

**KURT E. GLEASON
EXPLOSIVE ENGINEERING
MINING & CONSTRUCTION BLASTING EXPERT
ROCK MANAGEMENT SERVICES, LLC
March 15, 2023**

PERSONAL: 1212 Sival Road NW, Ramsey, IN 47166
Cell #: (502) 817-4586
Email: gleasonkurt@aol.com
Website: www.blastingexplosives.com

PROFESSION: Mining/Construction Blasting; Explosive Engineering;
Blasting Consulting; Claims Investigation; Expert Witness

EDUCATION: BS Construction Engineering (Civil) 1985, Purdue University
Associates in Applied Science Building Construction Technology
1983, Purdue University

LICENSES/PERMITS: ATF License Number (18 U.S.C. Chapter 40) 4-IN-061-33-0C-00812
KY Permit to Purchase or Receive Explosives (Renewed Annually)
IN Regulated Explosive Use - Operator PSID # 8186-6097
IN Regulated Explosive Use - Blaster PSID # 8186-6097
DMRE Explosives and Blasting Branch - KY Blasters License #9869

CERTIFICATION: MSHA Miner ID: MIIN – M70515220
Office of Surface Mining Blaster Certificate# OSM-942-0066
IN Dept. of Natural Resources Certification #660
Seismograph Operation Certification - Nomis Digital Seismographs
E.I.T. Certification, Indiana No. 86850

**EXPLOSIVE FIELDS
OF EXPERIENCE:** Multi-disciplined including surface, underground and under water
blasting; Controlled blasting techniques including Line drilling,
pre-splitting and cushion blasting; Specific blasting experience
including non-metal/coal surface mining, highway construction,
municipal projects, commercial and private development site work,
“close-in” urban blasting, structural demolition, shaft sinking,
tunnel and trench blasting.

**SPECIALIZED
SERVICES:** Rotary-percussion track drill operation; Electric / non-electric
detonation systems and sequential blasting techniques; Blasting
plan preparation and implementation; Blast design optimization and
peak particle velocity prediction; Post blast particle velocity and air-
over-pressure analysis; Blasting claim investigation and mediation.

**LITIGATIVE
SUPPORT:** Expert witness litigation support and testimony involving subrogation
actions, binding arbitration, blasting damage (due to transient
vibration and flyrock), bodily injury and fatalities.

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RELATED EXPERIENCE: 2006 to Present - Blasting Consultant, Commercial Blasting Expert, Expert Witness Rock Management Services, LLC (Ramsey, IN) - Blasting Consulting experience includes quantity surveys and final quantity verification; blast plan preparation/presentation; blast design/blast optimization; vibration & air overpressure analysis; blasting claim investigations; blaster training and blast site management. Commercial Blasting experience includes controlled blasting for commercial construction operations; lift blasting for pit excavation; establishment of non-metal surface mining operations; provision of quarry blasting services. Litigation experience includes commercial blasting disputes; surety bond related actions; subrogation claims; binding arbitration; damage, injury and fatality related actions. Additional experience includes deposition; forensic analysis of blasting data during discovery; rendering of expert opinions; and trial testimony.

Blasting Claims & Litigative support services have been provided for cases in the following States:

- Alabama
- Florida
- Georgia
- Idaho
- Indiana
- Iowa
- Kentucky
- New York
- Pennsylvania
- Rhode Island
- Tennessee
- Vermont
- West Virginia
- Washington

2003 to 2010 - Vice President, Operations/ Manager of Projects, Impact Drilling & Blasting, Inc. (Charlestown, IN) - Responsible for all estimating, bidding and management of mining and commercial blasting services. Projects types included non-metal surface mining, highway, municipal, institutional and private development.

2000 to 2003 - Explosive Engineer, HTA Enterprises, Inc. (Louisville, KY) Responsible for estimating, bidding and execution of projects involving "Precision Blasting"; specialized blasting projects perform in close proximity (less than 25') to existing structures. Resume submitted and accepted by the Corps of Engineer, as Blaster-in Charge, for the "Lock Replacement Project" at the McAlpine Lock & Dam in Louisville, KY.

