CIRAS resources assist company with training and product design

Power Engineering and Manufacturing, Ltd., specializes in the custom design and manufacturing of heavy duty gear boxes for a wide variety of industries. To help meet goals of increasing sales and production, and as well improve employee training, Power Engineering worked with CIRAS on Training Within Industry programs, which focus on teaching essential job skills for people responsible for the work of others. Power Engineering completed the three core programs of Training Within Industry, resulting in a potential impact of $600,000 over the next three years. The company was also able to retain six positions and anticipated adding another 12 in the near future.

Through its relationship with CIRAS, Power Engineering also worked with two groups of Iowa State University engineering students on product design and testing projects, through the Mechanical Engineering Capstone Program. Each semester, CIRAS matches students in the program with sponsoring companies and real-world projects. The students took on two projects that involved everything from design to actual fabrication of the products, working directly with Power Engineering through the process to meet their needs. As a result, the projects have helped Power Engineering improve quality and increase marketability of products, resulting in a potential impact of $350,000 over the next three years.

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