

ACCIDENT REPORT FATAL FACTS

ACCIDENT SUMMARY No. 11

Accident Type:	Electrocution
Weather Conditions:	Wet Ground
Type of Operation:	Remodeling
Size of Work Crew:	2
Collective Bargaining:	No
Competent Safety Monitor on Site:	Yes
Safety and Health Program in Effect:	No
Was the Worksite Inspected Regularly:	Yes
Training and Education Provided:	No
Employee Job Title:	Carpenter
Age & Sex:	33-Male
Experience at this Type of Work:	30 Days
Time on Project:	3 Days



BRIEF DESCRIPTION OF ACCIDENT

Two employees were installing aluminum siding on a farmhouse when it became necessary to remove a 36-foot high metal pole CB antenna. One employee stood on a metal pick board between two ladders and unfastened the antenna at the top of the house. The other employee, who was standing on the ground, took the antenna to lay it down in the yard. The antenna made electrical contact with a 7200-volt power transmission line 30 feet 10 inches from the house and 23 feet 9 inches above the ground. The employee handling the antenna received a fatal shock and the other employee a minor shock.

INSPECTION RESULTS

Following its investigation, OSHA issued one citation for two alleged serious violations of its construction standards. Had these standards been adhered to, the fatality might have been prevented.

ACCIDENT PREVENTION RECOMMENDATIONS

NOTE: The Fatal Facts were selected as being representative of fatalities caused by improper work practices. No special emphasis or priority is implied nor is the case necessarily a recent occurrence. The legal aspects of the incident have been resolved, and the case is now closed. Current as of: 11/01/2001.

ACCIDENT REPORT FATAL FACTS

ACCIDENT SUMMARY No. 17

Accident Type:	Electrocution
Weather Conditions:	Sunny, Clear
Type of Operation:	Steel Erection
Size of Work Crew:	3
Collective Bargaining:	No
Competent Safety Monitor on Site:	Yes - Victim
Safety and Health Program in Effect:	No
Was the Worksite Inspected Regularly:	Yes
Training and Education Provided:	No
Employee Job Title:	Steel Erector Foreman
Age & Sex:	43-Male
Experience at this Type of Work:	4 months
Time on Project:	4 Hours



BRIEF DESCRIPTION OF ACCIDENT

Employees were moving a steel canopy structure using a "boom crane" truck. The boom cable made contact with a 7200 volt electrical power distribution line electrocuting the operator of the crane; he was the foreman at the site.

INSPECTION RESULTS

As a result of its investigation, OSHA issued citations for four serious violations of its construction standards dealing with training, protective equipment, and working too close to power lines. OSHA's construction safety standards include several requirements which, if they had been followed here, might have prevented this fatality.

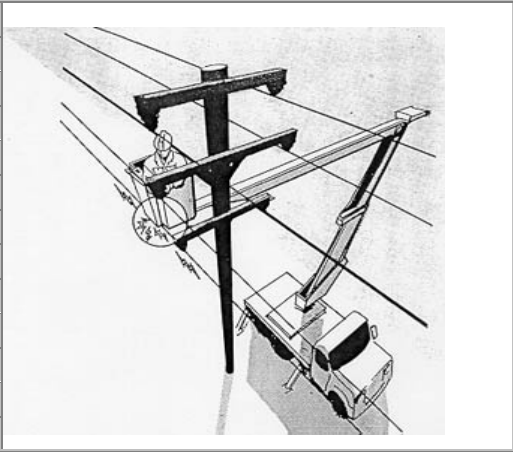
ACCIDENT PREVENTION RECOMMENDATIONS

NOTE: The Fatal Facts were selected as being representative of fatalities caused by improper work practices. No special emphasis or priority is implied nor is the case necessarily a recent occurrence. The legal aspects of the incident have been resolved, and the case is now closed. Current as of: 11/01/2001.

