

Quarterly Report – Public Page

Date of Report: *July 14, 2010*

Contract Number: *DTPH56-10-T-000005*

Prepared for: *Pipeline & Hazardous Materials Safety Administration (PHMSA)*

Project Title: *Compatibility of Non-Ferrous Metals with Ethanol*

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This project extended the efforts made in previous projects that focused on industry survey and literature to investigate the compatibility of non-ferrous metals with ethanol. Electrochemical testing will be conducted to investigate the corrosion performance of a set of selected non-ferrous metals in fuel grade ethanol.

In this project quarter, a kickoff meeting was held to discuss the project scope. A set of non-ferrous metals and several stainless steels were identified for testing based on the knowledge gained in previous projects. The materials have been ordered and testing will start once the materials arrive.