Assessment

ANGLE GRINDER SAFETY

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1. Which of these cannot be worked on with an angle grinder?  
(circle correct answer)  

a) Metal  
b) Concrete  
c) Pressurised vessels  
d) Stone  

2. What is it called when an angle grinder suddenly thrusts back and toward the operator?  
(circle correct answer)  

a) Kick Back  
b) Out Kick  
c) Kick Off  
d) Kicker  

3. When is it acceptable to use a cutting disc for a grinding application?  
(circle correct answer)  

a) When the grinding job is very small  
b) Never  
c) Only if you don’t have any grinding discs left  
d) It depends on the situation
4. When should you perform a pre-use check on an angle grinder?  
(circle correct answer)

a) Whenever you remember to  
  b) Monthly  
  c) Yearly  
  d) Prior to using it

5. What speed should the disc be rotating prior to engaging it with the work?  
(circle correct answer)

a) Full operating speed  
  b) Half speed  
  c) Make contact with the work, then turn on the grinder  
  d) None of the above

6. When grinding, what angle to the work should you hold the grinder?  
(circle correct answer)

a) 90 degrees  
  b) 15 to 30 degrees  
  c) 1 degree  
  d) 0.5 degrees

7. Which of these is an appropriate piece of PPE to wear while grinding?  
(circle correct answer)

a) Safety Goggles  
  b) Ear Muffs  
  c) Gloves  
  d) All of the above

8. Which of these is not a part of an angle grinder?  
(circle correct answer)

a) Chain  
  b) Metal gear case  
  c) Spindle lock  
  d) On/off switch
9. What is the worst possible outcome of a disc shattering during operation?
   (circle correct answer)
   a) Death
   b) Angle grinder failure
   c) A scratch to the operator
   d) Damaged work

10. Angle grinding tasks can produce which of the following?
    (circle correct answer)
    a) Sparks
    b) Smoke
    c) Contaminated Air
    d) All of the above