

Foreman/Supervisor's Signature:

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

Date: Start Time: Finish Time: Foreman/Supervisor:  Topic 348: Power Lines and Equipment Operations (Part A- OSHA Requirements) Introductor: Vertice of the property of the common and serious injuries from electricity are fit too common among works expering earlied devices or tools in the vicinity of overhead power lines. OSHA has established regulations for the use of aerial devices or tools where there is the possibility of contacting power lines. Following are guidelines for safety when using aerial devices nor overhead power lines. For lines is problem of the propertion of any tools or equipment, or the moving of any building near high-voltage lines is problem of using 15 possible to one within 10 feet of the high-voltage lines.  Equipment or muchines may be operated near power lines only as follows:  * Where insulating devices that are not a part of, or attached to, the captigment have been creeded to prevent physical contact with the lines.  ** For lines rated over 50 kV, minimum clearance between the lines and any part of the equipment or load must be 10 feet plus of a finish in board and boom lowered, the equipment clearance between the lines and any part of the equipment or load must be 10 feet plus of a finish in board and boom lowered, the equipment clearance between the lines and any part of the equipment or load must be 10 feet plus of the interview of the control of the control of the portion of the control of the portion of the portion of the control of the control of the portion of the control of the control of the portion of the control of the portion of the control of the portion of the control of the control of the portion of the control of the control of the portion of the control of	Company Name:			Job Site Location:	Sub- City
Introduction: Flectrocution and serious injuries from electricity are far too common among workers operating aerial devices or tools where there is the possibility of contacting power lines. Collecting are guidelines for safety when using aerial devices near overhead power lines.  Clearance or Safeguards Required under Fed. OSHL & 1910.67 & \$1910.333:  The operation, recetion, or transportation of any tools or equipment, or the moving of any building near high-voltage lines is prohibited, if at any time it is possible to come within 10 feet of the high-voltage lines.  Equipment or machines may be operated near power lines only as follows:  * Where electrical distribution and transmission lines have been de-energized and visibly grounded at the point of work.  * Where insulating devices that are not a part of, or attached to, the equipment have been erected to prevent physical contact with the lines.  * For lines rated over 50 kV., or below, minimum clearance between the lines and any part of the equipment or load must be 10 feet plus  0.4 inch for each 1 kV. over 50 kV., or trice the length of the line insulator but never less than 10 feet.  * For lines rated over 50 kV., or trice the length of the line insulator but never less than 10 feet.  * In runsit with no load and boom lowered, the equipment clearance between the lines and any part of the equipment or load must be 10 feet plus  0.4 inch for each 1 kV. over 50 kV., or trice the length of the line insulator but never less than 10 feet.  * For lines rated over 50 kV., or trice the length of the line insulator but never less than 10 feet.  * For lines rated over 50 kV., or trice the length of the line insulator but never less than 10 feet.  * For lines rated over 50 kV., or trice the length of the line insulator but never less than 10 feet.  * For lines rated over 50 kV., or trice the length of the line insulator but never less than 10 feet of the length of the devices will not alter the requirement is never length of the length of the length of the length o	Date:	Start Time:	Finish Time:	Foreman/Supervisor:	
