

Credentials

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**Blaster**  
Pennsylvania

**Professional Engineer (pending)**  
Pennsylvania                      Arizona

**Engineer in Training**  
Pennsylvania

**Contractor**  
Arizona

Education

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Explosive Ordnance Disposal, U.S. Marine Corps  
Advanced Explosives & Atomic Demolition Training, U.S. Army  
Structural/Mining Engineering, Pennsylvania State University  
Civil/Explosives Engineering, University of Virginia

Professional Associations

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Pennsylvania Society of Professional Engineers  
American Subcontractors Association of Central Pennsylvania  
Lehigh Valley Engineers Council  
Lehigh Valley Associated Builders & Contractors  
Pennsylvania Groundwater Association  
American Subcontractors Association of Phoenix, Arizona  
Arizona Society of professional Engineers  
Bethlehem, Pennsylvania Chamber of Commerce  
Phoenix, Arizona Chamber of Commerce

Areas of Concentration

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Blasting design, procedures & safety  
Building inspection  
Construction  
Demolition

Structural inspections  
Seismographic monitoring  
Wellwater testing  
Noise measurement

## Professional Experience

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### **Institute for Products, Engineering & Construction** **2000 to Present**

Forensic Consulting services for attorneys and insurance companies in the field of blasting for construction and explosive demolition, with a focus on safety and the avoidance of negative impact on the environment and surrounding property.

### **Blasting Consultant** **1992 to Present**

Perform services on a variety of construction projects for various clients. Duties include blasting consulting, pre and post blasting inspection, seismographic services and water testing.

### **Blaster** **1988 - 1992**

Served as blaster and blasting consultant with maurer & Scott Sales, D & L Contractors and A-1 Drilling & Blasting. Projects involved blasting in diverse circumstances, including under high voltage power lines, adjacent to gas lines, for mining and construction of site improvements, basements and underground utilities.

### **Hooper Homes** **1982 - 1988**

Building and Construction inspector for 14 counties, local municipalities, state and federal agencies including Veterans Administration, Federal Housing Administration and various lending institutions.

### **United States Marine Corps & United States Army** **1977 - 1982**

Served in Explosive Ordnance Disposal with 22<sup>nd</sup> Force Recon Battalion of 2<sup>nd</sup> Marine Division. Served on construction projects with Navy Construction Battalion, Marine 2<sup>nd</sup> and 3<sup>rd</sup> Divisions and Army 275<sup>th</sup> Engineering Battalion.