

## ROBERT “DREW” RILEY

### SUMMARY

Mr. Riley is an experienced Electrical, Mechanical and Project Consultant who specializes in providing damage assessment, failure analysis, and equipment and machinery causation. Drew also possesses engineering experience which has included investigating damage causation and performing maintenance on complex mechanical, electrical, and electronic equipment. Mr. Riley has extensive experience investigating complex equipment and machinery losses and with his background in the manufacturing industry, has the hands-on experience in the upkeep, repair, and installation of industrial machines and electrical devices used in the manufacturing process. As a Lead Electrician, was responsible for the testing, upgrading, and replacement of electrical and electronic devices as well as the creation and implementation of SOP processes to increase efficiency and safety. Mr. Riley also has extensive experience as a Mechanic, utilizing those skills to evaluate, design, and repair both large and small industrial implements.

Drew’s highlighted areas of expertise include, but are not limited to the following:

- Food Processing Equipment
- HVAC / Building Automation/Heat Pumps
- Manufacturing Equipment
- Computers/Hardware/Software
- Test & Laboratory Equipment
- Electrical Accidents
- Lightning Damages
- Integrated Circuit Manufacturing
- Elevators
- Medical Equipment
- Power Transmission/ Distribution Equipment
- Contamination/ Spoliation
- Radio/TV/Broadcast
- Renewable Energy
- Automation Controls
- Large Project Management
- Agriculture Equipment
- Equipment Contamination/ Restoration Processes

### EDUCATION

Bachelor of Science in Electrical Engineering, Southern California Institute of Technology; 2009 (Suma cum Laude)

### PROFESSIONAL ASSOCIATIONS

Property & Liability Resource Bureau (PLRB)

Claims & Litigation Management (CLM)

### CONTINUING EDUCATION

Additional certifications and/or courses completed in the following areas:

- Grounded Systems, Fire: Investigative Techniques
- Un-complicating the Heat Pump
- Why Plastics Fail
- Installing Motors & Transformers
- Strategies for Successful Handling of Agriculture Equipment Losses
- Crane Claims: Damages, Repairs, Cause & Origin, Special Cases
- Restoration & Medical Equipment

# FORCON INTERNATIONAL

- Wipe Sample Analysis
- IPC Training and Certification Module
- NFPA 1033 and Negative Corpus

## **CAREER HISTORY**

**FORCON International** – Electrical/Mechanical Consultant

**DLC Forensics** – Forney, TX - Owner/Principal Consultant

**Envista Forensics (formerly PT&C|LWG)** – Richardson, TX - Project Consultant

**Saputo Cheese USA** – Southgate, CA - Electro-Mechanic

**National Beverage** – La Mirada, CA - Lead Electrician / Maintenance Mechanic

**Riley Construction** – Durango, CO - General Contractor

## **SPEAKING ENGAGEMENTS**

Mr. Riley has presented at various seminars on the following topics:

- Pipe Ruptures
- How to Identify Lightning Damage
- Food Processing Facility Losses
- Technical Tips for Adjusting Electronic Equipment Claims
- Why Air Conditioning Systems Fail