

2021 KBC Program

Thursday, December 9, 2021

8:00 AM REGISTRATION BEGINS

EXHIBITS OPEN IN BALLROOM 2 AND 3

You will receive 1 hour towards your Kentucky Blaster License requirements by obtaining signatures from 4 exhibits. You are also required to ask each of the four exhibitors one question pertaining to their exhibit. Please write down the question and response in the fields below. If you need more space, use the back of this page.

	Exhibitor Company Name	Exhibitor Signature	Question and Answer
Exhibit 1			
Exhibit 2			
Exhibit 3			
Exhibit 4			

ROOM	Meeting Room 1	Meeting Room 3	Meeting Room 5	Meeting Room 7
SESSION	Underground	Construction / Quarries	General	Regulatory
CHAIR	Chip Davis	Brian Lewis	Tristan Worsey	Marty Brashear
8:30 AM	<i>Application of Chemically Sensitized Emulsion in an Underground Limestone Mine</i> Evan Hagenlock Austin Powder	<i>Unique Challenges and Lessons Learned at the KY Lock Project</i> Danny Conn Kesco	<i>De-Escalating Misfires</i> Evan Thibaud Pneu Wave	<i>KYDNR Regulatory Update</i> Marty Brashear KYDNR
9:30 AM	Break	Break	Break	Break
10:00 AM	<i>Underground Post Blast Analysis</i> Jim Winfield Austin Powder	<i>Drone Applications in Blasting</i> Brian Sandhaus Vulcan Materials	<i>Drill Guidance Systems</i> Steve McIntyre Fletcher	<i>The Ammonium Nitrate Explosion at the Port of Beirut</i> Josh Hoffman IME
11:00 AM	<i>Transitioning from Room and Pillar to Longhole Open Stopping</i> Matthew Harding Nyrstar	<i>Some Often Overlooked Facets of D&B Design</i> Neal Lee Nelson Brothers	<i>Unconventional Blasting</i> Dr. Paul Worsey Missouri S&T	<i>ATF&E Regulatory Update</i> Derrek Root Lexington ATF

12:00 PM BUFFET LUNCH – SERVED IN BALLROOM 1

(Included in Conference Registration Fee)

1:00 PM Blaster Exam Test Preparation Course – Meeting Room 8

If you are taking the Kentucky Blaster License Exam, the Kentucky DNR / Explosives and Blasting Branch is offering a three hour course starting at 1:00 pm in the afternoon. The course will cover topics on the test not presently covered in the Blasters Study Guide (Yellow Book). The exam will be offered Friday morning.

ROOM	Meeting Room 1	Meeting Room 3	Meeting Room 5	Meeting Room 7
SESSION	Underground	Construction / Quarries	General	Regulatory
CHAIR	Chip Davis	Brian Lewis	Tristan Worsey	Marty Brashear
1:00 PM	<i>Application of Chemically Sensitized Emulsion in an Underground Limestone Mine</i> Evan Hagenlock Austin Powder	<i>Close In Blasting Case Studies</i> Danny Conn Kesco	<i>Flyrock: Causes, Reduction, and Clearance Area</i> Jason Staats Austin Powder	<i>KYDNR Regulatory Update</i> Marty Brashear KYDNR
2:00 PM	<i>Underground Post Blast Analysis</i> Jim Winfield Austin Powder	<i>Drone Applications in Blasting</i> Brian Sandhaus Vulcan Materials	<i>Application of Air and Pulldown Tests in Rotary Drilling</i> Luis Velasquez University of Kentucky	<i>The Ammonium Nitrate Explosion at the Port of Beirut</i> Josh Hoffman IME
3:00 PM	Break	Break	Break	Break
3:30 PM	<i>Transitioning from Room and Pillar to Longhole Open Stopping</i> Matthew Harding Nyrstar	<i>Signature Hole Analysis to Optimize Timing for Operational Compliance</i> Nathaniel Schaefer Dyno Nobel	<i>Pro-Active Community Relations</i> Kim Wells Energy Environmental Group	<i>ATF&E Regulatory Update</i> Derrek Root Lexington ATF
4:30 PM	<i>Underground V-Cut Design and Troubleshooting</i> Tristan Worsey and Nathan Rouse Dyno Nobel	<i>Blasting vs Crushing</i> Forrest Shelton Hinkle Contracting	<i>Reduction in Strip Mining Cost: A Case Study</i> Ravi Sahu Strayos	<i>OSMRE Regulatory Update Blast Plan Considerations</i> Ken Eltschlager

5:30 PM CONFERENCE SOCIAL IN EXHIBIT HALL (BALLROOM 2 AND 3)

Food and Drinks Provided (See Primary Conference Sponsors for Drink Tickets)
Free Cornhole Tournament with prizes – register at the conference.

2021 KBC Program

Friday, December 10, 2021

8:00 AM REGISTRATION BEGINS & EXHIBITS OPEN

8:30 AM KENTUCKY BLASTER EXAM – Meeting Room 8

If you are taking the Kentucky Blaster License Exam, the Kentucky DNR / Explosives and Blasting Branch will facilitate the test starting at 8:30 am in Meeting Room 8. A \$40.00 exam fee is required for the exam. Certified check, cashier's check, company check or money orders must be made payable to: KY State Treasury. Personal checks are not accepted.

FRIDAY MORNING PRESENTATIONS (Meeting Room 1-3)

Chair: Jeff Taylor

8:30 AM Abandoned Explosive Disposal Cases

Bob McClure
RAM Inc.

9:00 AM Blasting Near Pipelines: A Comprehensive Update

Cathy Aimone-Martin
Aimone-Martin and Associates

9:30 AM BREAK

10:00 AM Accuracy First, Then Blast Optimization

Bill Reisz
CRH

11:00 AM Regulatory Panel

Marty Brashear KY EBB
Josh Hoffman IME
Ken Eltschlager OSMRE
Jim Ratcliff WV DMR
Derrek Root ATF

12:00 PM ATTENDANCE AWARDS & ADJOURN