



Lead Lines



Eastern Pennsylvania Chapter
International Society of Explosives Engineers
www.easternpaisee.com

Volume 26 Number 4

Fall 2019

The Eastern PA ISEE welcomes requests for topics, and invites readers' letters and other contributions that relate to drilling, blasting, seismology and explosives engineering.

Executive Committee

Scott Mueller, President

215-518-9833

Ethan Huff, Vice President

570-455-5861

Ethan Huff, Treasurer

570-455-5861

John Benedict, Secretary

484-626-2789

Board of Directors

Chris Balshi 610-282-8900

Ron Eichler 410-671-6700

Don Haney 570-729-0405

Dave Harrison 724-449-6250

Danny Ray Leach 717-574-4024

Justin Smith 610-926-7070

Doug Rudenko 570-455-5861

Rusty Taft 814-766-2211

Matt Tomlin 610-965-2444

Regulatory Committee

John Benedict

Program Committee

Danny Ray Leach

Training Committee

Dave Harrison

Membership Committee

Doug Rudenko

Newsletter Editor/Webmaster

Kristin Klemish



Clay Shoot & BBQ

Thursday, October 24, 2019

11:30am - 5:30pm

Lehigh Valley Sporting Clays

2750 Limestone St., Coplay, PA

**Prizes
Awarded!**

Gun Raffle!

**Sign up individually or register
your team of 4 today!**

The event is FREE for Members or \$35 for Non-Members

Lead Lines



Letter from The President

Dear Members,

As we enter Fall, I want to remind everyone of some exciting Chapter events taking place over the next two months.

First up is our 3rd annual Clay Shoot & BBQ on Thursday, October 24th. The day includes a BBQ lunch and an 8 station course at the Lehigh Valley Sporting Clays. Prizes will be awarded for the top three shooters and Lewis class shooter placements. We will also have a gun raffle at the event where you can take a chance at winning a Weatherby shot gun. Best of all – the event is free for members. Non-members just need to pay for their 2020 Chapter membership to participate.

Coming up in November is the Nineteenth Pennsylvania Drilling and Blasting Conference on November 14-15. The conference will cover new products and equipment, recent developments in blasting practice, safety, improved fragmentation, vibration control, and changes in regulations. Exhibit space is still available, but is filling up fast. Registration is now open. Continuing education hours are available, but everyone seeking hours must fill out and turn in a session attendance verification form. The form will be available at the check-in desk and codes for the form will be announced during each session. Certificates will be sent out via email to attendees based on the number of sessions they attended.

Finally, I want to send out a big thank you to Mr. John Brulia who recently made a contribution to the Eastern PA Chapter Scholarship Fund of the SEE Education Foundation. Mr. Brulia is a founding member of the Eastern Pennsylvania Chapter and his continued support is appreciated!

Best regards,

Scott





Eastern Pennsylvania Chapter Clay Shoot & BBQ

On Thursday, October 24th the Eastern Pennsylvania Chapter will host it's third annual Clay Shoot and BBQ.

Join us at 11:30am for a BBQ lunch followed by a mandatory 12:30pm safety class and 1pm start at the Lehigh Valley Sporting Clays course in Coplay, PA.

The event is FREE for members. Non-members will be charged \$35 for a 2020 Chapter Membership. Registration includes a BBQ lunch, 8 station course with 50 rounds, and friendly competition. Ear protection is provided. You are encouraged to bring eye protection or purchase glasses for \$10.00. Prizes will be awarded for the top three shooters as well as Lewis class shooter placements. And we will again have a raffle for a Weatherby Shot Gun.

If you are interested in registering, please complete the attached form on page 4. We also have station sponsorship opportunities available.

BBQ Sponsor: Austin Powder Co.

Ammo Sponsor: Maxam

Gun Raffle Sponsor: Rocky Rift Consulting

Station Sponsors & Raffle Prize Donations:

Blasters Tool & Supply Company

Dimension Supply, Inc. * Dyno Nobel

East West Drilling, Inc.

