**2020KBC Program**

**Thursday, December 10, 2020**

**8:00 AM REGISTRATION BEGINS & EXHIBITS OPEN**

Thursday Morning Presentations in Heritage Hall Center

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.

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

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| **ROOM** | **Daisy/Sunflower** | **Holly** | **Willow** | **Archibald** |
| **SESSION** | **Underground** | **Drilling** | **Construction / Quarries** | **Regulatory** |
| **CHAIR** | Tristan Worsey | Kullan Floyd | Brian Lewis | Dylan Connell |
| **8:30 AM** | ***New Blasting Technology and Techniques for Underground Operators Part I***  Tristan Worsey and Nathan Rouse  DynoConsult | ***Hole Deviation Technology and New Ways of Measuring***  Mikko Vuojolainen  Robit  Bob McClure  RAM Inc. | ***Helpful Techniques in Controlling Vibration, Airblast, Highwall Stability, Floor Issues, and Caprock***  Neal Lee  Nelson Brothers | ***Kentucky Regulatory Update & Flyrock Case Studies***  Marty Brashear  KYDNR |
| **9:30 AM** | Break | Break | Break | Break |
| **10:00 AM** | ***New Blasting Technology and Techniques for Underground Operators Part II***  Tristan Worsey and Nathan Rouse  DynoConsult | ***Benefits of Various Drilling Technologies and Automation***  Steve McIntyre and Ike Sturgill  J.H. Fletcher & Co. | ***Loading and Tie-in Procedures***  Joe Nawrocki  DynoConsult | ***Blast Plans***  Ken Eltschlager  OSMRE |
| **11:00 AM** | ***Handling*** ***Blasting Complaints from the Blaster’s Perspective from Beginning to End***  Ralph Burnham and Kelly Ratliff, Reminger | ***Rotary Drilling: Rock Tools & Drills***  Luis Velasquez  UKERT | ***Surface Blasting Through Underground***  ***Workings***  Chris Grabner  Grabner Blasting | ***ATF&E Regulatory Update***  Doris Hasler  ATFE |

**12:00 PM BUFFET LUNCH – SERVED IN THE ARCHIBALD ROOM**

(Included in Conference Registration Fee)

**12:30 PM Awards and Recognition Presentation (During Lunch in Archibald Room)**

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| **ROOM** | **Daisy/Snflr** | **Holly** | **Willow** | **Archibald** |
| **SESSION** | **Underground** | **Drilling** | **Construction & Quarries** | **Regulatory** |
| **CHAIR** | Tristan Worsey | Kullan Floyd | Brian Lewis | Dylan Connell |
| **1:00 PM** | ***New Blasting Technology and Techniques for Underground Operators Part I***  Tristan Worsey and Nathan Rouse  DynoConsult | ***Hole Deviation Technology and New Ways of Measuring***  Mikko Vuojolainen  Robit  Bob McClure  RAM Inc. | ***Helpful Techniques in Controlling Vibration, Airblast, Highwall Stability, Floor Issues, and Caprock***  Neal Lee  Nelson Brothers | ***Kentucky Regulatory Update & Flyrock Case Studies***  Marty Brashear  KYDNR |
| **2:00 PM** | ***New Blasting Technology and Techniques for Underground Operators Part II***  Tristan Worsey and Nathan Rouse  DynoConsult | ***Benefits of Various Drilling Technologies and Automation***  Steve McIntyre and Ike Sturgill  J.H. Fletcher & Co. | ***Loading and Tie-in Procedures***  Joe Nawrocki  DynoConsult | ***Blast Plans***  Ken Eltschlager  OSMRE |
| **3:00 PM** |  | Break | Break | Break |
| **3:30 PM** | ***Handling*** ***Blasting Complaints from the Blaster’s Perspective from Beginning to End***  Ralph Burnham and Kelly Ratliff, Reminger | ***Rotary Drilling: Rock Tools & Drills***  Luis Velasquez  UKERT | ***Surface Blasting Through Underground***  ***Workings***  Chris Grabner  Grabner Blasting | ***ATF&E Regulatory Update***  Doris Hasler  ATFE |
| **4:30 PM** | ***Underground Limestone Case Study***  Tristan Worsey and Nathan Rouse  DynoConsult | ***Modern Drilling Technology***  Todd Buschjost  Sandvik | ***Design Considerations for Blasting in Close Quarters***  Brian Lewis  RESPEC | ***Hazmat and Explosives Safety in an Urban Setting***  Andrew Smith  Louisville Fire Department |

**2020KBC Program**

**Friday, December 11, 2020**

**8:00 AM REGISTRATION BEGINS & EXHIBITS OPEN**

**FRIDAY MORNING PRESENTATIONS (ARCHIBALD ROOM)**

**Chair: Jeff Taylor**

**8:30 AM An Evaluation of Online Education for the Blasting Industry**

Ryan Sibley, Missouri S&T

**9:00 AM Case Studies in Flyrock**

Adam Young, Orica

**9:30 AM Optimizing Fragmentation through Delay Timing and Sequencing**

Tristan Worsey, DynoConsult

**10:00 AM BREAK**

**10:30 AM Future of Explosives and Blasting**

Neal Lee

Frank Sames

Bob McClure

Joe Nawrocki

**12:00 PM ATTENDANCE AWARDS & ADJORN**