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AN OCCUPATIONAL SAFETY & HEALTH TRAINING SERIES FOR HIGH HAZARD INDUSTRIES

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Company Name:	Dept:	Location:	Date:	
				#052
	ELI	ECTRICAL GRO	UNDING	
danger of working arou grounding conductor pro	ind high voltage oblems, heads th round fault circuit i	electricity. Branch cir le list, followed by a nterrupters (GFCI's), in	egory is alarmingly high co cuits, ground fault protecti lack of a grounding path adequate guarding of live p	ion/assured equipment , either permanent or
fibrillation can start in 3 c can soon be fatal. At mo result in lung paralysis, u	or 4 seconds of cu ore than 10 mA th sually temporary, (rrent flow. The effects over a muscle contract over 50 mA causes usu	than 600V. At voltages as of AC current at 60 cycles p ion and "no-let-go" danger. Jally fatal heart dysfunction only encountered electrical	More than 30 mA can and from 100 mA to 4A
 construction use. Ungrounded equ current will seek a Most receptacles opportunity for the 	ipment which is v any path to earth, o have wiring secu em to become loos I boxes can lead	ery dangerous when a often through the emplo ired to the box by term se and shocking an em	inal screws, having them ι	or has a fault and the insecured provides the
	le and vehicle mo	unted electrical generation	ather or building processes ators. Regular testing and v n.	
Meeting Conducted I	Ву:			
Meeting Attended By		t Name	Signature	g
				Document Filing Reference
Notes & Suggestions			be filed in employer's safety training records	