
Jared Weber | Mechanical / Nuclear Engineer, P.E., P.Eng., PSP

129 McCarrell Lane Zelienople, PA 16063

724-473-0515

Jared.Weber@efiglobal.com

Professional Summary:

Mr. Weber has eleven (11) years of engineering experience in support of various commercial industries.

- Forensic Engineering, Mechanical System Failure Cause and Origin, HVAC, Piping
- Vehicle Accident Analysis and Reconstruction
- Fire Investigations Related to Mechanical Ignition Sources
- Fluid Power Systems; Lean Manufacturing
- Commercial and Residential Real Estate Losses
- Instrumentation and Control System Design and Testing
- Physical Security System Design, Implementation and Operations
- Equipment Qualification and Testing, Environmental and Seismic

Licenses and Certifications:

Professional Engineer, Pennsylvania, PE082263

Professional Engineer, Ohio, 80591

Professional Engineer, West Virginia, 21094

Professional Engineer, Maryland, 46369

Professional Engineer, Georgia, PE039684

Professional Engineer, Michigan, 6201061743

Professional Engineer, Mississippi, 25993

Professional Engineer, South Carolina, 32137

Professional Engineer, Wisconsin, 44085

Professional Engineer, Tennessee, 118636

Professional Engineer, Maine, 14098

Professional Engineer, Delaware, 20498

Professional Engineer, Idaho, 16656

Professional Engineer, Minnesota, 53290

Professional Engineer, Kentucky, 33998

Professional Engineer, Saskatchewan, Canada, 32240

Professional Engineer, Alberta, Canada, 235086

Professional Engineer, Ontario, Canada, 100503638

Professional Engineer, New Brunswick, Canada, L5886

Professional Engineer, Nova Scotia, Canada, 12323

American Society for Industrial Security (ASIS), Physical Security Professional (PSP)

Project Experience:

Weber Engineering (Mars, PA)

President and Chief Engineer

Design of instrumentation and test panel for pneumatic rotary actuator – to include torque, rotation, and pressure parameters. Lean manufacturing oversight and advisement. General mechanical consulting for fluid power systems.

Analysis and approval of mechanical drawings / code compliance for multiple local restaurant/pubs.

Westinghouse Electric Company (Cranberry Township, PA)

Consultant / Engineer

Test Lead for AP1000 Protection and Safety Monitoring System – both US and China projects.

Provide senior technical oversight and leadership to a team of 35 I&C engineers. Assist with channel and system-level integration test configurations, troubleshooting, and documentation delivery. Design and procurement of physical security systems and commodities. Cyber security; vulnerability assessments of critical digital assets.

Clark Testing (Jefferson Hills, PA)

Dynamics Laboratory / Engineering Manager

Responsible for the cognizant oversight of all engineering project work in the \$3.5M business unit. Lead 14 direct-report employees, engineers and technicians. Ensure adherence to ASME NQA-1 / 10 CFR 50, App. B quality programs.

Professional Experience:

EFI Global, Forensic Engineer – Mechanical, 2015-2018

Westinghouse Electric Company, Consultant / Principal Engineer, 2014-2018

Clark Testing, Dynamics Laboratory / Engineering Manager, 2012-2014

Westinghouse Electric Company, Engineer, 2009-2012

Pennsylvania Army National Guard, Captain (O-3), 2009-2017

Education:

Master of Engineering, Nuclear Engineering, Pennsylvania State University, December 2014

Bachelor of Science, Mechanical Engineering, Virginia Military Institute, 2009

Affiliations:

American Society of Mechanical Engineers (ASME)

Institute for Electrical and Electronics Engineers (IEEE)

American Nuclear Society (ANS)