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	lines is prohib  Equipment or  * Where ele  * Where ins  * For lines is  0.4 inch for  In transit with for voltages of  A person must the operator to  Cage-type bood will not alter the authorities ind  Prior to work handled, the treatment of the grade	itted, if at any time it is possed machines may be operated extrical distribution and trivial time in the sulating devices that are not readed 50 kV. or below, minimust or each 1 kV. over 50 kV., or no load and boom lowered ver 50 kV., up to and include the designated to observe of maintain the desired clears om guards, insulating links, the requirements of any other incompact that it is not an energinear transmitter towers who ansmitter must be de-energed lowing precautions must be a guipment must be provided and jumper cables must be a reduced by the fixtures, or attachments of the incompact is not reduced by the fixtures, or attachments of must post and maintain in informent that is capable of very constant of the high-voltage line. The subject which would impair the 10 lines must be anticipated do not exceed under signs alerting of these signs and utilities must be acted under signs alerting of these signs and utilities must be acted under signs alerting of these signs and utilities must be acted under signs alerting of these signs and utilities must be acted under signs alerting of these signs and utilities must be acted under signs alerting of these signs and utilities must be acted under signs alerting of these signs and utilities must be acted under signs alerting of these signs and utilities must be acted under signs alerting of these signs and utilities must be acted under signs alerting of these signs and utilities must be acted under signs alerting of these signs and utilities must be acted under signs alerting of these signs and utilities must be acted under signs alerting of these signs and utilities must be acted under signs alerting of these signs and utilities must be acted under signs alerting of these signs and utilities must be acted under signs alerting of these signs and utilities must be acted under signs alerting of these signs and utilities must be acted under signs alerting of these signs and utilities must be acted under signs alerting of these signs and utilities must be acted under	sible to come within 10 fid near power lines only a ansmission lines have be to a part of, or attached to nimum clearance between the or twice the length of the did, the equipment clearance of the equipment clearance of the equipment of the clearance of the equipment of the clearance of the equipment of the equ	set of the high-voltage lines. In the lines and any part of the equipment or load in the lines and any part of the equipment or load in line insulator but never less than 10 feet. It is a minimum of 4 feet for voltages less for voltages up to and including 750 kV. In the and give timely warning for all operations of the person should be designated to signal the voices may be used on cranes. The use of such a device is required by law or regulation. If the person owning the line or the electrical unitarity grounded. In the equipment or materials be designate induced in the equipment or materials be designate induced voltages: Induced on the dissipate induced voltages: Induced on the dissipate induced voltages: Induced on the dissipate induced voltages: Induced to the upper rotating structure supposed the by boom equipment when an electrical charge in the immediate area prior to operations. In the immediate area prior to operations of the strain on the structures supporting the high uniform on each crane, derrick, drilling rig, hay loading motion, a durable warning sign legible at 12 within 10 FEET OF HIGH VOLTAGE LIN roltage line, the person or persons responsible to responsible for completing all required safety that is a leading cause of serious injury at the llowed. This tailgate/toolbox safety meeting is tices).  **Existe Review**	bint of work. Cohysical contact with the lines. And must be 10 feet. Bust be 10 feet plus  ses than 50 kV., and 10 feet  where it is difficult for the operator. devices  tility  tili



