitive examples in other production units, and evaluate their applicability in the own unit.

Ensure manufacturing excellence, continuous improvement and innovation

- Contribute to the Manufacturing Excellence and Innovation programs
- Follow up production performance and propose initiatives to improve competitiveness
- Perform project in the domain of process improvement and/or development

Manage internal and external interaction and collaboration

- Act as a liaison regarding technological matters towards other department, supplier and customers

Manage the own department and staff

- Assist the development of annual operation and capital investment budgets
- Inform colleagues about and/or train them in new methods, procedures and techniques
- Support and advise staff in the resolution of complex problems

Issue incident/trouble report

- Collect operation data and condition when incident/trouble happened
- Analyze root cause and summarize from the view point of equipment/management/human
- Make countermeasure and action plan, define dead line and person in charge
- Issue brief and compact report with attachment of reference data, root cause analysis
- Complete report as valuable property of company. (HSE, technical training material)

2) Company : Seaoil Petrochemical Co.,Ltd. at Chonburi Province

Company description : Seaoil Petrochemical Co.,Ltd. is in business of solvents and chemicals that are produced from residue crude oil (condensate) by distillation.

Duration : 1/09/2016 – 15/10/2017

Position : Engineer and Planner

Responsibilities :

Construction Phase

- Support former demolition plant including Hydrocarbon free
- Review all equipment list for all trade and drawing (PFD, P&ID)
- Assist in preparation and implementation of Project Execution Plan (PEP) or Master Plan
- Attends the weekly progress meeting (internal as well as client) and prepare Minutes Of Meeting
- Monitors work in progress and provide master plan
- Coordinate with all contractors for all activities in plant
- Witness field fabrication and support erection of pipework and equipments
- Participate in Hydrostatic test pipping and equipment
- Perform process simulation and provide production yield with specification to sale department
- Manage and provide all concerned lab such as lab equipments, procedures follow up ASTM and training new lab officer

Commissioning Phase

- Participate in pre-commissioning and commissioning all field activities
- Punch list Coordinator
- Ensuring that all equipments work to its specification

Start Up Phase

- Be a member team of Pre Start Up Safety Review (PSSR)
- Participate checking the plant prior to start up for conformance to specifications, drawing and design
- Determining operating conditions to achieve the operating objectives and setting alarm conditions
- Solving Troubleshooting operation problems and fire turning

Steady state operation

- Optimizing plant performance based on conditions and limitations
- Troubleshooting and problem solving plant issues

- Prepare performance report
- Coordinate with contractor and subcontractor
- Design wastewater treatment
- Prepare utility consumption and support all utility activities in plant
- Prepare and analyses inventory daily with production planning to coordinate with sale department to distribute products

3) Company : Wendy's restaurant , KFC and The Hampton Inn Hotel (Work & Travel Program at North Carolina, USA)

Duration : 15/03/2014 - 2/07/2014

Position : Crew member & Housekeeper

Scope of Duties :

- Taking food orders, preparing food orders, taking and delivering change to drive through customers, as well as delivering the order to the customers
- Changing the bed-sheets and replenish supplies in dorms, tidy the guest rooms, bathrooms and common spaces
- Cleaning guest rooms, change linens, dust, clean toilet, tub/shower, sinks and mirror

Internship Program

Company : SCG Chemicals (SCG Excellent Internship Program)

Duration : 2/06/2015 - 4/08/2015

Position : Research & Development

Scope of Duties :

- Studying the effects of relative volatility on energy consumption in Extractive Distillation Column
- Proposing the optimum relative volatility in Benzene Toluene Unit

Senior Project

Project name : Carotenoids production in micro algal *chlorococcum* in bubble column photobioreactor

Project Advisor : Asst.Prof.Dr. Kasidit Nootong

Scope of Project :

- Design and Studying Carotenoids production in each air velocities
- Studying the effects of shear rate on micro algal *chlorococcum*

Go green in the city (Scheider Electric's competition)

Project name : Sodium Hypochlorite production on Portable electrolysis (Best Top Ten Thailand's Country final)

Scope of Project :

- Design innovative device to help people who live in remote area or drought area have cleaning drinking water
- Calculation direct and indirect Costs, Green impact, People impact

Honors and Activities

2016 - Investment Consultant Professional Program (IC)

- Head of business plan for social enterprise in New Investors Program for Society (NIP-S 26) : Red team
- Head of sports & Head of red team in CU Chemical engineering day : Red team is the 1st winner
- Head of CU Quote : Three separate seductive Episode
- Vice president of EQ club : CU Smile day , EMO Camp

2015 - Representative of Chulalongkorn University to visit Vietnam in AEC program

- Representative of chemical Engineering Faculty in table tennis Bonding game
- 2013** - Staff of the 8TH Asia-Oceania Top University on Engineering Meetings and Conference
- Staff of 11th Visanu Kummabutra Camp for Engineering Freshman, Faculty of Engineering at Chulalongkorn University.
- Staff of CU First date
- Summer Course at Brisbane , Australia
- Representative of Engineering Faculty in table tennis freshy competition