

Reducing Drawing Revisions Abstract

Thermal Engineering International (USA), Inc. supplies heat transfer technology to the electric power generation industry, providing fully-integrated design, engineering, manufacturing, research and development, construction and service capabilities. The Joplin, MO facility is the OEM of feedwater heaters, condensers, heat exchangers and moisture separator reheaters worldwide. 53% of the non-conformance costs in the last two fiscal years at Thermal Engineering International (USA), Inc. have been due to drawing revisions. Other revisions are not tracked through the Deviation Management System so we are unaware of the full scope of the problem. This project will determine the root cause of excessive drawing revisions, streamline the revision process, and reduce drawing revisions and the associated non-conformance costs by at least 40%. The projected savings would be in excess of \$290,000. The timeline is for this black belt project to reach the beginning of the Control phase by August 11, 2017.