

FITNESS FOR SERVICE ASSESSMENTS

DOCAN's comprehensive Fitness for Service Assessments combines a range of advanced techniques to accurately assess mechanical integrity and deliver a cost-effective solution.

CORE CAPABILITIES:

- ✓ Engineering Criticality Assessments
- ✓ Simulation & Analysis
- ✓ Manual calculations
- ✓ ASME PCC repair design
- ✓ Uprate, downrate, rerates
- ✓ Multi-physics analyses
- ✓ Defect assessments
- ✓ API 579, BS 7910, & EDF R6
- ✓ L1/L2 software methods
- ✓ L3 FEA based methods

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LEARN MORE



HOW WE CAN HELP

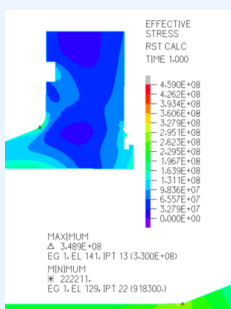
We have extensive experience working across various high-integrity industries, carrying out effective Fitness for Service Assessments on a wide range of assets from piping and pressure systems to welded structures and process facilities.

We can perform FFS assessments to a variety of codes to determine if your equipment is safe for immediate return to service, or provide detailed run-repair-replace documentation.

From simple single code checks to complex multi-physics analysis, there's no limit to our capabilities with the key deliverables on every project being to reduce downtime, avoid unplanned shutdowns and ultimately save costs.

KEY PROJECTS

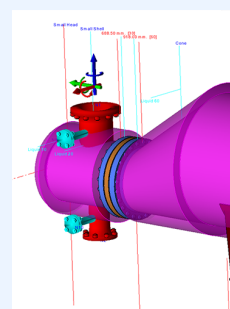
PIPELINE DEFECT FITNESS FOR SERVICE



OFFSHORE O&G

- ✓ Determining if high-pressure pipeline with external corrosion was safe for operation
- ✓ Pipe Stress Analysis employed to determine external loading expected on the pipeline
- ✓ Detailed report created based on formal and verified calculations & analysis

PRESSURE RERATING ASSESSMENT



OIL & GAS

- ✓ Assessment of existing equipment to verify use for new purposes
- ✓ Manual calculations & pressure vessel modelling to assess each vessel for code compliancy due to rerating
- ✓ Reviewing vessel foundations for suitability under hydrotesting
- ✓ Codified assessments produced