ASSESSMENT OF THERMAL STRESS ON BEER

A Major Qualifying Project Report

submitted to the Faculty

of the

WORCESTER POLYTECHNIC INSTITUTE

In partial fulfillment of the requirements for the

Degree of Bachelor of Science

By

John Caliri

Cody Holmes

Daniel Ouellette

Kayleigh Shaughnessy

April 19, 2016

Approved:

Professor Stephen Kmiotek, Major Advisor

This report represents the work of WPI undergraduate students submitted to the faculty as evidence of completion of a degree requirement. WPI routinely publishes these reports on its website without editorial or peer review. For more information about the projects program at WPI, please see http://www.wpi.edu/academics/ugradstudies/project-learning.html

This MQP contains information deemed confidential to the business interest of the industrial sponsor. Please contact Stephen Kmiotek at sjkmiotek@wpi.edu for additional information.

Students worked with Wachusett Brewing Company in order to evaluate current processes and equipment and confirm that production matches the company's standards. Specific attention was paid to thermal stress on the beer during the brewing process.