

CARLETON UNIVERSITY
Department of Mechanical and Aerospace Engineering
PhD Comprehensive Exam and Thesis Proposal Defense

CANDIDATE: Samia Essa

DATE: Wednesday February 21, 2018, 10:00 a.m. Room 3124, Mackenzie Building

THESIS TITLE: **Experimental and Modeling Studies of High-Temperature Failure Behavior of Thermal Barrier Coatings**

EXAMINATION BOARD:

Member of Department J. Laliberte, Dept. of Mechanical & Aerospace Engineering

Member of Department A. Kabir, Dept. of Mechanical & Aerospace Engineering

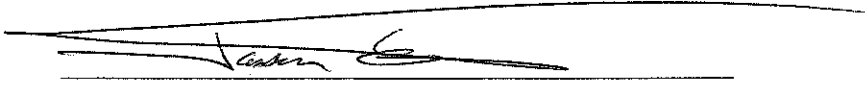
Co-Supervisor

Thesis Supervisor R. Liu, Dept. of Mechanical & Aerospace Engineering

Chair of Department R. Miller, Chair, Dept. of Mechanical & Aerospace Engineering (*Ex-officio*)

Dean of Faculty F. Afagh, Dean, Faculty of Engineering (*Ex-officio*)

Dean, Faculty of Graduate & Postdoctoral Affairs M. Neufang, Dean, Faculty of Graduate Studies and Research (*Ex-officio*)



Jason Etele Associate Chair, Graduate
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