City of San Angelo 72W College Ave 2nd Floor San Angelo TX 76902

TAILGATE/TOOLBOX SAFETY TRAINING

Safety Services Company-Safety Meeting Division, PO Box 6408 Yuma, AZ 85366-6408 Toll Free (866) 204-4786

#187108 SAFETY SERVICES COMPANY

Job Name:	Job Site Location:
Date: Start Time:	Finish Time: Foreman/Supervisor:
Topic 297: A	rc Flash Hazards (Marking Requirements)
motor control centers that are in other than dw maintenance while energized shall be field ma The marking shall be clearly visible to qualific of the equipment". Though NEC regulations other jurisdictions are requiring printed sticke equipment warning of the flash hazard contain	
 Flash Hazard Boundary – This is the min and sustain only curable burns while not well and sustain and the point in the precentage of the system – Use the aname plate and the name plate decimal equivalent; i.e. if rated at Z2 The fault clearing time of the over curable before the overcurrent protective device a fault current, i.e. 6 cycles at 60 hertz. The formula to calculate the Flash has clearing)). This will give you the distained anytime work will be performed within the must be documented. Personal Protective Equipment (PPE) less performing a hazard risk analysis. The haz personnel who have received adequate traits. Shock hazard – This is the nominal voltage Approach boundaries: These are determined. Limited approach boundary. A shock perform a live part). This boundary may not to Restricted approach boundary. A shock to a shock hazard requires the use of shock. 	carrent protection for the equipment. This is the time that will elapse ce (fuse or breaker) will trip and interrupt the power in the event of $z = 6/60 = 0.1$ zard boundary is: Distance = $\sqrt{(2.65 \text{ X MVA X \% IMPEDANCE X TIME)}}$ (of fault note in feet and inches which should be posted on the equipment. It is per square centimeter is a very important piece of information. NFPA 70E requires that the flash hazard boundary the employer must make a flash hazard analysis and the Cal/cm ² are recommendation - This is determined using NFPA 70E after the triple and selection of PPE may only be done by qualified ining in these procedures. The procedures are exposed.
Conclusion : NEC 110.16 requires only that the	the equipment be labeled "WARNING – Arc Flash Hazard". However the ervice the equipment evaluate the hazards of working on energized parts,
	Work Site Review
Work-Site Hazards and Safety Suggestions: _	, , on such content
Personnel Safety Violations:	
Employee Signatures:	ly signature attests and verifies my understanding of and agreement to comply with, all company safety policies und regulations, and that I have not suffered, experienced, or sustained any recent job-related injury or illness.)