GRAND VALLEY STATE UNIVERSITY
School of Engineering
Master's Thesis/Project Committee

1. Student Name: Glenn Clapp G#: 00293609
2. Course #: 695-02 Semester/Year: Fall 2018 Credit: 2

Title: Automotive Application of an Organic Rankine Cycle for Power Generation Recovering Waste Heat.

Research Objectives and expected outcomes:
Objectives:

- Design an organic Rankine cycle to recover heat from an automotive cooling system
- Develop a mathematical model of the system
- Build and evaluate the system

Expected results:

- Organic Rankine cycle prototype
- A working system simulation
- Verification of the mathematical model through prototype measurement

Committee:

	Name	Designation/ Organization	E-mail address	Signature
Chair	Dr. Wael Mokhtar	Director, School of Engineering	mohktarw@gvsu.edu	
Member	Larry Ridge	Chief Engineer, GHSP	ridgel@ghsp.com	
Member	Dr Mehmet Sozen	Professor and Chair of Mechanical Engineering Program, School of Engineering	sozenm@gvsu.edu	

By submitting this form, I am confirming that the above title, objectives, and outcome are approved by my committee.

Student Signature: Date: 08NOVEMBER2018