

Written Quiz

- | | <u>POINTS</u> |
|--|----------------------|
| 1. Fire hose couplings are made out of _____ or _____. | <u>10</u> |
| 2. Fire hose couplings are classified as either _____ or _____. | <u>10</u> |
| 3. Fire hose swivels are lubricated with _____. | <u>10</u> |
| 4. Electrolysis is: | <u>20</u> |
| 5. What is the higbee indicator? | <u>20</u> |
| 6. Name three (3) types of lugs found on the couplings of fire hose. | <u>30</u> |
| a. _____ | |
| b. _____ | |
| c. _____ | |

POINTS POSSIBLE: 100

POINTS DEDUCTED:

FINAL SCORE:

Written Quiz

POINTS

1. Fire hose couplings are made out of **BRASS ALLOY** or **ALUMINUM ALLOY**. 10

MAGNESIUM ALLOY

2. Fire hose couplings are classified as either **THREADED** or **QUICK CONNECT**. 10

3. Fire hose swivels are lubricated with **GRAPHITE**. 10

4. Electrolysis is: 20

A CHEMICAL REACTION WHICH OCCURS WHEN COUPLINGS MADE OF DIFFERENT METAL ALLOYS ARE FASTENED TOGETHER FOR A PERIOD OF TIME. EVENTUALLY CORROSION OCCURS WHICH WILL "FREEZE" THE COUPLINGS TOGETHER.

5. What is the higbee indicator? 20

A GROOVE OR DEPRESSION ON THE SHANK OF A COUPLING WHICH INDICATES WHERE THE HIGBEE CUT IS LOCATED ON THE HIDDEN THREADS. ALLOWS VISUAL ALIGNMENT OF COUPLINGS PRIOR TO TIGHTENING.

6. Name three (3) types of lugs found on the couplings of fire hose. 30

- a. **ROCKER LUGS**
- b. **RECESSED LUGS (BARWAY)**
- c. **PIN LUGS**

EXTENDED LUGS (STEAMER)

POINTS POSSIBLE: 100

POINTS DEDUCTED:

FINAL SCORE: