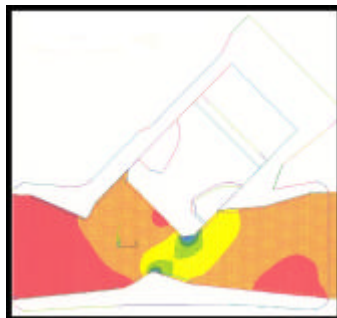


Advanced Check Valve Failure Analysis & Prevention Class

Class Description

Kalsi Engineering Inc. is offering a comprehensive course on check valve failure analysis to develop and refine skills in diagnosing check valve failure causes and determining effective corrective actions to prevent recurrence. It will focus on the tools and insights that a check valve component or design engineer can use to identify known or potential failures. Topics to be covered in this course will include:

- Hardware failure analysis, root cause training and preventive maintenance optimization
- Check valve design effects & failure mechanisms
- State-of-the-art analytical methodologies to address and eliminate problems
- Plant case studies in failure root causes & solution strategies
- Methods to optimize valve inspection & preventive maintenance to improve reliability
- Prioritizing maintenance and inspection for improved condition monitoring



Course Instructors

Kalsi Engineering, Inc. is internationally recognized as an expert in the evaluation of check valve applications. Kalsi valve specialists have an average of 20 years of experience directly related to solving check valve problems and have evaluated over 3,000 check valve applications in more than 22 U.S. nuclear power plants. The engineering staff at Kalsi Engineering was a key contributor to the EPRI Report NP-5479, *Application Guidelines for Check Valves in Nuclear Power Plants*. Kalsi Engineering instructors have extensive knowledge in current industry check valve initiatives and concerns, and are actively involved in key industry organizations.

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