

**CHARACTERIZATION AND PHYSICAL PROPERTIES
OF ANCIENT POTTERY FROM BAN BO SUAK
IN NAN PROVINCE**

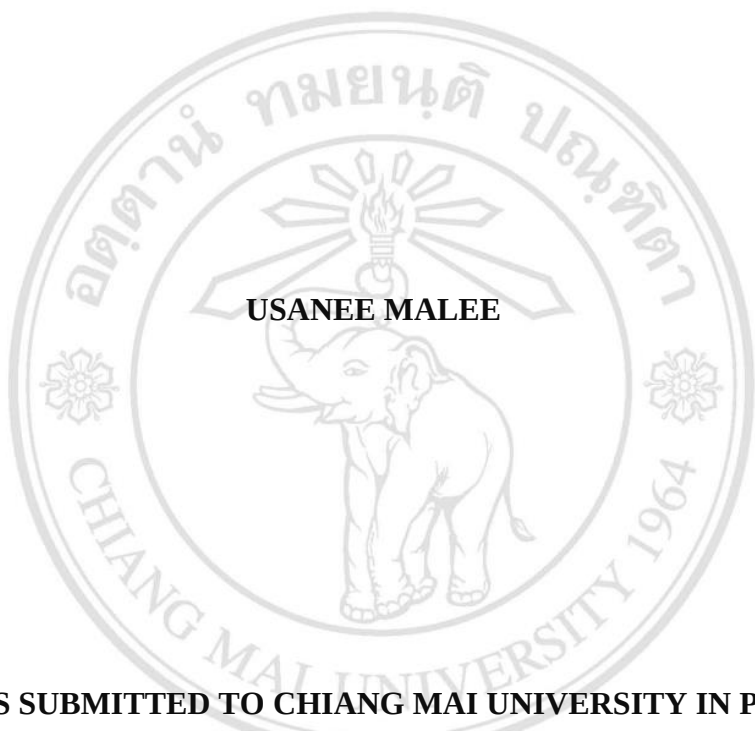
USANEE MALEE

**DOCTOR OF PHILOSOPHY
IN MATERIALS SCIENCE**

ลิขสิทธิ์มหาวิทยาลัยเชียงใหม่
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**GRADUATE SCHOOL
CHIANG MAI UNIVERSITY
DECEMBER 2015**

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The seal of Chiang Mai University is a circular emblem. It features a central figure of an elephant standing and facing left. Above the elephant is a five-pointed star with a flame-like center. The Thai text "มหาวิทยาลัย เชียงใหม่" (Mahavithayalai Chiang Mai) is written in a circular path around the top. The English text "CHIANG MAI UNIVERSITY 1964" is written around the bottom. Two decorative floral motifs are positioned on the left and right sides of the seal.

USANEE MALEE

**A THESIS SUBMITTED TO CHIANG MAI UNIVERSITY IN PARTIAL
FULFILLMENT OF THE REQUIREMENTS FOR THE DEGREE OF
DOCTOR OF PHILOSOPHY
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THIS THESIS HAS BEEN APPROVED TO BE A PARTIAL FULFILLMENT OF
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IN MATERIALS SCIENCE

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14 December 2015

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Usanee Malee