



PIPING & PRESSURE SYSTEMS

DOCAN offers high-level expertise and advanced engineering & design services across the lifecycle of piping networks, pressure vessels and pressure systems.

CORE CAPABILITIES:

- ✓ Detailed design & engineering
- ✓ Pipe Stress Analysis
- ✓ R&D
- ✓ Front-End Engineering Design
- ✓ Fitness for Service Assessments
- ✓ Finite Element Analysis

✉ INFO@DOCANCO.COM

☎ +44 (0) 1606 212330

🌐 DOCANCO.COM

LEARN MORE



HOW WE CAN HELP

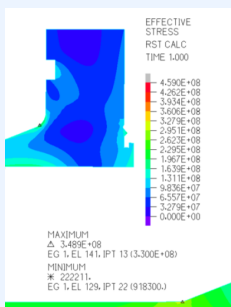
Providing advanced consultancy services on a multitude of applications within pressure systems and piping applications is one of our specialities here at DOCAN.

Our team of highly skilled engineers have extensive knowledge of all major design codes and in-depth design & analysis methods to identify and resolve any complex engineering problems to deliver a cost-effective, efficient solution.

We work across many highly regulated industries and can apply our transferable skills to any project no matter the complexity, scale or unique challenges it faces. Flexible and adaptable to your requirements, we work in a way that suits the needs of your project.

KEY PROJECTS

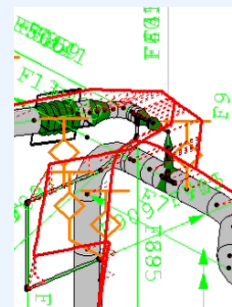
PIPELINE DEFECT FITNESS FOR SERVICE



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

DYNAMIC PIPE STRESS ANALYSIS



POWER GENERATION

- ✓ Validation of high-pressure steam vent line during pressure safety valve (PSV) opening
- ✓ Understanding dynamic piping loads that would be present to verify integrity of the line
- ✓ Combining 1D thermo-fluids analysis and Pipe Stress Analysis to determine transient loads