



**THESIS APPROVAL**  
**GRADUATE SCHOOL, KASETSART UNIVERSITY**

Master of Science (Chemistry)

DEGREE

Chemistry

FIELD

Chemistry

DEPARTMENT

TITLE: Oxidative Coupling of Methane to C<sub>2</sub>-hydrocarbon on Na<sub>2</sub>WO<sub>4</sub>-Mn/SiO<sub>2</sub>,  
RHA, or Mullite Supports

NAME: Mr. Narathorn Sukwises

THIS THESIS HAS BEEN ACCEPTED BY

THESIS ADVISOR

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APPROVED BY THE GRADUATE SCHOOL ON 4 June 2007

DEAN

( Associate Professor Vinai Artkongharn, M.A. )