CHARACTERIZATION OF CARBONACEOUS AEROSOLS FROM TROPICAL DECIDUOUS FOREST FIRES IN RATCHABURI PROVINCE, THAILAND

MS. UBONWAN CHAIYO ID: 51920105

A THESIS SUBMITTED AS A PART OF THE REQUIREMENTS FOR THE DEGREE OF DOCTOR OF PHILOSOPHY IN ENVIRONMENTAL TECHNOLOGY

THE JOINT GRADUATE SCHOOL OF ENERGY AND ENVIRONMENT AT KING MONGKUT'S UNIVERSITY OF TECHNOLOGY THONBURI

2ND SEMESTER 2012

COPYRIGHT OF THE JOINT GRADUATE SCHOOL OF ENERGY AND ENVIRONMENT

Characterization of Carbonaceous Aerosols from Tropical Deciduous Forest Fires in Ratchaburi Province, Thailand

Ms. Ubonwan Chaiyo ID: 51920105

A Thesis Submitted as a Part of the Requirements for the Degree of Doctor of Philosophy in Environmental Technology

The Joint Graduate School of Energy and Environment at King Mongkut's University of Technology Thonburi

2nd Semester 2012

Thesis Committee	
Sairtri Garwair	
(Assoc. Prof. Dr. Savitri Garivait)	Advisor
S. Patumsawal	
(Asst. Prof. Dr. Suthum Patumsawad)	Member
Ang.	
(Dr. Prapat Pongkiatkul)	Member
Kolsale Wanthoughar	
(Asst. Prof. Dr. Kobsak Wanthongchai)	Member
John	
(Prof. Dr. Bernard Porterie)	External Examiner

Thesis Title: Characterization of Carbonaceous Aerosols from Tropical Deciduous Forest Fires in Ratchaburi Province, Thailand

Student's name, organization and telephone/fax numbers/email

Ms. Ubonwan Chaiyo

The Joint Graduate School of Energy and Environment (JGSEE)

King Mongkut's University of Technology Thonburi (KMUTT)

126 Pracha Uthit Rd., Bangmod, Tungkru, Bangkok 10140 Thailand

Telephone: 02-8729014-5 ext. 4138

Email: uchaiyo@hotmail.com

Supervisor's name, organization and telephone/fax numbers/email

Assoc. Prof. Dr. Savitri Garivait

The Joint Graduate School of Energy and Environment (JGSEE)

King Mongkut's University of Technology Thonburi (KMUTT)

126 Pracha Uthit Rd., Bangmod, Tungkru, Bangkok 10140 Thailand

Telephone: 02-8729805 or 02-8729014-5 ext. 4134

Email: savitri g@jgsee.kmutt.ac.th