PRESS ENERGY SERVICES SAFETY COURSES

“H2S FACTS”

1. WHICH OF THE FOLLOWING IS NOT TRUE ABOUT H2S?:

A. EXPOSURE TO LOW CONCENTRATION CAN IRRITATE THE EYES, NOSE AND THROAT.

B. YOU CAN ALWAYS RELY ON SENSE OF SMELLTO DETECT IT.

C. CONTACT WITH LIQUID H2S CAUSE FROSTBITE

D. EXPOSURE TO HIGH CONCENTRATIONS CAN CAUSE DEATH.

1. H2S OCCURS NATURALLY IN WHICH OF THE FOLLOWING?

A. CRUDE PETROLEUM B. HOT SPRINGS

C. PAPER MILLS D. BOTH A AND B

3. WHICH OF THE FOLLOWING IS TRUE ABOUT H2S?

 A. IT IS COLORLESS AND FLAMMABLE

B. IT HAS A ROTTEN EGG SMELL

 C. IT COLLECTS IN LOW-LYING OR POORLY VENTILATED AREAS D. ALL OF THE ABOVE.

4. WHICH OF THE FOLLOWING INDUSTRIAL ACTIVITIES CAN PRODUCE H2S GAS?

 A. NATURAL GAS DRILLING B. WASTEWATER TREATMENT

 C. PAPER MILLS D. ALL OF THE ABOVE

5. EFFECTS OF H2S EXPOSURE CAN BE DELAYED FOR HOURS OR SOMETIMES DAYS WHEN WORKING IN LOW LEVEL CONCENTRATIONS.

 A. TRUE B. FALSE

6. AT HIGH CONCENTRATIONS, YOU MAY INSTANTANEOUSLY LOSE YOUR ABILITY TO SMELL HYDROGEN SULFIDE.

 A. TRUE B. FALSE

7. H2S IS HEAVIER THAN AIR.

 A. TRUE B. FALSE

8. WHICH OF THE FOLLOWING PROTECTION MEASURES MUST BE IN PLACE/ COMPLETED BEFORE ENTERING AREAS WHERE H2S MIGHT BE PRESENT?

 A. AIR MUST BE TESTED BY QUALIFIED PERSON USING AIR MONITORING EQUIPMENT

 B. IF GAS IS PRESENT, THE AREA MUST BE VENTILATED CONTINUALLY TO REMOVE IT.

 C. IF GAS CANNOT BE REMOVED, INDIVIDUALS MUST USE APPROPRIATE RESPITORY PROTECTION.

 D. ALL OF THE ABOVE

9. A LEVEL OF H2S AT OR ABOVE 100 PPM IS IMMEDIATELY DANGEROUS TO LIFE AND HEALTH?

 A. TRUE

 B. FALSE

10. AT WHAT H2S CONCENTRATION MUST WORKERS WEAR A FULL FACEPIECE PRESSURE DEMAND SELF-CONTAINED BREATHING APPARUTUS (SCBA) WITH A MINIMUM SERVICE LIFE OF 30 MINUTES?

 A. BELOW 100 PPM

 B. AT ANY LEVEL

 C. ABOVE 100 PPM

 D. NONE OF THE ABOVE