

Mark Rael

Technician IV | Materials & Corrosion Engineering
149 Commonwealth Drive | Menlo Park, CA 94025
(650) 688-7355 tel | mrael@exponent.com

Professional Profile

Mr. Rael has been with Exponent for 20 years, and specializes in failure analysis, metallography, inspections, and mechanical testing.

Mr. Rael's skill set includes the following: test fixture design and fabrication, metallurgical and electronic device sample preparation, welding, precision machining, and instrumentation, as well as carpentry, plumbing, and masonry work.

He also has experience with: real time X-ray, LECO hardness testing, INSTRON operation, and JEOL SEM operation. In addition, Mr. Rael is a NACE Certified Coatings Inspector Level 3 CIP with Bridge Specialty, and a certified forklift operator.

Licenses and Certifications

JEOL Scanning Electron Microscopy

LECO Hardness Testing

INSTRON Operator

HAZWOPER Certified

ASM International Metallographic Techniques

Lee & Associates Rescue Equipment, Inc.

Confined Space and Fall Protection

NACE CIP No. 33203

NACE - Certified Coating Inspector Level 3 with bridge specialty, Certification #33203