Firma de Forman/Supervisor:

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Nombre de Compañía:	Localidad del sitio	de trabajo:
Fecha: Tiempo Empeza:	ron: Tiempo Terminaron:	Supervisor:
Tópico 348: Líneas Elécti Introducción: Electrocución y seria lesión de vecindad de líneas suspendidas. OSHA ha es contacto con líneas de alta tensión. Siguiente se Espacio o salvaguardas requerido bajo OSH La operación, erección, o transportación prohibido, si en cualquier momento es peroperación prohibido, si en cualquier si líneas con índice de 50kv, o mente persona de 50kv, o doble la en transito sin carga de señalar el protectores de aquilón tipo jaula, esla grúas. El uso de tal dispositivo no a requerido por ley o regulación.  **Protectores de aquilón tipo jaula, esla grúas. El uso de tal dispositivo no a requerido por ley o regulación.  **Cualquier línea suspendida debe ser autoridad del utilidad eléctrico indica que antes de trabajar cerca torres transmenteriales siendo manejado, la transmenteriales siendo manejado, la transmenteriales siendo manejado, la transmenteriales siendo manejado, la transmenteriales de trabajar cerca torres transmenteriales de empalme para tomar a provocada mientras trabajando cerca broches de caimán u otra protección	le electricidad son muy comunes sobre tral stablecido regulaciones por el uso de disposon pautas de seguridad cuando usando disposon pautas de seguridad cuando usando disposon pautas de seguridad cuando usando disposon de cualquier herramienta o equipo, o el mosible llegar dentro 10 pies de las líneas de as cerca líneas eléctricas solamente siguiendo ción y transmisión han sido des-electrizadas y o son parte de, o fijados, al equipo han sido es nenos, espacio mínimo entre las líneas y cualquie longitud del aislante de la línea, pero nunca ro, el espacio del equipo debe ser un mínimo y, hasta e incluyendo 345kv, y 16 pies para vo observar espacios del equipo y dar avisor ador mantener el deseado espacio por maneroperador.  bón aislante, o aproximando dispositivos de alteran los requisitos de cualquier regulación considerado estar energizada hasta que e un en esta energizado y ha sido visiblemente de la sorra debe ser des-electrizado o pruebas he la Las siguientes precauciones deben ser toma directa toma a tierra al superior de la estructierra deben ser fijados a materiales manej	bajadores operando dispositivos aéreos o herramienta en la sitivos aéreos o herramienta donde hay posibilidad de hacer sitivos aéreos cercas a suspendidas líneas de alto voltaje:  novimiento de cualquier edificio cerca líneas de alto voltaje es alto voltaje.  lo siguiente:  y visiblemente conectadas a tierra en la punta de trabajo. Stablecidos para prevenir contacto físico con las líneas. Equier parte del equipo o carga debe ser 10 pies.  er parte del equipo o carga debe ser 10 pies mas 0.4 pulgadas menos de 10 pies.  de 4 pies para voltajes menos de oltajes hasta e incluyendo 750kv. Os al tiempo por todas las ras visuales. Solamente una aviso pueden ser usados en con aun si tal dispositivo es el propietario de la línea o tomado a tierra.  Te provocado en el equipo o echo para determinar si una nadas cuando necesario para etura giratoria soportando el aquilón.  Tentro de la línea o tomado una carga eléctrica es na deben ser proveídos con postes aislantes teniendo grandes la carga.
aparato, o accesorio en la estructura. Es  El empleador debe fijar y mantener en martinete, o equipo similar que es capa OPERAR ESTE EQUIPO DENTRO 10 PIES D  Cuando operaciones deben ser desemp deben prontamente avisar el operador e medidas de seguridad antes de procedie  Enteradas líneas de alto voltaje debe contratado por lo menos 48 horas antes de trabajo. No asume que utilidades se Líneas pueden ser consideradamente un Conclusión: Electrocución por accidental con vecindad de líneas eléctricas posee un peligro Eléctricas y Operaciones de Equipo (Parte-B P	ste requisito aplica a cualquier nueva posición plena vista del operador en cada grúa, ma iz de moción vertical, lateral, u oscilación, un DE LINEAS DE ALTO VOLTAJE". Deñado dentro 10 pies de cualquier línea de ade las líneas de alto voltaje. La persona avindo con cualquier trabajo lo cual violaría el el en ser anticipado durante cualquier operacide comenzar cualquier excavación para loca subterráneo son ubicadas bajo letreros avisana distancia de estas señales y utilidades debenatacto con líneas eléctricas es la primaria cau serie y las precedentes pautas deben ser segiracticas de Seguras de Trabajo).  **Revisión del Sitio de Tro	alacate, torre de perforación, cargador de heno, maquinas de n letrero durable de aviso legible de 12 pies leyendo "ILICITO alto voltaje, la persona o personas responsables por el trabajo isando debe ser responsable cumpliendo todas las requeridas espacio de 10 pies.  ción de excavación. Localizadores de utilidades deben ser alizar y marcar existente utilidades en el sitio de trabajo o área ndo operadores de la presencia de utilidades en la vecindad n ser exactamente localizadas antes de excavar.  usa de lesiones serie en el sitio de trabajo. Trabajando en la juidas. Esta junta es prevista por uso con <b>Tópico 349:</b> Líneas abajo
Peligros del sitio de trabajo y sugerencias Violaciones de Seguridad del Personal:	de seguridad:	
	li firma atestigua y verifica mi comprensión de y o	conformidad a acatar con todas pólizas y regulaciones de seguridad, nido cualquier lesión o enfermedad relacionado con el trabajo)