

Stress-corrosion cracking

Deskripsi Lengkap: <https://lib.ui.ac.id/detail?id=20442472&lokasi=lokal>

Abstrak

Stress-Corrosion Cracking details the many conditions under which SCC can occur, the parameters which control SCC, and methodologies for mitigating and testing for SCC, plus information on the mechanism of SCC with experimental data on a variety of materials. It contains information about the environmental, mechanical, microstructural and chemical aspects of SCC to help predict and prevent component failure. Chapters include coverage of SCC for materials and SCC in different environments: carbon and low-alloy steels; high-strength steels; stainless steels; nickel-base alloys; copper alloys; aluminum alloys; magnesium alloys; titanium alloys; zirconium alloys; uranium alloys; amorphous alloys; glasses and ceramics; and weldments in boiling water reactor service.