Learn Risk Based Inspection analysis using ReliaSoft RBI

**Risk Based Inspection (RBI)** is becoming the recommended methodology to schedule fixed pressure equipment inspections. This course provides an introduction to risk based inspection analysis based on the American Petroleum Institute (API) standard RP 580/581, with an emphasis on applying ReliaSoft RBI software for both qualitative and quantitative analyses.

This onsite course presents risk based inspection concepts and with practical application using RBI software so that you can understand how to execute the API RP 580/581 standard in your organization.

This course is for maintenance professionals working in the oil and gas industry that are responsible implementing the API RP 580/581 standard.

Recommended Foundational Course(s): RCM Principles and Analysis

**Learning objectives**

- Understand how risk based inspection can be more efficient in terms of both safety and cost
- Apply risk based inspection analysis by either qualitative or quantitative analysis

**Topics included - 2 days**

<table>
<thead>
<tr>
<th>Introduction to risk and risk theory</th>
<th>Review of API 580/581</th>
<th>Creating your equipment hierarchy</th>
</tr>
</thead>
<tbody>
<tr>
<td>Qualitative analysis using FMEA</td>
<td>Quantitative Analysis of risk</td>
<td>Understanding consequence of failure</td>
</tr>
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</table>

As an SMRP Approved Provider, select HBM Prenscia Academy training courses are recognized to provide continuing education that aligns with the most relevant topics and best practices in the industry according to the SMRP Body of Knowledge and/or the Asset Management Landscape, which is published by the Global Forum on Maintenance and Asset Management.

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