EPIROC * Independent Explosives

International Society of Explosives Engineers

Kemek, LLC * Keystone Drill Services Inc.

Lancer Insurance Company * Maurer & Scott

NOMIS Seismographs LLC * REICHdrill LLC

Sandvik * Sauls Seismic * Stemlock, Inc.

Texas AGA, a division of Marsh USA, Inc.

Vibra-Tech Engineers, Inc. * Wampum Hardware Company



SAVE THE DATE!
2020 Clay Shoot & BBQ
May 22, 2020

Eastern Pennsylvania Chapter Clay Shoot & BBQ



Thursday, October 24, 2019

FREE for Members

\$35 for Non-Members

11:30am - 5:30pm

Lehigh Valley Sporting Clays

2750 Limestone St., Coplay, PA

Name_____

Company_____

Address_____

Phone_____ Fax_____

Email_____

Deadline to register is Thursday, October 17, 2019

Your registration includes a BBQ lunch, 8 station course with 50 rounds and a golf cart per team of 4. Ear protection is provided. You are encouraged to bring eye protection or purchase glasses for \$10.00.

You can bring your own gun and ammo (7.5-9 lead shot only).

Prizes will be awarded!

The event is FREE for Members.

Non-Members will be charged \$35 for a 2020 Chapter Membership.

Non-members - please complete the membership form on page 17 and this registration form to sign-up.

Send to:

Eastern PA Chapter I.S.E.E.

Ethan Huff

c/o Vibra-Tech Engineers, Inc.

109 East First Street, Hazleton, PA 18201

ethanh@vibratechinc.com

Eastern Pennsylvania Chapter Clay Shoot & BBQ



Sponsorship Commitment Form

☐

Clay Shoot Station Sponsor for \$250

Your company logo will appear on station sign

Contact Person _____

Company _____

Address _____

Phone _____ Email _____

Please complete this form and email/fax it to Ethan Huff
Email address: ethanh@vibratechinc.com Fax: 570-455-0626

Payment can be made by credit card or check. Please select your payment option.

☐ Credit Card - An invoice will be sent via email to the address listed above
(please make sure your email is clearly printed and accurate)

☐ Check - Please make checks payable to **Eastern PA Chapter I.S.E.E.**

Send to: Ethan Huff, c/o Vibra-Tech Engineers, Inc.
109 East First Street, Hazleton, PA 18201

HAYDUK ENTERPRISES, INC.

1-800-542-5352
BLASTING AND DRILLING
JACOB HAYDUK

257 Riverside Drive
Factoryville, PA 18419

Local: (570) 945-3242
Cell: (570) 903-1597
Fax: (570) 945-5627

e-mail: jacobhayduk@outlook.com



James M. Miller

J.M. Miller, Inc.
www.jmmillerinc.com

301 Airport Road
Indiana, PA 15701

(724) 349-8850 phone
(724) 349-8852 fax
(724) 388-7505 cell

jmillier@jmmillerinc.com



Register Today!

The Nineteenth Pennsylvania Drilling and Blasting Conference

November 14-15, 2019

The Penn Stater Conference Center Hotel
State College, Pennsylvania



Conference Themes

The conference is for underground and surface drillers and blasters, engineers, safety personnel, construction professionals, suppliers, and regulatory personnel. Two years ago, 350 practitioners and 58 exhibitors came together to discover new approaches related to the industry, and other professionals associated with drilling, blasting, and explosives. The conference will cover new products and equipment, recent developments in blasting practice, safety, improved fragmentation, vibration control, and changes in regulations.

Continuing Education Hours Available

Everyone seeking continuing education hours must fill out and turn in a Session Attendance Verification Form. This form is available at the on-site conference check-in desk. Codes for the form will be announced during sessions. In order to receive CEU hours, participants must write the session code on the form and turn in the completed form at the conference registration desk prior to departing the conference on the last day of attendance. Following the conference, CEU Certificates will be sent via email to attendants based on the number of sessions attended – as verified by the codes on the respective session verification form.

