

Tonya R. Scheuerman | Forensic Consultant

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Professional Summary:

Ms. Scheuerman first began working on engineering projects 14 years ago as a student working through school and has over 10 years of combined experience with both cooperative educational and professional engineering experience. She holds an undergraduate degree in electrical engineering and is working toward gaining experience and education to obtain her professional engineering (PE) license and Certified Explosion and Investigation (CFEI) certification.

Most recently, Ms. Scheuerman has specialized in providing post-loss technical solutions to carriers, IAs, attorneys and/or insureds. She can provide the following services for any electrical/mechanical equipment or building systems. Her expertise can be valuable at any time during the claims process even after a cause of loss has already been identified.

- Investigate cause of loss and/or determine scope and extent of damage
- Provide recovery options (repair, replacement or restoration)
- Complete a contamination analysis and assist with restoration process
- Provide repair costs, replacement cash value, actual cash value, salvage value
- Capture claim exposure to help set claim reserves
- Mitigation plans to reduce claim time, expense and business interruption to what is fair and reasonable
- Work with insured selected vendors to negotiate what is truly necessary to get back to a pre-loss condition before the insured may settle
- Review and validate claimed invoices for work that has already been completed by separating out excessive mark ups, pre-existing conditions, profiting off a loss, code upgrades and non-loss related work

These assessments can be completed as desk reviews or site inspections in residential or commercial markets.

Examples of equipment and building systems: phone systems, HVAC, fire alarm panels, security, medical, dental or veterinary, elevators, transformers, CNC, manufacturing, motors, severs, computers, printing presses, residential, smart homes, lighting controls, farming, traffic lights, dry cleaning, power distribution, generators, etc.

Examples of perils to those systems: lightning or other weather-related events, power surge, fire or explosion, soot, water, floating neutral, any contamination, drop, power loss, vandalism, operator error, power sag, impact from vehicle, collapse, single phasing, etc.

Project Experience:

51-story high end condominium complex, Miami, FL

Elevator water loss

Investigated damages to two elevator cars / shafts and reviewed emergency repair invoice as well as the \$500,000 repair proposal. Worked with vendor to remove repairs that were not necessary at the time and cut the proposal in half.

Data Center, Livonia, MI

Transformer failure due to lightning

Recommended several hundred thousand dollars less of claim expense because the insured wanted to be reimbursed for a rental generator and fuel for several months instead of a rental transformer which was more reliable and reasonable.

Golf Course, Ypsilanti, MI

Power equipment damage due to impact from front loader

Retained by an attorney to review documents from repair of power distribution equipment to determine what was fair and reasonable four years after the incident. Over \$60,000 worth of material and labor that were not related to the incident was recommended to be removed from the claimed total.

Professional Experience:

Envista Forensics, Technical Consultant, 2016-2019

Ms. Scheuerman held various cooperative and full-time positions between 2006 and 2016 while pursuing her education and before joining the risk management / insurance industry. She previously worked in automotive, military, defense and consumer electronic industries where she learned and fine-tuned skills such as troubleshooting, testing and validation that make her a well-rounded expert.

Education:

Bachelor of Science, Electrical Engineering, Kettering University, Flint, Michigan

Affiliations:

International Association of Arson Investigators (IAAI), Current Member
Michigan Chapter of IAAI, Current Member
National Association of Fire Investigators (NAFI), Current Member
Blue Goose Detroit Puddle, Custodian of the Ganders
Saginaw Valley Adjusters Association, Current Member

Publications and Presentations:

Edmunds, Tonya. "Determining the optimal use of the SureTest® Circuit Analyzer in Forensic Engineering". Undergraduate Thesis Project