



## Content

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- Expert Of The Month – Lou Guerrero
- Top Product Safety Recalls
- Electrical And Workplace Incidents

## Featured Expert of the Month - Lou Guerrero



Lou is a Test Engineer at TÜV Rheinland with over 20 years of experience in safety and compliance. He has worked on a wide variety of applications across multiple industries. From electronics tech fleet repair with the US Navy to compliance engineering for electronics, Lou brings a unique perspective to all his projects.

One of his most interesting recent projects was an inspection on part of a satellite system and then watching the launch of the satellite on NASA TV.

The technical challenge Lou faced was the leakage current. By using a secondary ground wire along with the cord ground, leakage was below limits. Other project challenges stemmed from the location and sensitive nature of the units, and certain restrictions were put into place. Laptops were not permitted, photos could not be taken inside or outside, and reports had to be written using an on-site pc, then printed, signed and given to the customer.

Lou had the opportunity to see some truly cool items on display, including scale models of the units and test chambers to evaluate for use in space. The standards applied were mainly NFPA79 and UL60950.

Lou started his career with the US Navy, where he took care of ship maintenance, repairs and calibration on any ship afloat 24/7/365. This also included verifying any units being connected to the ship's power for proper wiring and bonding as part of the safety procedures.

He furthered his career as a lab technician and compliance engineer working with electronics and IT equipment, ballistic resistance testing (Body Armor and Polymers) and amusement games testing before working as a follow-up inspector. Today, Lou is an accomplished test engineer, "Whoever or whatever needs to be done, I'm up for it!"

Lou's further expertise in Product Standards includes multiple categories: UL 499, UL 508, UL 508A, UL 508C, UL 752, UL 935, UL 1004, UL 1310, UL 1411, UL 1412, UL 1703, UL 1741, UL 5085, UL 60601-1, UL 60065 - (UL1492), UL 60730-1 and 2, UL/EN 60950, UL/EN 61010, CSA SPE 1000-13, ANSI/ASME A17.1, ANSI/ASME A17.5, ISO 17025, 2006/95/EC – LVD, 2006/42/EC – MD, NFPA 33, NFPA 70, NFPA 79, NFPA 86, EN 1010, EN 1870, EN 12601, EN 60335, EN 60519-1 and 2, EN 60204, EN 60034, EN 62841

**LOU'S ADVICE TO CUSTOMERS:** "Anything you are not sure of, ASK! It could save time and injury. Technology changes and working together we can do anything."

In his spare time Lou enjoys sailing, building cars and bikes, flying low and high wing single engine and was an avid hang-glider until 1992. He still enjoys building and repairing circuits, and hopes to get back to helping at local high school clubs.

## Top Product Safety Recalls



[Superpedestrian Recalls Electric Bicycle Conversion Wheels Due to Fall and Crash Hazards \(Recall Alert\)](#)



[UL Warns of Potentially Hazardous Direct Replacement LED Tube Lamps](#)



[Lumicentro Internacional with Home Depot Recalls Crystal Chandeliers Due to Fire and Burn Hazards](#)



[Design Solutions International with Home Depot Recalls Light Fixtures Due to Laceration and Burn Hazards](#)



[YSN Imports Recalls Refillable Propane Cylinders Due to Fire, Explosion Hazards](#)



[Challenger Electrical Equipment Corp. Offers Replacement Program For 9000 GFCI Circuit Breakers](#)



[CSA Group Warns of Unauthorized CSA Group Certification Marks on Wiring](#)



Impact Hazard



Fire/Burn Hazard



Shock Hazard

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## Electrical and Workplace Incidents



Massive Valley blackout again puts spotlight on L.A.'s failing infrastructure

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Why smartphone and laptop batteries explode, and what can you do to protect yourself

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Two dead, four injured after "major incident" at TECO power plant (Tampa Bay)

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Explosion protection needs and awareness in the biomass industry

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These workers' lives are endangered while contractors running nuclear weapons plants make millions

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Causes of arc flash and arc flash blast incidents



So Cal Edison fined \$2 million in Huntington Beach accident that left worker dead in 2013

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Search for answers: Montplast fined \$21,000 for employee deaths (Frankfort, KY)

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OSHA cites steel components maker in grisly incident (Columbus, OH)

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Electrical Worker Killed In Fall During Construction Of Detroit's New Arena For Pistons, Red Wings

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Worker in explosion in stable condition as OSHA probes accident (Danville, VA)

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Wrongful Death Lawsuit Filed In Deadly Carl Cannon Flash Fire (Birmingham, AL)



Big Bang Heard Outside Ballpark As Nats Explode In It (Washington DC)

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Electrical transformer malfunction causes fire (Porterville, CA)

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Explosion Leaves Downtown Trail In Dark (Vancouver, BC)

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'No Gas Leaks' In Explosion, Fire In Hambden Township; 3 Remain Hospitalized (Cleveland, OH)

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Several Manhole Fires On UWS Knock Out Power To 40 Buildings

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Fire at Plant Bowen switchyard under investigation (Bartow County, GA)

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Feds Looking Into Teen's Reported Electrocutation By Cellphone In Bathtub

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