For more information or to register, please visit the conference website at
<https://blasting.outreach.psu.edu/>.



SafetyTalk

The Journal of Explosives Engineering



In Case of Emergency (ICE)

by Paul Downing

July/August 2019

The last thing anyone wants to think about is the possibility of being seriously injured in an accident. But, take a moment to consider if you were rendered unable to communicate as a result of an accident or other emergency. How would authorities or emergency personnel notify your loved ones?

I was actually under the impression that I had taken the steps necessary for authorities to contact family members by entering my wife's phone number in my mobile phone's contact list under the name "ICE." ICE stands for "in case of emergency." Then, someone reminded me that if I lock my phone with a passcode for security purposes, that ICE contact list entry is unavailable to others.

So, I set out to see how I could make the information accessible. Of course, I turned to where we

all do now when we have a question or need information: Google. A search produced a vast array of articles and YouTube videos on adding ICE to smartphones so that someone can see emergency contact information without having to unlock your phone. Here are a few different ways to add ICE to your mobile phone:

Continued page 9



KEYSTONE DRILL SERVICES INC.

YOUR ONE STOP SHOP

- Oil & Gas
- Mining & Aggregate
- Construction & Foundation
- Waterwell & Exploration

Somerset, PA • Punxsutawney, PA • Norwich, OH

keystonedrill.com • sales@keystonedrill.com

Epiroc (800) 221-0586 DOOSAN



Terra-Mechanics, Inc.

Dave O'Brien
Area Manager

P.O. Box 5137
Limerick, PA 19468

Phone: 610-970-6950
www.Terra-Mechanics.com

E-mail: Dave.Obrien@Terra-Mechanics.com

I need to....

Keep my team safe

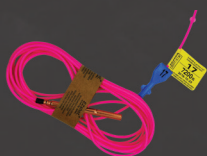
Exceed my advancement target

Maintain perimeter accuracy

Minimize overbreak

Reduce impact on the environment

And a few other things I'm sure I'm forgetting



Introducing EZshot™ — the ease of NONEL®, precision of electronics and unsurpassed safety of Dyno Nobel. Now, there's less to think about.

EZshot[®]
driven by **NONEL**

DYNO[®]
Dyno Nobel



ICE Continued

ICE on iPhone

If you have an iPhone, you can add emergency contact and medical information by using the Health app. This Apple app, which appears as a white square with a red heart on the home screen, comes preinstalled on the phone. After opening the app and following a couple of prompts, you can add contact and important medical information, and enable that information to be available when the phone is locked. Once set up, you should see “Emergency” on the passcode screen. Press it, and a new screen appears with a number keypad to dial, as well as “Medical ID” in the bottom left. Press Medical ID, and you’ll see your information appear along with a phone icon that, when pressed, will automatically dial your ICE contact.

ICE on Android

If you use an Android phone, the process will depend upon which device and version of software you’re running. You may have an emergency contact feature in your phone’s settings. There are also numerous apps for adding ICE information in the Google Play store, but be sure to select one that allows the information to be accessible from a locked screen.

Continued page 11



Meeting the equipment needs of the mining and construction industries in Pennsylvania.



HCR1100-ED ► HCR1100-ER ► HCR1450-EDII ► HCR1800-EDII ► DCR22 DTH

Furukawa Rock Drills provide the ultimate combination of performance and economy. Built tough, our Top Hammer, DTH and Pneumatic Drills are equipped with features that maximize efficiency to assure high-performance at a low operating cost.

To learn more, visit us online at www.FRDUSA.com or call **800.527.2282**.



Contact EAST WEST Drilling for information on FRD drills:

Tony Morell

Eastern PA Sales Rep
570.780.9325

Reggie Keller

Western PA, OH, MD, Northern VA and Washington D.C. Sales Rep
570.217.7636



Scan this code for more information on FRD USA.

An aerial photograph of a city, likely San Francisco, with a large, deep crater in the foreground. The crater is filled with a large plume of dust and debris, suggesting a recent explosion or collapse. A car is visible on the right side of the image, near the edge of the crater. The city is densely packed with buildings and trees, and the background shows a hilly landscape.

