

BLASTERS

annual training seminar

January 3 - 5, 2018

Embassy Suites | St. Charles, Missouri

Good for full and refresher training for license renewal. **Enroll Now!**

Register online – **BLASTERS.MST.EDU**

Call 573-341-6222 to register by phone.

Do you need a Blasters' License

or a refresher course?

Now's a great time to take the Blasters Training Seminar. Enroll in a three-day course to prepare for your State Blasting Certification or a one-day course for renewal. Training is good for one year before renewal of license and may be made six months in advance of deadline. You will learn about updates on new products, blasting techniques and regulations.

Full Three-Day Seminar – \$695 Fee

(\$645 fee for MLPA and ISEE members)

Earn 20 PDHs, equivalent to 2.0 CEUs.

Full seminar is great for basic blasters training.

One-Day Refresher Course – \$295 Fee

Choose the day you want to attend (Wed/Thurs/Fri)

Earn 8.0 Professional Development Hours (PDHs),

equivalent to 0.8 Continuing Education Units (CEUs).

Seminar Course Content

Selecting Explosives

Blast Designs

Initiation Systems and

Blasting Machines

Loading Blast Holes

Blasting Vibrations

and Airblast

Secondary Blasting

Applications

Federal and State Laws

and Regulations

Blast Records

Schedules

Preblast Surveys

Blast Plan Requirements

Signs, Warning Signals

and Site Control

Unpredictable Hazards



Dr. Paul Worsley

Professor of Mining Engineering

Missouri University of Science and Technology

Course Director

Dr. Worsley has over 35 years of explosives and blasting experience and has been involved in blasting training for over 25 years. He has been on numerous programs such as TLC, Discovery and History channels, and *National Geographic* highlighting explosives, blasting and demolition and co-hosted *The Detonators*, a series on Discovery.

Dr. Worsley is responsible for the first Explosives Engineering master's and PhD degree program in the nation. He has over 200 publications and has taught over 75 short courses on blasting throughout the world, consults in the field of blasting and holds blasters licence #2 in Missouri.

At Missouri S&T, Dr. Worsley's work has included blast casting, underground tunnel blasting, perimeter blasting, high speed video analysis of blasts, the development of a blast plug, fuse design, and explosive testing and formulation.

He holds a master's in rock mechanics and excavation engineering and a doctorate in mining engineering from the University of Newcastle-upon-Tyne in England.

For technical information regarding this seminar, contact Dr. Worsley at 573-341-4317 or email pworsley@mst.edu.

This seminar is approved by the State of Missouri and fulfills the training requirement portion of the State Blasters licensing.

For more information or to register online —
blasters.mst.edu Call 573-341-6222 to register by phone.

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S&T