

June 6, 2016

Dave Moody, Oxana Shibeve
Team Program
Queen's University
Kingston, Ontario

Re: Ethermic Technologies Inc. & Queen's Team Success Story for 2015/2016

In mid-April 2016 Ethermic Technologies attended our "Queen Team's" presentation to learn of their findings for the project they were assigned. Post presentation and report, Ethermic was very pleased with the quality and professionalism the students exhibited. The Team included a great mix of very bright students from Queen's University, which recently completed a market assessment project investigating the need for newly developed technologies and to understand the potential left within the oilfields of Alberta. The students were part of a unique program at Queen's University in Kingston, Ontario called Technology, Engineering and Management (TEAM). It's a fourth-year, industry-based, multi-disciplinary design course, where students are tasked with solving "real-world" engineering challenges. Ethermic team members involved: Kaley Ogilvy, Seymour Monteiro, Daniel Lo, and Mika Choudhary.

The Project focused on the current economic state of the oil and gas industry in Alberta and emphasized the need for optimized & cost effective technologies to meet new market demands. Key highlights included an analysis of costs associated with drilling and completing wells in different areas of Alberta, the growing abandoned/orphan well problem, and the economics and environmental impact of hydraulic fracturing. The Project provides solid reasoning for measures that must be taken by operators and regulatory bodies alike to incentivize and introduce new technology in the industry to stay competitive.

A number of students had some work experience outside of university, however we found that the group were very eager to be part of 'real-world' project designs. The project involved all the intricacies and uncertainties that come with complex project development, where problems don't necessarily have a single, straightforward answer. Our experience with the Queen's Team project has shown us that is an incredible program that helps develop well-rounded and experienced future leaders of industry.

For more information on the Ethermic Technologies market and need for new technology study proposed by the student group, please contact Ryan Brenner.

If you are interested in working on a future TEAM project with Queen's University, or for more information on the program, you can contact the TEAM course coordinator Dave Moody or visit the TEAM website.

Sincerely,

A handwritten signature in black ink that reads "Ryan Brenner". The signature is fluid and cursive.

Ryan Brenner G.I.T.
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