

QUALITY OF PASSIVATION OF STAINLESS STEEL ARTICLES, INDUSTRIAL EQUIPMENTS AND COMPONENTS INCLUDING PIPELINES

Type of tests performed

- ⊙ Visual inspection for the presence of any untreated patches and flaky and uneven deposits
- ⊙ Copper Sulphate Test as per IS 10117:2000 (Reaffirmed 2006)
- ⊙ Boiling Water Test as per IS 10117:2000 (Reaffirmed 2006)
- ⊙ Ferroxyl test as per IS 10117:2000 (Reaffirmed 2006)
- ⊙ High humidity test as per IS 10117:2000 (Reaffirmed 2006)
- ⊙ Pitting tendency as per IS 10117:2000 (Reaffirmed 2006)
- ⊙ Potential-time measurement as per IS 10117:2000 (Reaffirmed 2006)
- ⊙ Linear polarization measurement
- ⊙ Potentiodynamic polarization
- ⊙ Electrochemical impedance spectroscopy (EIS)

Report

Conformance to the passivation quality requirements of IS 10117:2000 (Reaffirmed 2006) and other international standards