

Process Improvements at The Dow Chemical Company

A Major Qualifying Project Report

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by

Elora Borkowski

Aaron Harshman

Samantha Ricci

Hannah Robinson

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Approved:

Professor Stephen Kmietek, Major Advisor

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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.

The Dow Chemical Company is a global supplier of materials and technologies in the electronics industry. Currently, the company is looking to improve one of their chemical processes. Through site visits and process analysis, the group identified points of improvement in their current procedure and subsequently developed a revised procedure to increase throughput of the process. While suggesting improvements, the group focused on process safety in the design.