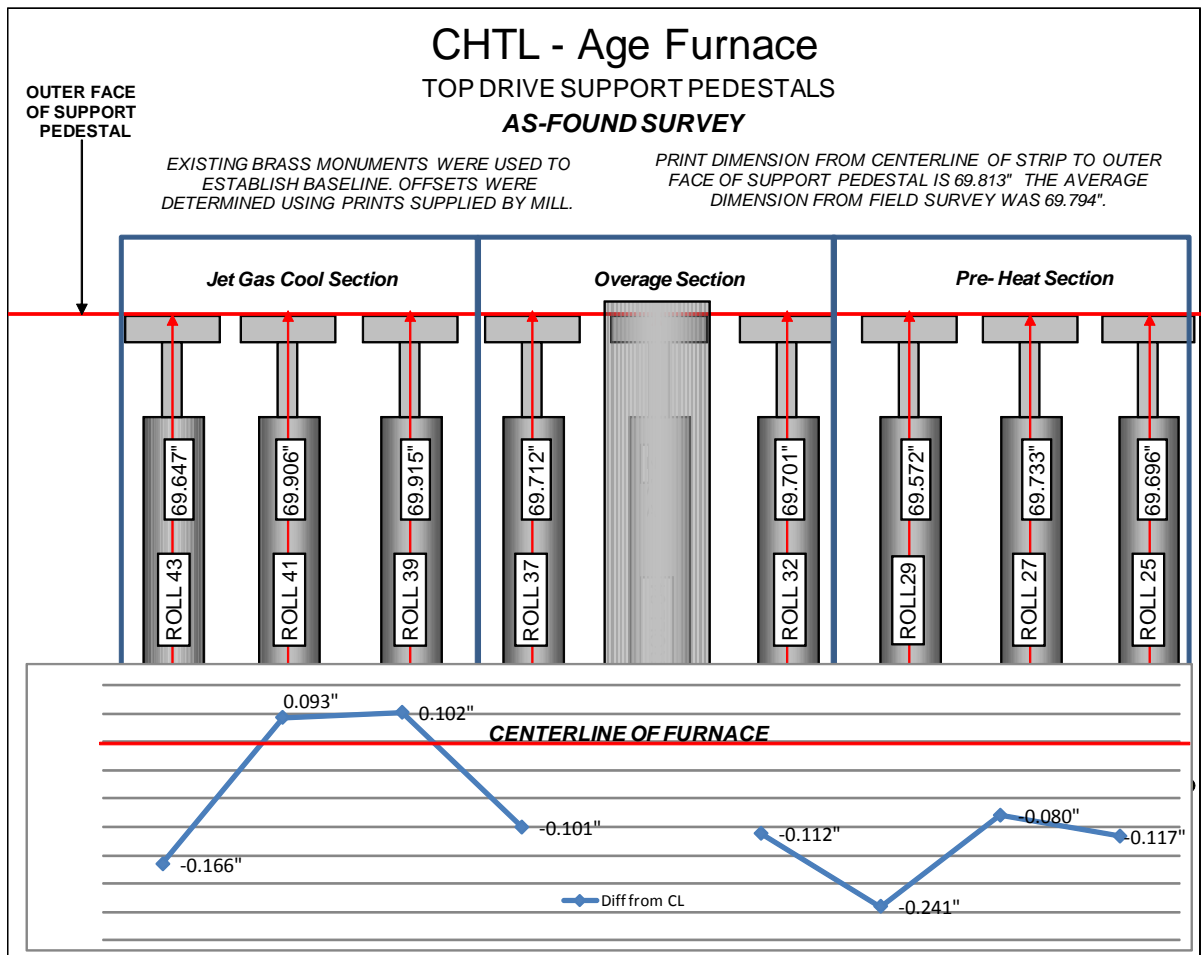


ArcelorMittal Burns Harbor CHTL Modernization

Falk-PLI utilized 3D laser tracking and 3D laser scanning technologies during the recent upgrade of the Continuous Heat Treatment Line (CHTL) at ArcelorMittal Burns Harbor. During the upgrade, ArcelorMittal’s engineers quickly identified and corrected misaligned equipment and process roll configurations, verified new equipment installation accuracy, performed clash detection of new equipment placement, defined tolerances, and designed the appropriate placement of operator control rooms using the real-time measurements provided by Falk-PLI. Prior to the installation of new equipment, many process sections of the line were precision measured to acquire a baseline strategy for alignment.

Example Report used to align furnace rolls that significantly reduced track-offs and delays.



This project was presented at AISTech 2011 and will be reviewed for a Maintenance & Reliability Award for 2013 once additional production data is available.