Electrical Safety Stats & Facts



FACTS

- 1. Younger workers are most likely to experience electrical injuries.
- 2. Electrocutions accounted for al but one of the workplace electrical fatalities.
- 3. The risk of shock or electrocution is greatest around metal objects and in damp conditions.
- 4. Only qualified electricians should repair electrical equipment or work an energized line.
- 5. Contact with overhead power supply lines is a frequent electrical-related killer.

STATS

Fatal Electrical Injuries

- There were 136 electrical fatalities in 2017. An 11.6% drop from 2016, returning to 2015 levels.
- Contact with / Exposure to electric current accounted for 2.6% of all workplace fatalities. In 2016, they accounted for 2.9%, in 2015 2.7% and 3.1% in 2014.
- Contact with / Exposure to electric current maintained its position as sixth most common type of workplace fatality.
- 54% of all fatal electrical injuries occurred in the construction industry compared to 53% in 2016. The second leading industry in electrical fatalities in professional and business services with 20 fatalities (15%).
- The utility industry had the highest rate of fatal electrical injuries (0.74 / 100,000) followed by construction (0.70/ 100,000)
- Electrical fatalities account for 5.7% of all electrical injuries.
- Workers 16 to 17 years of age experienced electrical fatalities at 5.4 times the average for all age groups;
- 18 to 19 age group 2.4 times;
- 20 24 age group 1.8 times;
- 25 34 age group 1.5 times;
- 35 44 age group -1.1 times;