ACCIDENT REPORT FATAL FACTS

ACCIDENT SUMMARY No. 28

Accident Type:	Electrocution
Weather Conditions:	Clear
Type of Operation:	Power Line Work
Size of Work Crew:	2
Collective Bargaining	Yes
Competent Safety Monitor on Site:	Yes
Safety and Health Program in Effect:	No
Was the Worksite Inspected Regularly:	No
Training and Education Provided:	No
Employee Job Title:	Lineman
Age & Sex:	44-Male
Experience at this Type of Work:	11 Months
Time on Project:	6 Weeks



BRIEF DESCRIPTION OF ACCIDENT

A lineman was electrocuted while working on grounded de-energized lines. He was working from a defective basket on an articulated boom aerial lift when the basket contacted energized lines which ran beneath the de-energized lines. The defective basket permitted current to pass through a drain hole cut into the body of the basket, then through the employee, and to ground via the de-energized line.

INSPECTION RESULTS

OSHA cited the company for two serious violations and one other than serious violation of its construction standards. Had barriers been erected to prevent contact with adjacent energized lines, the electrical shock might have been prevented.

ACCIDENT PREVENTION RECOMMENDATIONS

NOTE: The Fatal Facts were selected as being representative of fatalities caused by improper work practices. No special emphasis or priority is implied nor is the case necessarily a recent occurrence. The legal aspects of the incident have been resolved, and the case is now closed. Current as of: 11/01/2001.

ACCIDENT REPORT FATAL FACTS

ACCIDENT SUMMARY No. 49

Accident Type:	Electrical Shock	
Weather Conditions:	Clear/Hot	
Type of Operation:	Masonry Contractor	
Size of Work Crew:	6	
Collective Bargaining	No	
Competent Safety Monitor on Site:	No	
Safety and Health Program in Effect:	Inadequate	
Was the Worksite Inspected Regularly:	Yes	
Training and Education Provided:	No	
Employee Job Title:	Cement Finisher	
Age & Sex:	34-Male	
Experience at this Type of Work:	10 Years	
Time on Project:	1 Day	

BRIEF DESCRIPTION OF ACCIDENT

Two employees were spreading concrete as it was being delivered by 1 concrete pumper truck boom. The truck was parked across the street from the worksite. Overhead power lines ran perpendicular to the boom on the pumper truck. One employee was moving the hose (elephant trunk) to pour the concrete when the boom of the pumper truck came in contact with the overhead rover line carrying 7,620 volts. Employee received a fatal electric shock and fell on the other employee who was assisting him. The second employee received massive electrical shock and burns. * Safety training requirement was not being carried out at time of accident.

INSPECTION RESULTS

OSHA cited the employer for not instructing each employee to recognize and avoid unsafe conditions which apply to the work and work areas. Employer was also cited for operating equipment within ten feet of an energized electrical, ungrounded transmission lines rated 50 kV or less and not erecting insulating barriers.

ACCIDENT PREVENTION RECOMMENDATIONS

NOTE: The Fatal Facts were selected as being representative of fatalities caused by improper work practices. No special emphasis or priority is implied nor is the case necessarily a recent occurrence. The legal aspects of the incident have been resolved, and the case is now closed. Current as of: 11/01/2001.

ACCIDENT REPORT FATAL FACTS

ACCIDENT SUMMARY No. 57

Accident Type:	Electrocution
Weather Conditions:	Clear/Hot/Humid
Type of Operation:	Window Shutter Installers
Size of Work Crew:	2
Collective Bargaining:	N/A
Competent Safety Monitor on Site:	No
Safety and Health Program in Effect:	Partial
Was the Worksite Inspected Regularly:	No
Training and Education Provided:	Some
Employee Job Title:	Helper
Age & Sex:	17-Male
Experience at this Type of Work:	One Month
Time on Project:	One Month



BRIEF DESCRIPTION OF ACCIDENT

One employee was climbing a metal ladder to hand an electric drill to the journeyman installer on a scaffold about five feet above him. When the victim reached the third rung from the bottom of the ladder he received an electric shock that killed him. The investigation revealed that the extension cord had a missing grounding prong and that a conductor on the green grounding wire was making intermittent contact with the energizing black wire thereby energizing the entire length of the grounding wire and the drill's frame. The drill was not double insulated.

INSPECTION RESULTS

As a result of its investigation, OSHA issued citations for violations of construction standards.

ACCIDENT PREVENTION RECOMMENDATIONS

NOTE: The Fatal Facts were selected as being representative of fatalities caused by improper work practices. No special emphasis or priority is implied nor is the case necessarily a recent occurrence. The legal aspects of the incident have been resolved, and the case is now closed. Current as of: 11/01/2001.

