

Customer: Energy Industries of Ohio

Date 5/19/2005

CA Originator C. Ruud

Pattern Number: C-1 Coil Casting

Description of Defect / Non-Conformance

Mechanical testing failed yield strength. 33,300 psi vs. 34,000 psi min.

Root Cause

Direction to the testing laboratory was to test 3 samples and report the results to MetalTek International. Based on our interpretation of the specification at the time, we averaged the results of the 3 specimens and determined that the yield strength met the specification minimum. As a result, no direction was given at the time to conduct a retest per ASTM E703 for defective bars. Contractual requirements with our subcontractor test laboratory did not include retention or return of test specimens.

Corrective Action

MetalTek requested a retest of one specimen upon request by EIO. The test results complied with the specification and were reported to EIO.

Specification and MetalTek internal ITPs will be reviewed at the Technical conference in St Louis on May 25-26. It is anticipated that one result will be individual reporting of test data and possible retention of all test specimens.

Signed: C Ruud

Actual Completion Date: 5-19-05

CC: Barry Craig, J. Edwards, P. Djordjevich, G. Mergel

Nonconformance Report: MetalTek CA 1286

Project Disposition: Initial corrective action involving single retest rejected. Subsequent testing of 3 total samples accepted. Retest results for 3 samples have been received and accepted.

Approvals

Procurement Technical Representative _____
Phil Heitzenroeder

Responsible Line Manager _____
Brad Nelson