**YOU CAN'T MANAGE
WHAT YOU DON'T MEASURE.**

GeoSonics  Vibra-Tech

VIBRATION

GEOTECHNICAL

NOISE

AIR QUALITY

ENVIRONMENTAL

GeoSonics/Vibra-Tech provides expert monitoring and consulting services to help mitigate risk. Our Re:remote Monitoring Technology continuously collects and posts to a customized website, while keeping personnel notified through email and text alerts, so your data is always at your fingertips.

geosonicsvibratech.com



ICE Continued

Other Ways to Have ICE on Hand

While researching information and presenting the topic of ICE at a regional training conference recently, a couple of scenarios and solutions were identified that are worth mentioning:

No Cell Phone

There may be occasions when you're not carrying your cell phone. Perhaps it was lost or forgotten. That emergency contact card that came with the wallet you bought 20 years ago would be quite useful in these situations. However, it's important to keep the information it contains up-to-date. When I checked the card in my own wallet, I was shocked to learn that it included the names of two people who were deceased and a phone number that was no longer valid.

Inaccessible Cell Phone

There may also be times when cell phones are inaccessible. I recall a paper presented at a conference that described such a situation. A bulk truck had caught fire on a mine site, and the blasting crew

Continued page 13

Mark Your Calendar!



**46TH ANNUAL CONFERENCE ON
EXPLOSIVES & BLASTING
TECHNIQUE**

JANUARY 26 – 29, 2020 DENVER, COLORADO USA

Hyatt Regency Denver

Learn. Connect. Exchange.

*Leading the explosives industry in
education, training and networking*

www.isee.org



Tel: (440) 349-4400 • meetings@isee.org

Register Now!

NOMIS SEISMOGRAPHS

Meeting Your Seismographs Needs for Over 35 Years



The Mini-SuperGraph II

- Sample rates up to 16k
- USB connectivity for your downloading ease
- Thumb drive capability with synchronization

Now Available with GPS

Internal GPS eliminates the need for additional equipment while automating the location process. The latitude and longitude coordinates with UTC time are within the event.



Easily view your location in Google



We provide everything needed for remote monitoring including but not limited to modems and security boxes.

Ask us about

NOMIS
Complete
Cloud Services

We have agents around the world to assist you. Consult our website or contact us directly to find the best fit for you.

sales@nomis.com

www.nomis.com

support@nomis.com

1-800-749-2477

Rock Solid Machines Made in Birmingham, Alabama U.S.A. with Pride and Expertise **Unshakeable Service**

ICE Continued

immediately evacuated the area. As part of company protocol, cell phones and company radios had been stored in the cab of the truck while the shot was being loaded. While the crew, office and plant workers safely evacuated the site, emergency contact information was either in the flaming truck or in a file in the evacuated and locked office. Fortunately, in this case, the company's emergency procedures worked in getting everyone safely out of the area. However, the notification system failed. One solution for workers and companies to consider for such situations is a sticker containing emergency contact information that can be placed inside each employee's hard hat.

Emergency Contact Information (ICE) Programs

As a result of the difficulty in locating family members of accident victims, a number of states including Colorado, Florida, Illinois, Kentucky, New Jersey, Ohio, Pennsylvania, South Carolina, Tennessee, and Virginia have implemented Emergency Contact Information (ECI) Programs, which work by connecting emergency contact information to drivers licenses. Individuals can voluntarily register and update their information, and the information can only be accessed by law enforcement and only in the event of an emergency. Contact your state's driver's license issuing authority to see if an ECI program is available in your state.

Continued page 14



Jim Crawford PA
Drill Accessories
443-695-3949

Craig Mooney VA-
MD Drill Accessories
443-695-3945

Ron Eichler
Equipment Sales/
Rentals

865-469-7315



ICE Continued

How Companies Can Help

It's not unusual for employees in the commercial explosives industry to work alone in a company vehicle. If that employee were to be found unresponsive, emergency personnel may call the company whose name is on the side of the vehicle. Would your company's management be able to provide accurate emergency contact information promptly?

