

CURRICULUM VITAE

Name-Surname Mr. Kitipong TANGPHANT

Date of Birth 21 February 1980

Educational Record

High School High School Graduate Math-Science Program,
Taweethapisek School, 1998

Bachelor Degree Bachelor of Engineering (Production Engineering)
King Mongkut's University of Technology Thonburi,
2002

Master Degree Master of Engineering
(Manufacturing Systems Engineering)
King Mongkut's University of Technology Thonburi,
2005

Doctoral Degree Doctor of Philosophy (Energy Technology)
King Mongkut's University of Technology Thonburi,
2013

Scholarships

- 1) The Energy Policy and Planning Office, under the contract no.EE7/52
- 2) The Higher Education Research Promotion and National Research University Project of Thailand, Office of the Higher Education Commission (NRU)
- 3) Graduate Scholarship, Ministry of University Affairs

Experience

- 1) Senior Engineer
Zeroloss Co., Ltd., 2012-Present
- 2) Guest Lecturer
Production and Mechatronics Engineering,
King Mongkut's University of Technology Thonburi,
2002-2006, 2007-2013

3) Engineer

LPN Plate Mill Public Co., Ltd., 2005-2006

International Publication

1) TANGPHANT, K., SUDAPRASERT, K. and CHANNARONG, S. , 2014, "Mathematical Modeling of Electrical Conductivity in Electrolyte Solution between Two Gas-Evolving Electrodes", **Russian Journal of Electrochemistry**, Vol. 50, No. 3.

National Publication

1) TANGPHANT, K., PHUPHA, C, SUDAPRASERT, K. and CHANNARONG, S., "Improving the gas productivity of the alkaline electrolyzer through the circulation technique", **KKU Engineering Journal**, Vol. 41, No.1 January - March 2014.

International Conferences

1) TANGPHANT, K., SUDAPRASERT, K. and CHANNARONG, S., "Mathematical model of Ionic Resistance between Electrodes in an Alkaline Electrolyzer", **The 3rd Technology and Innovation for Sustainable Development International Conference (TISD2010)**, 4-6 March 2010, Royal Meknong NongKhai Hotel, NongKhai, Thailand.

2) TANGPHANT, K., SUDAPRASERT, K. and CHANNARONG, S., "A correlation study of parameters affecting hydrogen production through electrolysis process", **The 6th Naresuan Research International Conference**, 29-31 July 2010, Naresuan University, Phitsanulok, Thailand.

National Conferences

1) CHANNARONG, S., PROMMUL, K. and TANGPHANT, K., "Development Four-axis Foam Cutting Machine with Hotwire", **IE Network 2007**, 24-26 October 2007, Royal Phuket City Hotel, Phuket, Thailand.

2) CHANNARONG, S. and TANGPHANT, K., "The Study on Parameters of Hotwire Cutting for EPS Foam", **IE Network 2007**, 24-26 October 2007, Royal Phuket City Hotel, Phuket, Thailand.

3) TANGPHANT, K., MANOWAT, N., PRAMOTEPHAN, N., YOUJPROM, P., SOMJIT, S., CHANNARONG, S. and SUDAPRASERT, K., "A study of fuel consumption rate of internal combustion engine: Case study of gasoline with hydrogen and oxygen fuel from electrolyzer" **The 6th Naresuan Research Conference**, 29-31 July 2010, Naresuan University, Phitsanulok, Thailand.

4) PRASERTSAWAT, S., TANGPHANT, K., CHANNARONG, S. and SUDAPRASERT, K., "The study and design of lighting for energy saving in Chrysanthemum greenhouse", **2nd Sustainable Industrial Innovation and Management 2013**, 29-30 October 2013, Bangkok International Trade & Exhibition Centre, Bangkok, Thailand.

5) SOONTRARATPONG, T., TANGPHANT, K., CHANNARONG, S. and SUDAPRASERT, K., "The study of electrical generating system by thermoelectric module using waste heat", **2nd Sustainable Industrial Innovation and Management 2013**, 29-30 October 2013, Bangkok International Trade & Exhibition Centre, Bangkok, Thailand.

6) KHUMNGERA, R., TANGPHANT, K., CHANNARONG, S. and SUDAPRASERT, K., "Design development and installation of light emitting diode bulbs in an industrial plant", **2nd Sustainable Industrial Innovation and Management 2013**, 29-30 October 2013, Bangkok International Trade & Exhibition Centre, Bangkok, Thailand.