

2019

Virginia Mining Institute

Preshift Test Statement of Facts

1. Methane detectors should be calibrated with a known \_\_\_\_\_ mixture at least once every 31 days. (30 CFR 75.320 (a))
  - a. Methane
  - b. Methane-oxygen
  - c. Methane-air
  
2. A \_\_\_\_\_ for taking down loose material shall be available in the working place or on all face equipment except haulage equipment. (30 CFR 75.211(d))
  - a. Slate
  - b. Bar
  - c. Stick
  
3. Rock dust applications to the roof, ribs, and floor shall be maintained to within \_\_\_\_\_ feet of the working face, except in those areas where the dust is too wet or too high in incombustible content. (30 CFR 75.402)
  - a. 20
  - b. 40
  - c. 25
  
4. \_\_\_\_\_ are used in mine ventilation to regulate airflow to meet the individual needs of each air split. (MSHA 3028 p. 3-12)
  - a. Stoppings
  - b. Check Curtains
  - c. Regulators
  
5. Damaged \_\_\_\_\_ or other damaged belt conveyor components, which pose a fire hazard must be immediately repaired or replaced. (30 CFR 75.1731(a))
  - a. Rollers
  - b. Structure
  - c. Belt

6. \_\_\_\_\_ shall be located within 1,000 feet from the nearest working face and from the locations where mechanized mining equipment is being installed or removed. (30 CFR 75.1506(c)(1)
  - a. Refuse chambers
  - b. Refuge Alternatives
  - c. Intake Stopping Line
  
7. \_\_\_\_\_ flame safety lamps may only be used as a supplementary testing device. (30 CFR 75.320(d)
  - a. Antique
  - b. Intrinsically Safe
  - c. Permissible
  
8. Welding, cutting and soldering with an arc or flame are prohibited within \_\_\_\_\_ feet of a seal. (30 CFR 75.337(f)
  - a. 150
  - b. 100
  - c. 25
  
9. The directional lifeline shall be equipped with one directional indicator cone securely attached to the lifeline, signifying the route of escape, placed at intervals not exceeding \_\_\_\_\_ feet. (30 CFR 75.380(d)(7)(v)
  - a. 150
  - b. 100
  - c. 25
  
10. \_\_\_\_\_ shall be marked for identification. (30 CFR 75.904)
  - a. Miners
  - b. Tracking devices
  - c. Circuit breakers

**2019**  
**VMI**  
**STATEMENTS OF FACT TEST ANSWER KEY**

**PRESHIFT CONTEST**

1. C
2. B
3. B
4. C
5. A
6. B
7. C
8. A
9. B
10. C