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Vinoski & Associates, Inc.

Latent Defect Design Reviews

Root Cause Investigations

Insurance claim Support

Development, EPC, LTSA

USA – multiple states
London, UK

CONFIDENTIAL INFORMATION

Insurance Claim Support

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- ▶ Design Engineers to identify Latent Design Defects perform true Root Cause Assessments.
- ▶ Power, Energy, Rotating Equipment, and all Electrical Apparatus, Transmission & Distribution.
- ▶ National Association of Fire Investigator Certified
- ▶ Civil/Structural Steel, Piping Experts and Pipeline work
- ▶ Construction, permitting, and BAR experience
- ▶ Repair/Recovery Cost Estimating/Auditing
- ▶ FMEA & Over 20,000 failures examined
- ▶ All engineering disciplines with Insurance Claim Experience
- ▶ 4 Labs with forensic examination and product defect examination capabilities
- ▶ Limited Off-shore Power and Platform experience

Capabilities...

- ▶ General claim support & root cause analysis.
- ▶ Review OEM & non-conclusive RCA forensic reports.
 - ▶ *In 2020-21; 90% of OEM self-conducted RCA were misleading.*
- ▶ Repair costs examination.
- ▶ Engineered alternative repair options.
- ▶ Eliminate obsolesce excuses; so, OEM can sell upgrades.
- ▶ Loss of Life and Injury Investigations
- ▶ Insurability reviews, vibration analysis, lightning experts.
- ▶ Management oversight & expedited recovery.

US & Worldwide Availability

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- ▶ Over 2 dozen US Engineers – efficiently supporting worldwide claims and insurance market support services.
 - ▶ In US 9 States, UK, and expanding to reduce travel costs
- ▶ Experience identifying & correcting large turbine generator latent defects.
- ▶ Experience identify & mitigating latent wind and solar design defects.
- ▶ Experience with design & RCA on Wind, Solar, BESS, Fuel Cell, Geothermal
- ▶ CTG Experience:
 - ▶ A, B, C, D, E, F, H, (HA.2 & HA.03) & J Technologies: claim work & latent design defects resolutions.
 - ▶ Land, marine, and off-shore power.
 - ▶ GE Examples: LM 500, 1000, 1500, 2500, 5000, 6000, LMS100; Frames 5, 7, and 9s.
 - ▶ Westinghouse Examples: J32, J40, W191, W501D, W501F, W501G
 - ▶ ABB & Siemens Examples: Type 8's, 11's, 12's, 13's, 26; V84.2, V94.2
 - ▶ Jet engines all types, and extreme altitude propulsion systems
- ▶ Transformer, Switchgear, and transmission/distribution systems.
- ▶ Controls experts, inverters experts.