

Jobsite: \_\_\_\_\_  
Foreman: \_\_\_\_\_

Date: \_\_\_\_\_  
G.C. \_\_\_\_\_

<b>SMOHIT Safety Sense</b> Toolbox Talks for the Sheet Metal Industry	<h3 style="text-align: center;">Eye &amp; Face Protection</h3> <ul style="list-style-type: none"> <li>• Sheet metal workers are exposed to eye and face hazards on the job almost everyday. Eye and face protection, such as <u>safety glasses</u>, goggles and shields should be worn to prevent injury.</li> <li>• There are 4 basic types of eye hazards:               <ul style="list-style-type: none"> <li>• <u>UFOs (Unidentified Flying Objects)</u> - Microscopic objects that consist of dust and particles floating in the air, caused by wind or equipment. Even a small speck can lead to eye trouble.</li> <li>• <u>Particles</u> - Particles from chipping, grinding, sawing, brushing, hammering, or using power tools that move at amazing speed and can hit with the force of a bullet, such as Tek screw shavings.</li> <li>• <u>Invisible hazards</u> - Ultraviolet light rays generated by welding operations or laser beams. Effects of these hazards may not be felt for hours.</li> <li>• <u>Liquids</u> - Solvents, paint, cleaning solutions, etc. Liquids can cause serious injury if splashed in your face or eyes.</li> </ul> </li> <li>• Wear safety glasses with side shields for protection against flying objects. If you wear regular glasses you may use prescription safety glasses with side shields.</li> <li>• Wear face shields and safety glasses when grinding, chipping, wire brushing, <u>working with rusty materials</u> etc.</li> <li>• Wear splash-proof safety goggles and/or splash shields when working with chemicals such as <u>paints</u>, acids or solvents. Some goggles are designed to fit over prescription glasses.</li> <li>• Wear flash goggles with side shields under your welding helmet and shaded goggles designed specifically for cutting when using cutting torches.</li> <li>• When welding, attach a shaded filter plate to your welding helmet. The shade you will need will depend on the type of welding, size of the electrode and amount of electrical current you are using. If you are unsure about what shade you need, use a #10 shade (min.) or ask your supervisor. Remember the higher the number the better the protection.</li> </ul>		<h3 style="text-align: center;">Instructor Tips</h3> <ul style="list-style-type: none"> <li>• Have workers give several examples of eye hazards from personal experiences.</li> <li>• Demonstrate proper use of safety glasses, shields, goggles, etc.</li> <li>• Explain the dangers of high UV levels and the protection provided by shaded goggles.</li> <li>• Explain that damage to eyes can range from temporary irritation to permanent blindness.</li> </ul>																																																				
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