

# TM00 – Pre-Instructional Survey

Name \_\_\_\_\_ Date \_\_\_\_\_

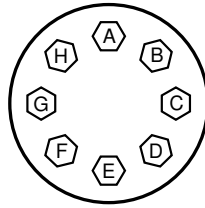
1. An employee earns \$14.55 /hour, time and a half for overtime (overtime is paid after working 8 hours during the week and for all hours worked on Saturdays), and double time on Sundays and holidays. If an employee worked 10 hrs Monday through Friday, 8 hours on Saturday, and 4 hours on Sunday, what would his or her pay be for the week?
  - a. 1191.39
  - b. 1640.00
  - c. 1091.25
  - d. 852.25
  
2. What can be used to test trueness of shafts and wheels?
  - a. Dial indicator
  - b. Center head
  - c. Level
  - d. Caliper
  
3. Pipe wrenches should not be used on \_\_\_\_\_
  - a. conduit
  - b. steel
  - c. piping
  - d. finished surfaces
  
4. When aligning a pump and motor, to correct for vertical offset \_\_\_\_\_ can be used.
  - a. cement blocks
  - b. shims
  - c. expansion feet
  - d. expansion joints

5. The two methods that should be used to align a flexible coupling between a motor and a pump the \_\_\_\_\_ and the laser methods.
  - a. optical micrometer
  - b. dial indicator
  - c. horizontal
  - d. rim-and-face
  
6. The overhead trip device on a steam turbine is made to \_\_\_\_\_ .
  - a. operate the turbine above design speed continuously
  - b. replace the governor
  - c. shut the turbine down in the event of an over speed
  - d. serve as a surge protector
  
7. Match marks on a set of gears are used for \_\_\_\_\_ .
  - a. checking rotation
  - b. meshing the gears
  - c. checking the epms
  - d. identifying the gears for reassembly
  
8. If water gets into the lubricant, it may \_\_\_\_\_ .
  - a. feel sticky
  - b. congeal
  - c. look milky
  - d. become clear
  
9. 29 CFR 1910.119 describes a “change” as:
  - a. Any action that constitutes a serious event
  - b. Any action that could create an injury
  - c. Anything but an in-kind replacement
  - d. Any non-technical process change
  
10. Manufacturer’s manuals can be
  - a. Traditional print materials
  - b. Computer-stored text file
  - c. Adobe .pdf files
  - d. Any of above

11. Calibration is used to check a device (or bring a device to)
  - a. Heterogeneity
  - b. Homogeneity
  - c. Specification
  - d. Deviation
  
12. Factory Acceptance Testing is performed when the
  - a. System has been delivered and supplier is ready to test
  - b. System has been delivered and the user is ready to test
  - c. System has been built and has its performance tested
  - d. System has been built; the supplier is ready to deliver
  
13. During startup, safety is
  - a. Of little concern due to the installation verification and loop testing performed
  - b. Of some concern because of the catastrophic results attainable with new units
  - c. Of Primary concern because many operational parameters have not been tested
  - d. Of Primary concern because of possible bad public relations if a release occurs
  
14. Written policies and procedures are necessary for each action taken because
  - a. Procedure writers are technically knowledgeable in the process
  - b. In case of detrimental results, responsibility can be placed reliably
  - c. They provide a consistent, uniform, and legal set of actions and definitions
  - d. Management has issued an ultimatum that procedural actions must be correct
  
15. Technical procedures are best developed by
  - a. Individual use and development
  - b. Sole authority as directed
  - c. Management fiat then use
  - d. Consensus and then test

16. What is the order that bolts should be tightened on an 8-hole flange?

- a. A-B-C-D-E-F-G-H
- b. A-H-G-F-E-D-C-B
- c. A-E-B-F-C-G-D-H
- d. A-E-G-C-H-D-B-F



17. What is flexitallic?

- a. A spiral wound gasket.
- b. A type of expansion joint.
- c. A type of steam trap.
- d. The metal rings that support Teflon flange liners.

18. What does this crane hand signal mean?

- a. Turn right
- b. Lower Load
- c. Lower boom and raise the load.
- d. Watch for pot holes or speed bumps.



19. What are the two main sections of a turbine engine for inspection purposes?

- a. Hot and cold.
- b. Combustion and exhaust.
- c. Compressor and turbine.
- d. Turbine and exhaust

20. \_\_\_\_\_ is not a factor of nondestructive testing (NDT).

- a. Temperature
- b. Vibration Wear
- c. Cost
- d. Materials Defects

## TM00 - Pre-Instructional Survey Answers

1. c
2. d
3. d
4. b
5. d
6. c
7. d
8. c
9. c
10. d
11. c
12. c
13. c
14. c
15. d
16. d
17. a
18. b
19. a
20. c