While the typical job application has a space for emergency contact information, it may be years since that application was completed, and the emergency contacts and phone numbers on it may no longer be valid. Companies should consider implementing a procedure to update the emergency contact information on an annual basis at a minimum. Furthermore, if your company is utilizing a third-party compliance service, those applications may not even be on site. In such cases, companies may consider maintaining an emergency contact information list in the office, making sure that it is readily available to management personnel at all times. One Nobel customer has his employees take a screen shot of the emergency contact information on their cell phones and email it to him, so he has the most current ICE information for each of his employees.

Continued page 15

**reichdrill**
EUROFORGROUP

QUALITY
DRILLING
EQUIPMENT

Mark Johnson
Vice President Sales/Business Development

U.S. Corporate Office:
99 Troy Hawk Run Hwy.
Phillipsburg, PA 16866
www.reichdrill.com


Ph: 814-342-5500
Fax: 814-342-1135
Cell: 814-777-2822
Email: mjohnson@reichdrill.com



Ed Ciocco
Account Manager

eciocco@iexpSCO.com

2700 W. Center Street • Tremont, PA 17981
Cell 484.614.9313

**MAURER & SCOTT**

**MAURER & SCOTT
SALES, INC.**

122 E. Thomas Street
Coopersburg, PA 18036-2100

Office 610-282-8900
Fax 610-282-9800
Email: info@maurer-scott.com

Rocky Rift Consulting, Inc.

- Pre-Post Conditional Inspections
- Seismic Monitoring
- Damage Claim Investigation
- MSHA Training
- Blasting/Utility Inspector



DON HANEY
966 Calkins Road
Milanville, PA 18443

(570) 729-0405
Cell (570) 656-2273
dlhaney@ptd.net



ICE Continued

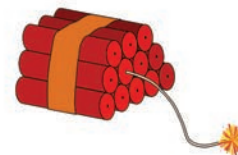
Undoubtedly, the updating of emergency contact information makes a great topic for a corporate safety meeting about crisis management or emergency preparedness. As a take-away, you may consider providing a list of YouTube video links to your employees so each person can update their phone and take the information home to share with their family. And, remember those wallet cards I talked about earlier? Companies might want to provide some cards to employees and their family members and have them laminated for durability.

Don't Wait Until It's Too Late

Like any emergency situation, you may not think how important it is to be prepared until it's too late. It only takes a few minutes to properly set up emergency contact information, yet it may save individuals and their loved ones hours of anguish in the event of an emergency. Besides, a family member or friend is often one of the best resources for learning about a patient's medical history, so having emergency contact information readily available to emergency personnel can enhance the success of their medical treatment.

Explosives Insurance

- Exclusive Program for over 25 years
- Dedicated Explosives Service Team
- Over 200 Explosives Clients
- In House Claim Specialist



Call us for a complete insurance review 800-980-9484

Billy Bangs ext 51742
bbangs@aga-us.com

Jana Kostantewicz ext 51748
jkostantewicz@aga-us.com



A division of Marsh USA Inc.

NOBEL INSURANCE SERVICES®

Insuring the Explosives Industry

Charlie M. Pollard
Marketing Director

122 WEST JOHN CARPENTER FREEWAY, SUITE 110, IRVING, TX 75039
TEL. (800) 766-6235 x4121 • (972) 644-0434 x4121 • FAX (972) 644-0424
cpollard@lancerinsurance.com • www.nobelinsurance.com
A Division of Lancer Insurance Company



Samuel Long
Territory Manager- US North

Orica USA, Inc.
7000 Stitzells Road
Greencastle Pennsylvania 17225
E-mail: samuel.long@orica.com
Cell +1-717-494-9934



Professional Development Workshop for Mine Supervisors, Competent Persons, and Safety Professionals

**September 18, 2019
POLYTECH Area School District Campus
Room 5810
Adult Education Conference Center
823 Walnut Shade Rd.
Woodside, DE 19980
8:30 a.m. – 4:00 p.m.**

8:30 a.m. – 9:30 a.m.
**Principles of Mine Safety Education
and Training**
Joseph Flick
Penn State Miner Training Program
University Park, PA

9:30 a.m. – 10:30 a.m.
MSHA Update and Fatality Review
William McDonald
Supervisor
MSHA, Kutztown Office
Kutztown, PA

Break 10:30 a.m. – 10:45 a.m.

