



# Everyone Goes Home “SAFE”!

## WHAT AM I?

How well do you know the history of the safety equipment we use every day?

Try and guess what is being described in each group based on the hints given.

### What Am I?

- 1) I was patented in 1919.
- 2) I was originally made of steamed canvas, glue and black paint.
- 3) I was first made of aluminum in 1938.
- 4) The first place designated for me to be used was the Golden Gate Bridge.

Answer: **HARD HAT**

A hard hat weighs in at about 14 ounces. The average man's head weighs 14 pounds. So there's an ounce of safety for every pound of head — provided the head protection is properly worn and maintained. The force of a falling object can be calculated approximately by multiplying the weight of the object by the distance of its fall. A three and one half ounce washer, for example, falling thirty-two feet, will generate a force of seven foot pounds of impact. Should this washer strike an unprotected head, the force of the blow would be equivalent to 560 pounds; when a hard hat is worn, the force transmitted to the neck and spine is reduced to only 127 pounds.

### What Am I?

- 1) I was patented in 1880.

- 2) My first wide scale practical application was during WWI in gas masks.
- 3) In the 1940's companies were formed to produce me for use by welders, chippers, tool grinding, and metal shaping.
- 4) My mark is Z87.

Answer: **SAFETY GLASSES**

Those who have had close calls and nearly lost their eyesight are usually very conscious of wearing eye protection. They look for and recognize the unsafe conditions that may affect their eyes. A lot of us, however, take these hazards to the eyes far too lightly. Perhaps it would benefit us all to reflect on the things that we can and should do to safeguard our eyesight. Remember that you are the one who can do the most when it comes to protecting your eyesight. Your eyes can't be replaced.

### What Am I?

- 1) I was developed in the early part of the 20<sup>th</sup> century and originally used by utility linesmen.
- 2) I was originally made from cotton and leather.
- 3) My ancestor was a belt.
- 4) Modern type is based on one used in the military by paratroopers,

Answer: **Safety Harness**

During an average year, over 400,000 workers are injured by falls. This is the reason that safety harness's were invented, it is also the reason we have a 100% tie off



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policy. So always remember to inspect your safety harness and lanyards before using them.

Note: Personal protective equipment is designed to protect you, but it only functions if you wear it