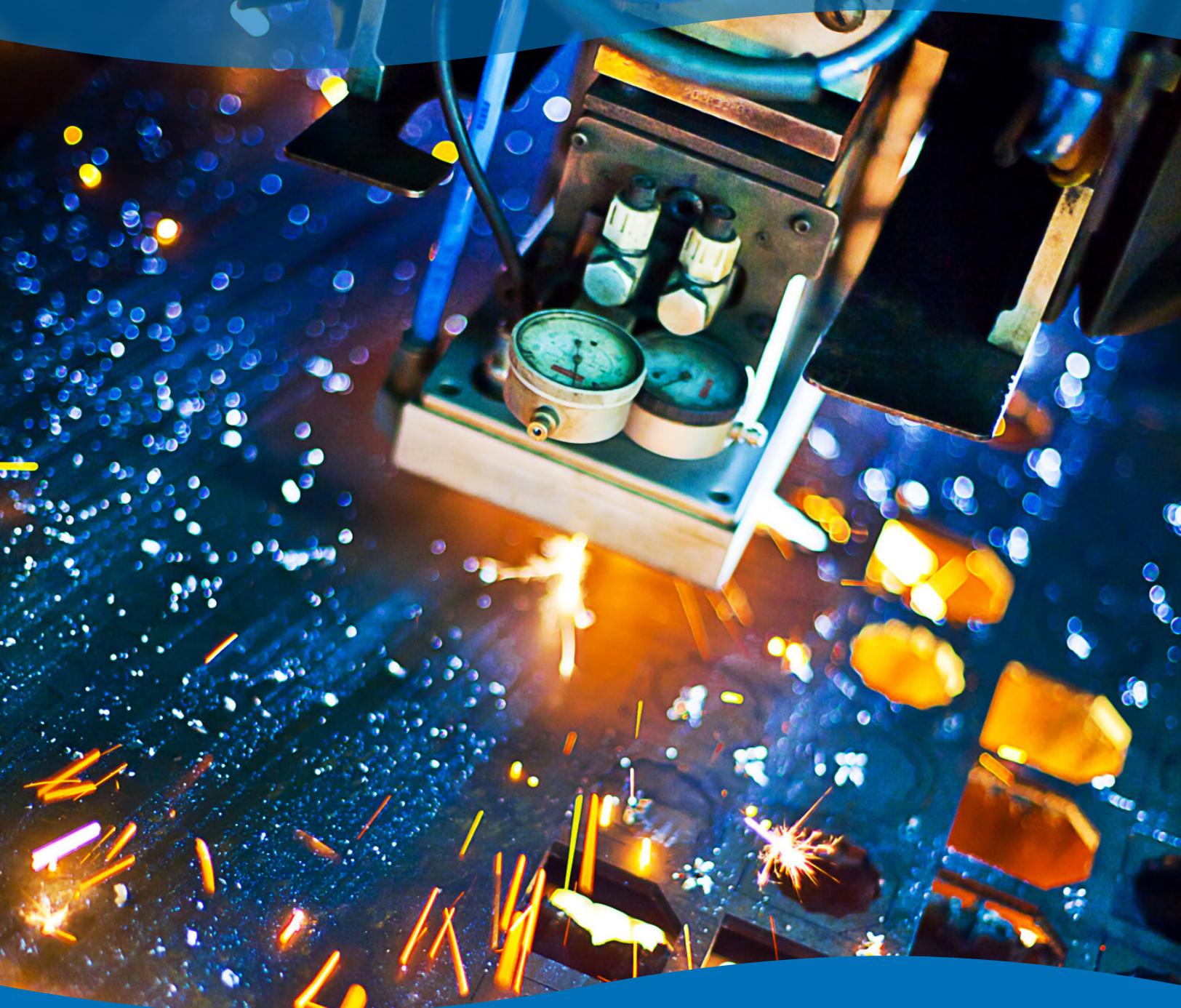


Field Evaluation Services Newsletter



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- Expert OfThe Month – Ivan Obelar
- Top Product Safety Recalls
- Electrical & Workplace Incidents



FEATURED EXPERT OF THE MONTH – IVAN OBELAR



Ivan has over 20 years of experience working for a number of Nationally Recognized Testing Laboratories (NRTL). His expertise includes technical writing, ITE and EMI filter certifications, factory inspections and field evaluation services. His project work includes control panels, switchboards, panel boards, luminaries, above and below ground fuel tanks, building products, roofing material, UL 50 and UL 50E enclosures, electric signs and lighting protections. Ivan also has experience with evaluation of large PVC extruding machines and electric motors/control panels in hazardous locations.

