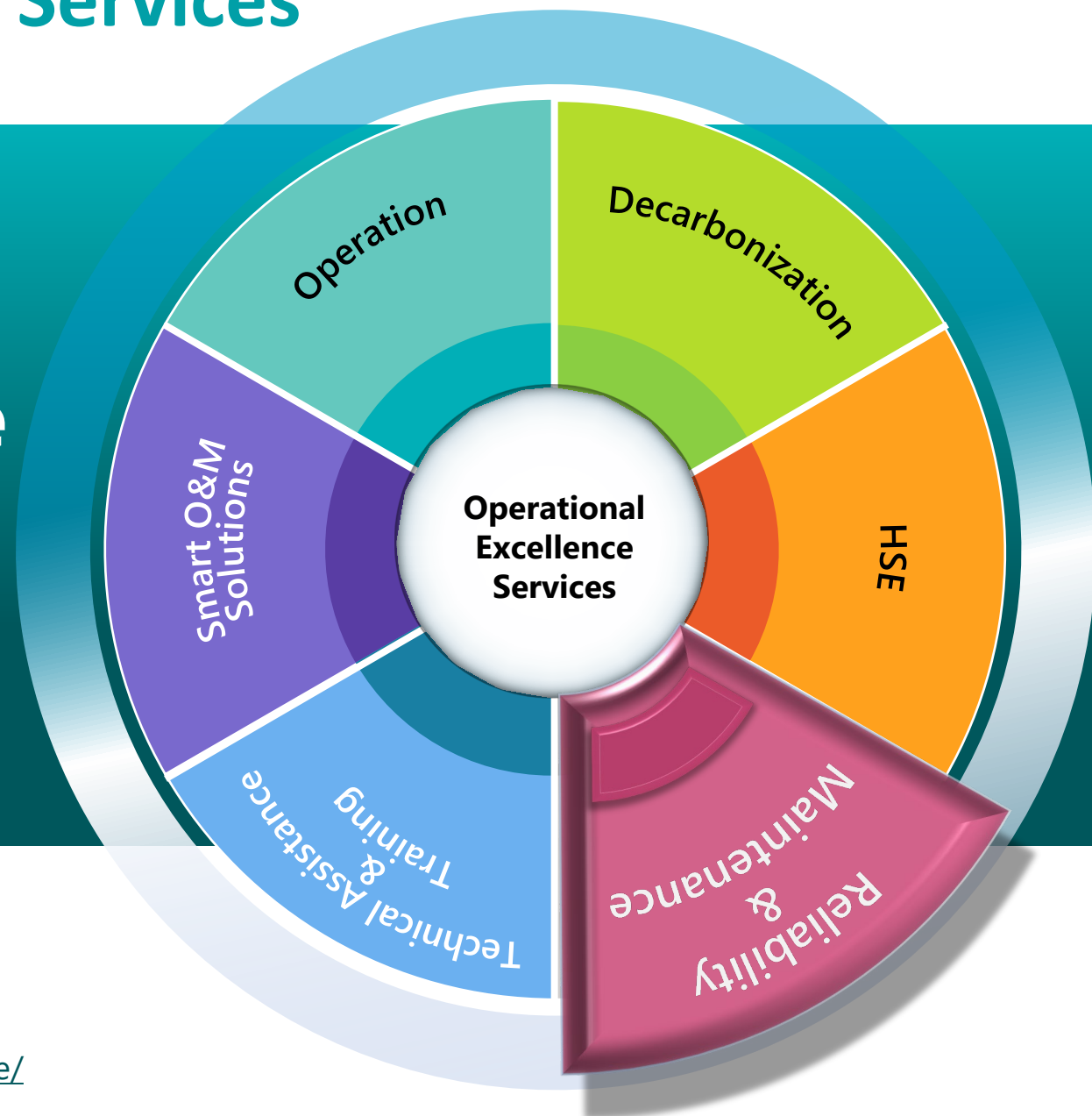




Operational Excellence Services

Reliability & Maintenance Risk-Based Inspection (RBI)



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Access to Our Homepage

 <https://www.jgc.com/en/business/epc/operation-maintanance/service/>

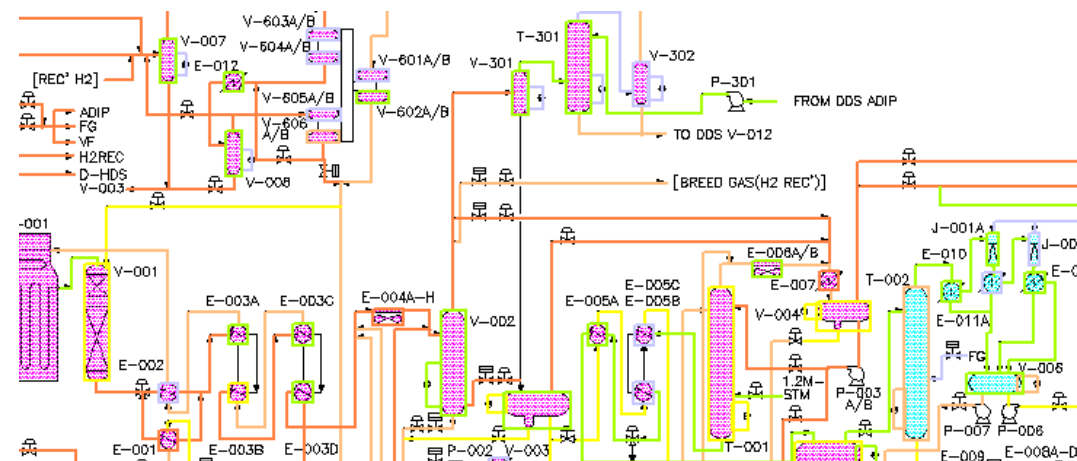
Risk-Based Inspection(RBI)

Do you have any of these issues?

