

Are Your Pipe Supports & Spring Hangers...



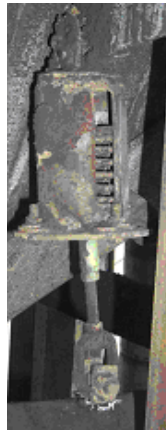
Working
correctly?



Supporting
intended
loads?



Severely
corroded, not
functioning or
ready to fail?



Fit for Continued Service?

We have the Solutions for you!



PIPINGSOLUTIONS, inc.

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Pipe Support Fitness for Service Study Overview

➤ Field Data Collection

- Locate all pipe supports and note the location of each on plan & elevation drawings.
- Make visual inspection of pipe supports, t-shoes, rollers, low friction slide bearings, insulated supports, rigid pipe hangers, sway braces, sway struts, hydraulic snubbers, variable spring hangers and constant spring hangers.
- Record all appropriate data for each pipe support and generate a written record of all relevant data. For spring hangers & supports, the data will include the operating load, the installed load, the spring rate, the actual hot load and cold load positions and the design hot load and cold load positions.
- Take a digital photograph of each pipe support documenting any observed problems.
- Generate a spreadsheet listing all noted pipe supports and preliminary findings.

➤ Engineering Fitness For Service Assessment

- Organize field collected data and photographs by pipe support.
- Review the collected data for each pipe support and prepare comments as to the suitability for continued service as follows:
 - Acceptable for continued service as is
 - Acceptable for continued service with modification or re-conditioning
 - Acceptable for continued service with adjustment
 - Unacceptable for continued service as is
 - Replace with a new or different pipe support
 - Review of piping stress analysis originally performed
 - Perform a piping stress analysis study to quantify the need for the support
- Provide specifications for all supports other than those that are acceptable for continued use.
- Provide marked-up plan & elevation drawings identifying all support locations or, using AutoCAD, generate new plan and elevation drawings documenting all support locations.

➤ Field Supervision

- Removal, adjustment or replacement of rigid pipe supports.
- Removal, adjustment or replacement of spring hangers or supports.
- Removal, adjustment or replacement of sway braces, sway struts and hydraulic snubbers.
- Field verification of piping movements as well as installed and operating loads carried by spring hangers.

PipingSolutions, Inc. welcomes the opportunity to be of service to your company!