

CARLETON UNIVERSITY

Department of Mechanical and Aerospace Engineering

MASTER'S THESIS EXAMINATION

CANDIDATE: *Connor McEwen*
Bachelor of Engineering, McMaster University, 2024

DATE: *Wednesday November 04, 2026, 14:40 3324 Mackenzie Building*

THESIS TITLE: *Study of the Fatigue Behavior and Microstructure of Ti-6Al-4V Produced with Plasma Arc Wire-fed Direct Energy Deposition for Gas Turbine Compressor Blade Repair Applications*

EXAMINATION BOARD:

Internal Examiner	David Lau, Civil & Environmental Engineering	(In Person)
Member of Department	Henry Saari, Mechanical & Aerospace Engineering	(In Person)
Thesis Supervisor	Xiao Huang, Mechanical & Aerospace Engineering	(In Person)
Thesis Co-Supervisor	Scott Yandt, Natinal Research Council	(In Person)
Chair of Defence	Hamza Abo El Ella, Mechanical & Aerospace Engineering	(In Person)
Chair/Director of Department or Designate	Edgar Matida	(Ex-officio)
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