

**CHARACTERIZATION OF TUNGSTEN CARBIDE-METAL COMPOSITE
COATINGS FABRICATED BY CORED WIRE ARC SPRAYING**

MAN TUIPRAE

**DOCTOR OF PHILOSOPHY
IN MATERIALS SCIENCE**

**THE GRADUATE SCHOOL
CHIANG MAI UNIVERSITY**

MAY 2013

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**A THESIS SUBMITTED TO THE GRADUATE SCHOOL IN
PARTIAL FULFILLMENT OF THE REQUIREMENTS
FOR THE DEGREE OF
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THIS THESIS HAS BEEN APPROVED
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3 May 2013

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Man Tuipare