



THESIS APPROVAL
GRADUATE SCHOOL, KASETSART UNIVERSITY

Master of Engineering (Chemical Engineering)

DEGREE

Chemical Engineering

FIELD

Chemical Engineering

DEPARTMENT

TITLE: Simulation of Hydrodynamics in a Downflow Fluidized Bed Reactor

NAME: Mr. Archwit Aimdilokwong

THIS THESIS HAS BEEN ACCEPTED BY

Lim Limtrakul

THESIS ADVISOR

(Associate Professor Sunun Limtrakul, D.Sc.)

Terdthai Vatanatham

COMMITTEE MEMBER

(Assistant Professor Terdthai Vatanatham, Ph.D.)

Varangrat Juntasaro

COMMITTEE MEMBER

(Associate Professor Varangrat Juntasaro, Ph.D.)

Thumrongrut Mungcharoen

DEPARTMENT HEAD

(Assistant Professor Thumrongrut Mungcharoen, Ph.D.)

APPROVED BY THE GRADUATE SCHOOL ON 26/9/2006

Vinai Artkongharn

DEAN

(Associate Professor Vinai Artkongharn, M.A.)