1996 to 2000 - General Blasting Superintendent/ Estimator Impact Drilling & Blasting, Inc. (Charlestown, IN) - Responsible for estimating, bidding and on-site field supervision of projects involving mining and commercial blasting services. Projects included highway construction, non-metal surface mining, private developments and site utility trench blasting.

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1982 - (Summer Co-op) Laborer, Affholder, Inc. (Bessemer, AL), Responsibilities included jack-leg drill operation, coating and installation of liner plates and other duties associated with the drilling, blasting and lining of a 96" diameter tunnel.

1981 - (Summer Co-op) Equipment Operator/ Driller/ Powderman, Flynn Contracting (Jasper, IN), Responsibilities included drill operation and loading of explosives; excavating and spoiling of blasted overburden; mining, crushing and load out of the extracted coal seam.

1979 to 1980 - Driller/ Powderman, Croker-Gleason, Inc. (Louisville, KY), Responsibilities included drilling, loading and detonation of explosives. Member of the blasting crew. Projects included blasting for the construction of an earth core dam and associated spillway - Bear Grass Creek Flood Mitigation Project.

1972 to 1978 - Driller/ Powderman, Blasting Supplies, Inc. (Georgetown, IN), Part-time employment in the family business with responsibilities including assisting with explosive deliveries, explosive inventorying, drill operation and shot service on non-metal mining and commercial blasting operations.

OTHER EXPERIENCE:

1992 to 1996 - Project Manager/ Estimator, H&H Systems and Design, Inc. (New Albany, IN), Responsible for estimating, bidding and managing projects involving the installation of medical diagnostic equipment (i.e., MRI, CT Scanners, X-Ray), in conjunction with the renovation of the associated medical facility, at multiple sites nationally.

1986 to 1992 - Cost Engineer/Project Controls/Construction Manager, Chemical & Industrial Engineering, Inc. (Louisville, KY), Responsible for estimating and scheduling of engineering, procurement and construction management services for Petrochemical and Food Processing design/build projects.

1983 to 1986 - Teaching Assistant, Purdue University (West Lafayette, IN), Classroom monitoring of concrete formwork static and dynamic design instruction, grading of assignments, testing and tutoring services.

1984 - (Summer Co-op) Assistant Construction Inspector, Grissom AFB Peru, IN U.S. Army Corps of Engineers (Louisville District), Responsibilities included daily on-site inspections, of multiple construction projects, to assure adherence to approved submittals and contract specifications.

1983 - (Summer Co-op) Project Engineer, Affholder, Inc. (Chesterfield, MO), Responsibilities included the inspection of sewer systems, including manhole invert elevation verification, prior to relining (insitu-form).

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PAST AND PRESENT

SOCIETY MEMBERSHIPS: **International Society of Explosive Engineers - Member # 9900001**
 American Association of Cost Engineers

PROFFESIONAL
ACTIVITIES:

March 2023 – Approved as an instructor for Kentucky blaster retraining and initial training.

December 2018 – Presenter at the 45th annual Kentucky Blasting Conference. The topic was “Flyrock – Damage, Injuries and Fatalities”.

December 2015 – Presenter at the Indiana Society of Mining and Reclamation Blaster Retraining Workshop

December 2011 – Presenter at Kentuckiana Seismic and Survey, Inc., providing instruction on field procedures and documentation standards required to prepare quality pre-blast survey reports

January 2009 – Presenter for the topic of explosive safety during the MSHA Part 46 retraining of non-metal mining personnel in Harrison Co., IN

December 2008 – Presenter at the 35th annual Kentucky Blasting Conference. The topic was “Establishing a Safe Blast Site”.

January 2008 – Instructor Certification from the Kentucky Division of Explosives and Blasting.

June 2002 – Successful completion of the Corps of Engineers training course “Construction Quality Management for Contractors Certification”.

February 2001 – Successful completion of training for the use of Quest Estimating digitizing software.

March 2000 – Successful completion of the operational training course for Nomis digital seismographs.

September 1995 – Guest lecturer for the incoming Building Construction Technology freshman class at Purdue University.

July 1990 – Successfully completed the PMCI training program, in planning and controlling projects, using Primavera project management software.

May 1989 – Successfully completed the International School of Construction Estimating course in construction cost estimating.

REFERENCES:

George A. LaMarca
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