**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 RouseDynoConsult | ***Hole Deviation Technology and New Ways of Measuring***Mikko VuojolainenRobitBob McClureRAM Inc. | ***Helpful Techniques in Controlling Vibration, Airblast, Highwall Stability, Floor Issues, and Caprock***Neal LeeNelson Brothers | ***Kentucky Regulatory Update & Flyrock Case Studies***Marty BrashearKYDNR |
| **9:30 AM** | Break | Break | Break | Break |
| **10:00 AM** | ***New Blasting Technology and Techniques for Underground Operators Part II***Tristan Worsey and Nathan RouseDynoConsult | ***Benefits of Various Drilling Technologies and Automation***Steve McIntyre and Ike SturgillJ.H. Fletcher & Co. | ***Loading and Tie-in Procedures***Joe NawrockiDynoConsult | ***Blast Plans***Ken EltschlagerOSMRE |
| **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 VelasquezUKERT | ***Surface Blasting Through Underground******Workings***Chris GrabnerGrabner Blasting | ***ATF&E Regulatory Update***Doris HaslerATFE |

**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 RouseDynoConsult | ***Hole Deviation Technology and New Ways of Measuring***Mikko VuojolainenRobitBob McClureRAM Inc. | ***Helpful Techniques in Controlling Vibration, Airblast, Highwall Stability, Floor Issues, and Caprock***Neal LeeNelson Brothers | ***Kentucky Regulatory Update & Flyrock Case Studies***Marty BrashearKYDNR |
| **2:00 PM** | ***New Blasting Technology and Techniques for Underground Operators Part II***Tristan Worsey and Nathan RouseDynoConsult | ***Benefits of Various Drilling Technologies and Automation***Steve McIntyre and Ike SturgillJ.H. Fletcher & Co. | ***Loading and Tie-in Procedures***Joe NawrockiDynoConsult | ***Blast Plans***Ken EltschlagerOSMRE |
| **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 VelasquezUKERT | ***Surface Blasting Through Underground******Workings***Chris GrabnerGrabner Blasting | ***ATF&E Regulatory Update***Doris HaslerATFE |
| **4:30 PM** | ***Underground Limestone Case Study***Tristan Worsey and Nathan RouseDynoConsult | ***Modern Drilling Technology***Todd BuschjostSandvik | ***Design Considerations for Blasting in Close Quarters***Brian LewisRESPEC | ***Hazmat and Explosives Safety in an Urban Setting***Andrew SmithLouisville 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**