

# Quad's Creative Installation Techniques Reduces Water Box Shutdown Duration

Quad is pleased to announce the successful startup of the new Morgan supplied Water Boxes at Sterling Steel located in Illinois, USA.

Originally planned as a 15 day outage, with Quad's engineering inputs this was shortened to only 8 days. This was achieved by attention to all details, doing as much work as possible off line and ahead of time, and managing the outage on a day by day basis.

Quad provided all the construction engineering for the project, covering civil, electrical and piping disciplines. Quad also supported Sterling Steel with the project management and site management, including construction scheduling and contractor support.

This aggressive schedule was achieved with successful startup on Tuesday 3 November, 2009 and Sterling is already seeing the benefits of their new water boxes. Sterling Steel management complimented Quad Engineering for their excellent engineering work and overall project support, and expressed their interest in working with Quad again on other projects.



## Quad's scope of Engineering Services included:

- *Civil, Electrical & Utilities installation engineering*
- *Project management*
- *Construction Scheduling to reduce shutdown duration from 15 days to 8 days*
- *Site supervision & construction contractor support*