

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 3 – Oct. 6, 2020.**

- 1) Coal, limestone and sandstone are what type of rock?
 - A) Igneous
 - B) Metamorphic
 - C) Sedimentary

- 2) Anticline and syncline refer to what?
 - A) Faults
 - B) Bedding Planes
 - C) Types of Evaporates

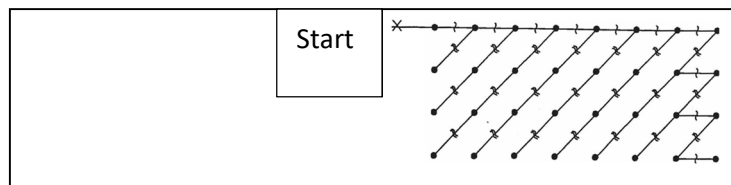
- 3) Failure of the powder column to rise might indicate what?
 - A) A crack, void or cavern
 - B) A dip in the rock strata
 - C) Water in the borehole

- 4) 100,000 feet of Non-electric Shock Tube is equal to _____ pounds of explosives?
 - A) 100
 - B) 10
 - C) 1

- 5) What is the detonation velocity of Non-electric Shock Tube?
 - A) 6,500 feet per second
 - B) 13,000 feet per second
 - C) 21,000 feet per second

- 6) This is an example of which type of delay pattern?

- A) Row shot
- B) Vee shot
- C) Echelon shot



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- 7) What is a disadvantage to using electronic detonators _____?
- A) Limited number of delays
 - B) Cost when compared to non-electric
 - C) Lack of surface delays
- 8) What are some advantages to using electronic detonators?
- A) Virtually unlimited number of delays
 - B) Safety, since the entire blast is energized prior to the first hole firing
 - C) Millisecond accuracy
 - D) All the above
- 9) Who is in charge of the blast?
- A) Job Superintendent
 - B) Job Foreman
 - C) The Blaster
- 10) What are the 2 days of the week when most blasting incidents (flyrock or misfire) occur?
- A) Tuesday and Wednesday
 - B) Wednesday and Thursday
 - C) Friday and Monday

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: _____