10:45 a.m. – 11:45 a.m.
Silica Issues and Rulemaking in Mining
Michael Peelish, Esq.
Law Office of Adele L. Abrams, PC
Beltsville, MD

Lunch 11:45 a.m. -12:45 p.m.

12:45 p.m. – 1:45 p.m.
**Reducing Citations at Mining
Operations**
David Varney
Penn State Miner Training Program
University Park, PA

Break 1:45 p.m. – 2:00 p.m.

2:00 p.m. – 3:30 p.m.
**Roundtable Discussion: Accident
Prevention Techniques and Strategies**
Joseph Flick & David Varney
Penn State Miner Training Program
University Park, PA

3:30 p.m. – 4:00 p.m.
Wrap Up and Discussion

There is no charge for attending the program, but participants must register at our Miner Training Program website:

<http://sites.psu.edu/minertraining/delaware>

or call Abbey Rickert at: 814-865-7472 by September 12th.

Seats are limited.

Lunch will be provided.



2019 NEW MEMBERSHIP APPLICATION OR MEMBER RENEWAL FORM

Your support is appreciated!

Name (Please Print)_____ Date_____

Company Name_____

Mailing Address_____

City_____ State_____ Zip_____

Home Phone_____ Work Phone_____

Email Address_____

List Blaster Licenses Held_____ Are you a member of the I.S.E.E.?_____

Please select your membership type:

- ☐ **Individual** - Chapter dues are \$35.00 per year.
- ☐ **Deluxe Corporate Membership** - Dues are \$250.00 for up to 10 members plus a 1/2 page ad in the quarterly newsletter (\$180 value). Please provide members name and email address.
- ☐ **Corporate Membership** - Dues are \$150.00 for up to 5 members plus a business card ad in the quarterly newsletter (\$60 value). Please provide members name and email address.

I agree to comply with the Constitution, By-Laws and Regulations of the Chapter.

Signature of Applicant

Payment can be made by credit card or check. Please select your payment option.

- ☐ Credit Card - Visit the Chapter website to pay online (<http://www.easternpaisee.com/membership/>) or contact Ethan Huff to pay over the phone.
- ☐ Check - Please make checks payable to **Eastern PA Chapter I.S.E.E.**

Send to: Ethan Huff
c/o Vibra-Tech Engineers, Inc.
109 East First Street
Hazleton, PA 18201
ethanh@vibratechinc.com



Advertising 2019

Place your Ad!

Full Page (1 Issue)	\$100.00	Full Page (4 Issues)	\$300.00
1/2 Page (1 Issue)	\$60.00	1/2 Page (4 Issues)	\$180.00
1/4 Page (1 Issue)	\$35.00	1/4 Page (4 Issues)	\$110.00
Business Card (1 Issue)	\$20.00	Business Card (4 Issues)	\$60.00

Name _____ Date _____

Company _____

Address _____

Day Phone _____ Fax _____

Ad Size _____ No. Of Issues _____

Check enclosed in the amount of \$ _____

Payment can be made by credit card or check. Please select your payment option.

- ☐ Credit Card - Visit the Chapter website to pay online (<http://www.easternpaisee.com/advertise-with-us/>) or contact Ethan Huff to pay over the phone.
- ☐ Check - Please make checks payable to **Eastern PA Chapter I.S.E.E.**

Send to: Ethan Huff, c/o Vibra-Tech Engineers, Inc.
109 East First Street
Hazleton, PA 18201
ethanh@vibratechinc.com