

Mr. UMNOUI PETPRAPAI

(นาย อำนวย เพชรประไพ)

Date of birth : 06th July 1980

99/48, moo 2, Plutaluang, Sattaheep, Cholburi 20180, Thailand

0922635647 and 0867814901(Mobile)

056718191(Home)



WORK EXPERIENCE

Oct 2016 – Present

Impress Ethanol Co., Ltd., Chachoengsao, Thailand

Position: Lab. Technician Supervisor

Responsibilities:

1. Made the Work Manual/work instruction for laboratory and train/inform Lab personnel.
2. Desire the sampling/analysis procedure for in-process material such as Cassava chips, Cassava mill, Cassava slurry, Fermented slurry, distilled Ethanol, water/waste water.
3. Collaboration with the operation team for monitoring and optimization of ethanol production process.
4. Collaboration with the safety health and environment team for monitoring and control the hazardous material and pollution
5. Construction for ISO 9001, 14000, 18000.

Nov. 2013 – Aug. 2016

NCA Labs Co., Ltd., Bangkok, Thailand

Position: LC, GC-MS Data Review Analyst

Responsibilities: Applying the requirements of established analytical and quality protocols while performing data processing and review of GC/MS data that generated by laboratories within the Test America network(USA).

Jan 2011 - Present

BT Lab Instrument And Supply Co., Ltd.,

Rayong, Thailand

Position: Technician specialist (Freelance)

Responsibilities: Support the requirement, analytical and problem solving for customers.

Dec 2004 - May 2009

Chemical Instrumental Analysis Centre, Pathumthani, Thailand

Position: Scientist

Responsibilities: Apply chemical analysis technique with chemical instruments including AAS, ICP-MS, DSC, TGA, GC and HPLC for design the procedure and determination of chemical target by requirement of customers, support for research and training.

Jul 2004 - Nov 2004

The Center for Research and Development Material, Pathumthani, Thailand

Position: Researcher Assistance

Responsibilities: Research, Analysis and development chemical and physical properties of industrial Waxes and re-compound it.

Reference

Galayaphas Petchprapai

Administrator III, Tubular running service Sattahip base.

Baker Hughes Operations(Thailand) Limited,

(+66) 819823192

My primary skills reside within the fields of analytical chemistry and applied science, by gained experience with many types of analytical instruments including Heavy metal (AAS, ICP-MS, IC), Polymer (DSC, TGA, SEM), Organic compounds/pesticides and VOCs (UV-Vis., GC, HPLC).

I have demonstrated an aptitude to learn and develop knowledge in many fields of work and love to work in the outdoor field side.

EDUCATION

Master's Degree in Science, Major Analytical Chemistry, Mahidol University, Thailand

Thesis : Development of micro fluidic device(tools) for chemical analysis for arsenic(toxic element) and other element in environment.

Skill : FIAs, Electroplating, Photolithography

Bachelor's Degree in Science, Major Chemistry,

Rajamangala University Of Technology

Thanyaburi, Thailand

Project : Chemical structure modification of organic soluble chitosan.

Skill : DSC, TGA, FT-IR

Training

1. Hazardous material storage, Technology

Promotion Association (Thailand-Japan), March 2017

Storage system for hazardous chemical.

2. Safety officer at Supervisor level training course, Pin Thong Group, March 2017.

Realizable of supervisor in Safety.

3. Photolithography and electroplating for Micromolds for Lab-on-a-Chip., Synchrotron light research institute(Public Organization), April, 2012

User of Beam line 6a :Deep X-ray Lithography (DXL) and electroplating.

4. UV-Vis technique, Chemical Research Institute, September 2005

UV-Vis technique for Qualitative and Quantitative analysis in environment and industrial samples.

5. Chromatography technique, Chemical Research Institute, September 2005

Chromatography technique(GC, GC-MS, HPLC, IC) for Qualitative and Quantitative analysis.

6. Sample Preparation, Chemical Research Institute, September 2005

Sample Preparation technique for Qualitative and Quantitative analysis