



IBECA Technologies Corp.

Perspectives on Hydrogen Embrittlement on Coated High Strength Fasteners

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Outline

- Background
- HE Theory
- Research Highlights
- SFOBB rod failure case
- Coatings and Hot Dip Galvanizing and high strength bolts
- Outlook and future direction with coatings

Perspective: Fastener Engineering

- Fastener manufacturing
- Bolting and joint engineering
- Fastener standard specifications (ASTM, SAE, ISO)
- 25 years of experience, case studies, failure investigations

