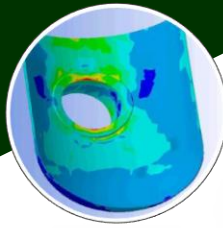
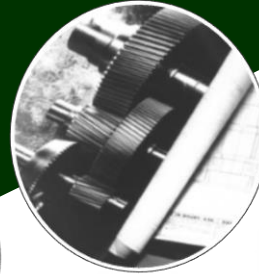


Fitness-For-Service (FFS) Assessment

AMCO offers expert services in the evaluation of petrochemical/process/refining and power plant covering a range of potential damage mechanisms (and their interaction) including but not limited to:

- ✓ Corrosion
- ✓ Creep
- ✓ Hydrogen Damage
- ✓ Fatigue
- ✓ Embrittlement

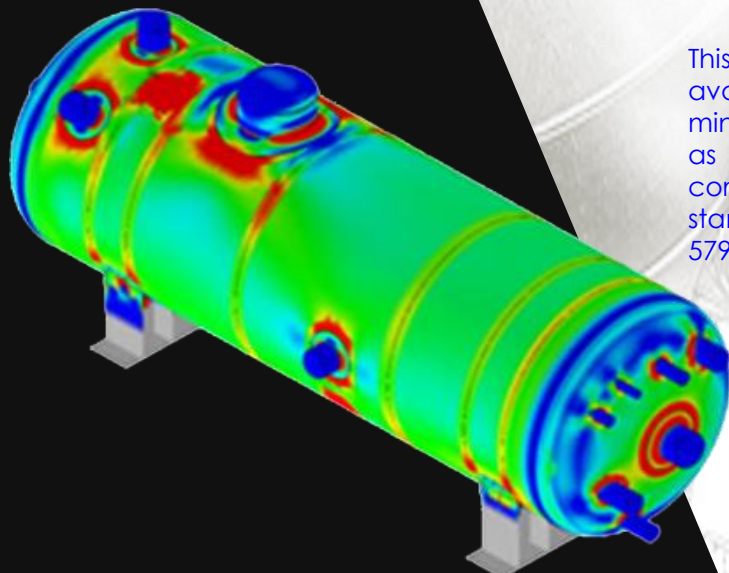


Fitness-for-service (FFS) assessment is a multi-disciplinary approach to determine, as the name suggests, whether equipment is fit for continued service. The equipment or system in question may contain flaws or other damage, or may be subjected to more severe operating conditions than anticipated by the original design. The outcome of a fitness for-service assessment is a decision to run as is, repair, re-rate, alter, or retire the equipment.

AMCO assesses the fitness for service of plant under operating conditions which can give advanced warning of in-service failures. This can help the plant operators in reducing cost by avoiding costly unplanned outages and at the same time minimize excessive maintenance or premature inspection.

AMCO assesses the fitness for service of plant components and material under operating conditions, which can confirm that a material or component is safe to use, give advanced warning of in-service failures and resolve disputes between suppliers and operators.

This can help the plant operators in reducing cost by avoiding costly unplanned outages and at the same time minimize excessive maintenance or premature inspection, as well as reassuring operators of the quality of components. AMCO has excellent expertise in the use of standardized approaches such as those outlined in API 579.



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