

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 #1 – June 23, 2020.**

1. How many times per second does lightning strike the earth?
 - A. Less Than 10
 - B. Over 100
 - C. 1
 - D. Over 1000

2. What months of the year are you more likely to see lightning?
 - A. May and June
 - B. April and May
 - C. July and August
 - D. October and November

3. How many people died from lightning strikes in Kentucky in 2019?
 - A. 5
 - B. 1
 - C. 7
 - D. 3

4. What is the major cause of blasting related accidents?
 - A. Bulk Truck
 - B. Flyrock
 - C. Carbon Monoxide
 - D. Concussion

5. In the event of a misfire using electronic detonators what is the wait time before returning to the blast site?
 - A. 60 Minutes
 - B. 45 Minutes
 - C. 30 Minutes
 - D. 15 Minutes

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6. Which of the following are most common causes of flyrock?
 - A. Soft Zones
 - B. Insufficient Stemming
 - C. Insufficient Burden
 - D. Excessive Burden
 - E. All the Above

7. Lighters, matches and open flames should be kept how many feet from a vehicle carrying explosives?
 - A. 25
 - B. 500
 - C. 50
 - D. 100

8. In the Powder River Basin, how many tons of coal are in a cubic yard?
 - A. 2.1 Ton/Yard³
 - B. 1.08 Ton/Yard³
 - C. 1.35 Ton/Yard³
 - D. 0.85 Ton/Yard³

9. Clean, clear water has a specific gravity of 1.0 g/cc. If water is muddy its specific gravity may be as high as what?
 - A. 2.1 g/cc
 - B. 1.9 g/cc
 - C. 1.3 g/cc

10. In the blasting calculations segment, what is the diameter of the borehole in calculation #3?
 - A. 6.75" or 6 ¾"
 - B. 7.875" or 7 7/8"
 - C. 9"
 - D. 10.625" or 10 5/8"

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: _____