



Operational Excellence Services

Reliability & Maintenance
Inspection & Diagnosis



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Access to Our Homepage

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

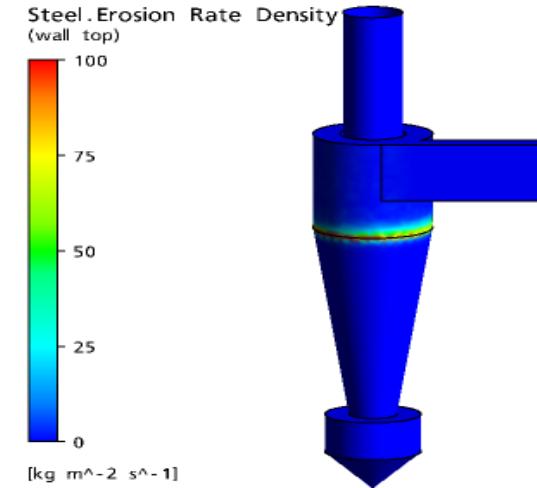
Inspection & Diagnosis

Do you have any of these issues?

- ☹️ **Need to enhance mechanical integrity of process equipment and piping system**
- ☹️ **Lack of experienced inspection and diagnosis engineers**
- ☹️ **Need engineering support during turnaround**

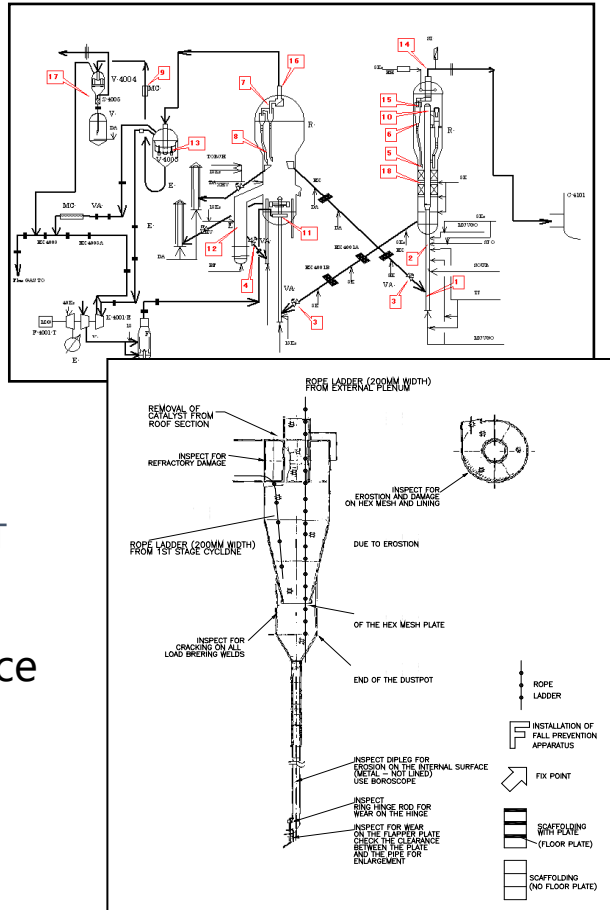
Turnaround Inspection Solutions

- Prioritized inspection planning, reliable inspection execution and practical repair engineering
- Cutting edge simulation technologies and experienced specialist for complex process degradations evaluation
- Utilization of advanced NDT technologies to fit for purpose
- “Fitness for Service” assessment by experienced engineers.



Turnaround Inspection

- Develop inspection plan based on type of degradations before turnaround
- Inspection related preparation work arrangement
 - ◆ Scaffolding and ladders
 - ◆ Surface preparation for NDT
- Preparation of NDT service package for contract
- Inspection Record Management System



Our Strengths

- Abundant experience in turnaround inspections
- Experienced and qualified inspectors (API 510, API 570, API 936 etc.)
- Simulation with Computational Fluid Dynamic (CFD)
- Fitness for Service assessment by experienced engineers

Our Experiences

Executed Project

40+ Cases

Data Analysis

100+ Facilities