



**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

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**THIS THESIS HAS BEEN ACCEPTED BY**

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\_\_\_\_\_ **DEAN**

( Associate Professor Vinai Artkongharn, M.A. )