**Introduction to Metal Shop Vocabulary Guide**

**OHSA**: the Occupational Safety and Health Administration. Their mission is to save lives, prevent injuries and protect the health of America's workers through partnerships between federal and state governments and the more than 100 million working men and women covered by the Occupational Safety and Health Act of 1970.

**Combustible Materials**: a substance that can be burned to provide heat or power

**Protective Clothing**: Clothing especially designed, fabricated, or treated to protect personnel against hazards caused by extreme changes in physical environment, dangerous working conditions, or enemy action.

**Unsafe Practice**: Behaviors which could permit the occurrence of an accident

**PPE**: Specialized clothing or equipment worn by personnel for protection against health and safety hazards. Personal protective equipment is designed to protect many parts of the body, i.e., eyes, face, hands, feet, and ears.

**Awareness Barriers**: A restriction that physically or visually informs a human of a danger or hazard being near.

**Machine Shields**: physical barriers between personnel and dangerous machinery

**Fire Extinguisher Classes**: the five categories of fire extinguishers, determining what different type of fire the extinguisher is effective on. In America, the five categories are:

A - ordinary combustibles  
B - combustible liquids and gasses  
C - electrical appliances  
D - flammable metals  
K - cooking oils and fats \*This category will not be relevant in a metals shop environment.

**Unsafe Acts**:  any act that deviates from a generally recognized safe way or specified method of doing a job and which increases the probabilities for an accident.