“One of the most interesting recent projects I’ve done while here at TUV Rheinland was a 3D Metal Printer. The machine utilizes Class 4 lasers to Selective Laser Melting (SLM) as it is known in the industry. In this process, the powder metal is fully melted into a homogeneous mass. The metal powder is layered and each layer is melted, then, another layer of powder is placed down building up a part vertical direction.

The equipment may have an integral industrial panel for controlling the blower motors, vacuum motors that layer and supply the metal powder. One challenge is determining responsibilities for Class 4 lasers in the US, and obtaining a CDRH Report. With the Additive Manufacturing Process growing very rapidly, there is a tremendous growth potential for the need of Field Evaluations as at this point, there are no NRTL Listed 3D Metal Printers.”
Standards applied: ANSI/UL 508A, UL61010-1, NFPA 79, and NFPA 70 for installation.

Interested in learning more? [Check out Ivan’s webinar “3D/Additive Manufacturing Machinery Certification and Listing” here.](#)

Ivan’s advice to customers: “Just because you are using 12 V (AC or DC) or 24V (AC or DC) doesn’t always mean there is no fire and shock present. There must be a limitation to the current by a fuse (according to ANSI/UL 508A or NFPA 79) or using a Class 2 power supply source.”
Another common problem he sees is with the installation of Variable Frequency Drives: “Branch protection of Variable Frequency Drives needs be confirmed - In almost all the cases the manufacturer is requiring a specific fuse model and brand”.

Ivan Obelar is currently the Secretary for the IAEI Central Florida Division and active in the Division. Later this year, he will be Treasurer for the IAEI Central Florida Division.

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Top Product Safety Recalls



[La-Z-Boy Recalls Power Supplies Sold With Lift Chairs](#)



[Sony Expands Recall VAIO Laptop Battery Packs](#)



[Barnes & Noble Recalls Power Adapters Sold with NOOK Tablet 7](#)



[Walt Disney Recalls Mickey Mouse Nightlights](#)



[Curio Design Recalls Modular Lights and Bases](#)



[Big Game International recalls Shoreline Marine Liquid Electrical Tape](#)



[HP Expands Recall of Batteries for HP and Compaq Notebook Computers](#)



[Pulse Performance Recalls Children’s Electric Scooters](#)



Fire/Burn Hazard



Fall Hazard



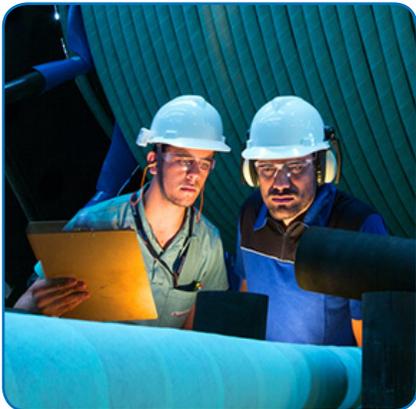
Shock Hazard

ELECTRICAL & WORKPLACE INCIDENTS

MORE ABOUT FIELD EVALUATION SERVICES



Click or Scan to find out more about Field Evaluation Services as well as helpful links to Federal regulations and OSHA requirements.



Secondary Electric Cables Are The Culprits In Downtown Brockton, MA Manhole Explosions

Recent House Fire On JBLM Base Caused By Incorrect Wiring

Report: Cause Undetermined In Second VPG Plant Explosion That Injured 2 In Bonham, TX

Manhole Explosion Causes Power Outages In Meriden, CT

Western Kentucky Lineman, Father Of 2 Dies Days After Being Electrocuted



The 50 Most-fined Companies For Hazardous Workplace Conditions

VA Man Electrocuted In Work Accident Remembered As "Jack Of All Trades"

MO Contractor Found Guilty Of OSHA Violation In Worker Death, Faces \$500K Fine

Explosion Shuts Down Pittsburg Power Plant

Electrical Shock Leaves Man Hanging On Side Of House



Lakewood NJ PD: Victim Burned In Reported Electrical Box Explosion

It Was 'Like A Bomb' Had Exploded In Downtown Brockton, MA

Electrical Cable Thief Dies In Fireball After Explosion

Electrical Appliance May Have Caused Bus Garage Explosion Rochester, MN

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