

PIPE SUPPORT INSPECTIONS

Various codes, standards and regulations recommend the performance of regular pipe hanger inspections which, unfortunately, are frequently overlooked and generally ignored.

Conversely, there is substantial industry evidence demonstrating the importance of these devices and their influence over the performance and reliability of the suspended piping and connected equipment.

Some physical examples of problems that develop from poor pipe hanger performance include the following:

- Circumferential cracking in high energy piping
- Failures in branch line/drains connected to the primary run of piping
- Flashing and water hammer development
- Welded hanger attachment failures (steam leaks, cracking and disengagement)
- Development of severe pipe distortion
- Vibration and misalignment in connected equipment (pumps, turbines)

Fortunately, most of the significant consequences associated with poor pipe hanger performance are long term or chronic in nature. As a result, pipe support inspections represent a cost-effective means to identify, monitor and address situations before they impact plant reliability or safety.

Over the years, we have performed thousands of inspections (and continue to do so) throughout the industry. The basic steps include periodic walkdowns of critical systems in their hot "operating" condition, prior to an outage, followed by a second inspection in the cold "shutdown" condition.

Simply contact us at 401-467-8661 or toll free at 800-565-9729.

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