SAFETY SERVICES COMPANY         Tailgate/Toolbox Safety Training           Safety Services Company-Safety Meeting Division, PO Box 6408 Yuma, AZ 85366-6408 Toll Free (866) 204-4786				SAM
Company Name:		Job Site Location:		all chro
Date: Start Tir	ne: Finish Time:	Foreman/Supervisor:		
<ul> <li>Date: Start Tin <i>Topic</i></li> <li>Introduction: Only qualified worker</li> <li><i>Welding</i> produces fumes and gass ventilate the area and use local fo</li> <li><i>Work</i> in a confined space only if</li> <li><i>Welding fumes</i> and gases can dis</li> <li><i>Read and understand</i> the Materidegreasers. Do not weld near deg</li> <li><i>Do not</i> weld on coated metals, suventilated, and while wearing and a secause filters can have holes, the for the recirculation of air from in of an air cleaner failure. In additional for the recirculation of air from in of an air cleaner failure. In additional fumes: Welding fumes consis</li> <li><i>Workers</i>, who are welding, can destinate fumes: Welding fumes consis</li> <li><i>Workers</i>, who are welding, can destinate fumes: Welding fumes consis</li> <li><i>Workers</i>, who are welding, can destinate fumes: Welding fumes consis</li> <li><i>Workers</i>, who are welding, can destinate fumes: Welding fumes consis</li> <li><i>Workers</i>, who are welding, can destinate fumes: Welding fumes consis</li> <li><i>Workers</i>, who are welding, can destinate fumes: Welding fumes consis</li> <li><i>Workers</i>, who are welding to a sociate fumes consisting function but no evidence of a fume respiratory system is the privitin welding as a result of short-testinate for some automotive paints. The respiratory system is the privitin welding as a result of short-testinate for some automotive paints. Tron oxide: Welding on iron surfaces of lung changes that show up on X-ra Chromium: Paints may contain chardermatitis, irritation, and ulceration of suspect carcinogens. New data suppor Lead: Lead adversely affects severa nervous system, kidney, and hematop</li> <li><i>Inhalation</i> or ingestion of inorgamalaise, weakness, insomnia, heat exposure can result in a weakne synthesis), proximal kidney tubul Ozone: Welding can generate ozone irritating to the eyes and upper respirate ozone irrita</li></ul>	ne:Finish Time: <b>668: MIG</b> and TIG welde s should operate MIG and TIG welde s. Breathing these fumes and gases of reed ventilation at the arc to remove it is well ventilated, or while wearing place air and lower the oxygen level al Safety Data Sheets (MSDSs) and the reasing, cleaning, or spraying operati- ich as galvanized, lead, or cadmium air-supplied respirator. The coatings and ng fumes are exhausted through the ck into the workplace. The air from here is a possibility of inadvertently dustrial exhaust systems should be u on, a monitoring system must be used involves a very low air flow. The air ic, explosive, or flammable. All it tak t of oxides of the metal being welded evelop metal fume fever from exposu- include chills, trembling, nausea, an- radiological changes in the lung. Wor- mary target of injury. Metal fume fev- errm exposures to high concentrations th as cancer, pneumoconiosis, and bu a some instances over long periods). strointestinal diseases, skin sensitizati- ity of welding techniques, processes, e a specific chemical or physical agen- ease decomposition products into the s report that toxic metals such as chroc- produces an iron oxide fume. Excess ys. However, these lung changes do a romates and hexavalent chromium and of the nasal mucosa, and perforation- rts the danger associated with hexava al organs and systems. The four ma- oietic (blood-forming) system. anic lead can cause loss of appetite, dache, muscle and joint pains, nervor ss in the wrist muscles known as "w e damage, and chronic kidney disease and nitrogen oxides. High concentra- atory tract. are a vital organ for sustaining good F <b>Work S</b>	Foreman/Supervisor: Welding (Fumes and rs. Following are safety guidelines for et an be hazardous to your health. Keep you fumes and gases. When ventilation is poor an air supplied respirator. Always have causing injury or death. Be sure the breach the manufacturer's instructions for meta ons. The heat and rays of the arc can reach plated steel, unless the coating is removand and any metals containing these elements slots on the gun. The air can be exhaused the welder must be cleaned before it is re- recirculating contaminated air into the sed. In using this criterion, one must con- the welder must be cleaned before it is re- from the air cleaner can than be simply tess is an errant spark to cause an explosi- and particulate contaminants from the re to freshly generated welding fumes. d vomiting. During this 24 hour period there and pneumonitis are the most common s of fumes and gases. ronchitis have been observed among we Cancers of the kidney and other urinary ton, hearing loss, and eye and musculosh and materials used, most of these studied the with a particular health effect. workers' breathing zone. Material safet mium and lead are present in some form sive exposure to this fume can cause the not appear to be associated with any phy as a pigment. These compounds can par- ter the nasal septum. Certain insoluble lent chromium. Wear an air-supplied rea- jor target organs and systems are the metallic taste in the mouth, constipation as irritability, fine tremors, encephalopar rist drop," anemia (due to lower red bloce ations of ozone can be emitted when we metalth. Utilize these safety guidelines for the target organs and systems are the stations of ozone can be emitted when we metalth. Utilize these safety guidelines for the base of the safety guidelines for the safety g	Gases) nsuring safe operations: our head out of the fumes. We or, wear an air-supplied respective a trained watchperson near thing air is safe. Is, consumables, coatings, and the workplace. As a result, speen nsider the probability and coating in the probability and coating is a reduction in the limited to 5 mg/m. on acute respiratory diseases welders exposed to welding a tract organs, and the subglick letal injury can occur. The limited to 5 mg/m. on acute respiratory disease welders exposed to welding a tract organs, and the subglick letal injury can occur. The limited to 5 mg/m. on acute respiratory disease welders exposed to welding a tract organs, and the subglick letal injury can occur. The limited to 5 mg/m. The development spirator. The development spirator. The development spirator. The n, nausea, pallor, blue line thy, and colic. The development spirator contral nervous system, the maximum contral nervous system, the maximum contral nervous system and the subglick of the lange the spirator contral nervous system, the maximum contral nervous system and the subglick of the lange the spirator. The nervous system and the subglick of the lange the spirator. The nervous system and the subglick of the lange the spirator. The nervous system and the subglick of the lange the spirator. The nervous system and the spirator of the lange the spirator. 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Work-Site Hazards and Safety Su	ggestions:			
Personnel Safety Violations:				

Personnel Safety Violations:	
Material Safety Data Sheets Reviewed:	(Name of Chemical)
Employee Signatures:	(My signature attests and verifies my understanding of and agreement to comply with, all company safety policies and regulations, and that I have not suffered, experienced, or sustained any recent job-related injury or illness.)

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Foreman/Supervisor's Signature: \_

These guidelines do not supercede local, state, or federal regulations and must not be construed as a substitute for, or legal interpretation of, any OSHA regulations.