

Kentucky Energy and Environment Cabinet
Department for Natural Resources
Division of Mine Reclamation and Enforcement
Non-Coal, Explosives and Blasting Branch
300 Sower Boulevard, Frankfort, Kentucky 40601

This form is for verification of participation in online training available on the Wyoming Department of Environmental Quality / Land Quality / Coal / Blasting website. This form should be printed, completed and mailed to the above address to receive credit from the Commonwealth of Kentucky for participating in the training or scan the document and email it to martin.brashear@ky.gov. A score of 80% or higher is required for you to receive credit for the class. A certificate will be returned to you for your records and a copy will be kept on file by the Department. For questions contact Martin Brashear (606) 260-5875.

This form is for training titled **Wyoming DEQ Blasting Webinar 2 – June 30, 2020.**

1. Which industry conducts the most blasting activity?
 - A. Construction
 - B. Quarrying / Non-Metal
 - C. Coal Mining
 - D. Metal Mining

2. On mine sites which vehicle is involved in the most accidents?
 - A. Heavy Haul Truck
 - B. Drill
 - C. Front-End Loader
 - D. Dozer

3. Three things are required for explosives to function; an oxidizer, a fuel and ___?___.
 - A. An Ignition Source
 - B. A Water Gel
 - C. A Galvanometer
 - D. A Borehole

4. What hazardous emission can be generated by an over-fueled shot?
 - A. Carbon Dioxide
 - B. Water Vapor
 - C. Carbon Monoxide
 - D. Smoke

5. Tightly interlocking crystals make what type of rock difficult to blast?
 - A. Igneous
 - B. Sedimentary
 - C. Metamorphic

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6. Faster timing in blasts usually promotes fragmentation while slower timing usually promotes what?
 - A. Fumes
 - B. Rock Movement
 - C. Misfires
 - D. Airblast

7. When does detonation cease?
 - A. When the primer is consumed
 - B. When critical diameter is reached
 - C. When emulsion is sensitized
 - D. When the dust and fumes have cleared

8. What is the best material for stemming?
 - A. Drill cuttings
 - B. Crushed angular stone
 - C. Smooth rounded stone
 - D. Air

9. As air temperatures rise, an airblast will travel further.
 - A. True
 - B. False

10. Seismograph microphone height and orientation have negligible effects on the measurements recorded.
 - A. True
 - B. False

I attest by my signature that I did review the training video which corresponds with this questionnaire.

Printed Name: _____

KY Blaster License No. _____

Signature: _____

Date: _____