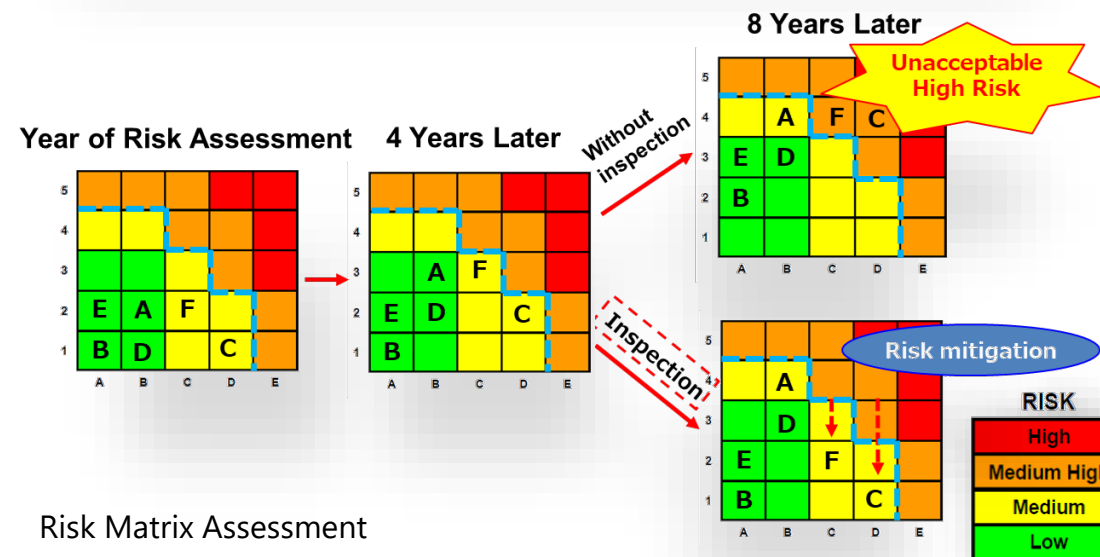
- ☹ **Many Reliability Incidents**
- ☹ **High Maintenance and Inspection Costs**
- ☹ **High Insurance Fees**

RBI Solution

- Determine Risk with probability and consequence of failure
- Prioritize and effective inspection based on risk assessment to static equipment, piping
- Improve reliability while reducing maintenance & inspection costs and insurance fees



Corrosion Loop Marking

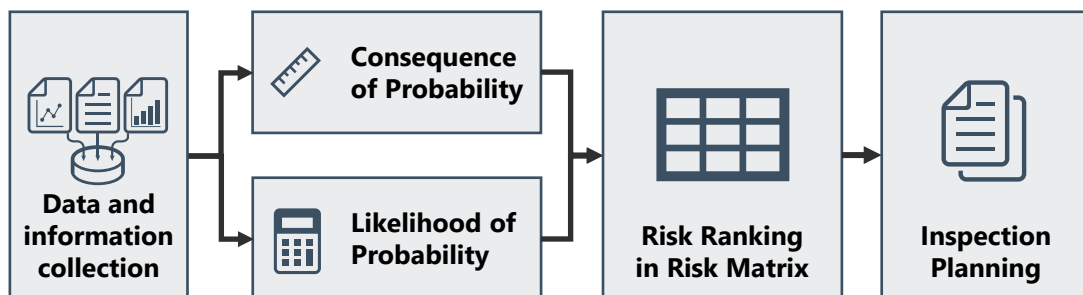


Risk Matrix Assessment

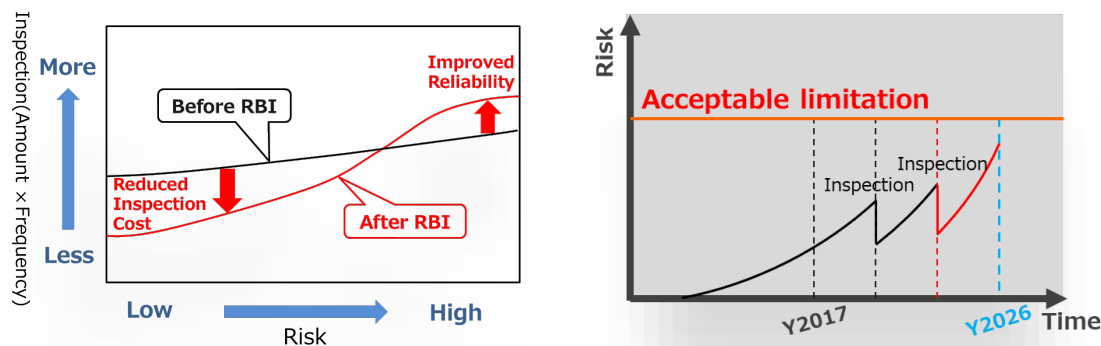
Risk-Based Inspection(RBI)

[Return to
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Workflow & Result



- Evaluation of the Potential Risks
- Development of Inspection Task Plan
- Development of Computerized Maintenance and Inspection System
- Development of Integrity Operating Window



Reduced inspections and cost cuts with RBI

Our Strengths

- Professional Process and Material Engineer Teams
- Global experiences and performances on risk assessment, inspection planning, on-site Inspection.
- Integrating JGC's many years of inspection and plant design experience to achieve lower inspection costs and longer plant life
- Collaboration between overseas EPC-capable group companies and local maintenance companies.

Our Experiences

Worldwide Achievement

RBI Experience in Far East, Middle East, Southeast Asia, Africa, North America

15+ Projects

Refinery, GTL, Gas Processing, Gas Oil Separation, FLNG, LNG, LNG Terminal