

LOCKOUT TAGOUT

Death of maintenance worker exposed to electrical hazards

CASE STUDY

02



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LOTO CASE STUDY - 2

THE CASE:

Death of maintenance worker exposed to electrical hazards

A Maintenance Worker has a Fatal Fall off the Ladder!

A maintenance worker performed his usual work, climbing on a ladder, changing ballast in an overhead light fixture, approximately 6 feet off the ground. While attempting to change the ballast, the worker sustained an electrical shock and fell off the ladder. In no time, the worker was hospitalized and later died from his injuries. What went wrong?

Considering all the factors that came into the limelight after conducting a detailed investigation and root cause analysis, it's sometimes hard to identify the root cause. Was it a lockout issue? Was it a lack of training? Or was it a case of plain negligence?

This accident could have been prevented with just a few simple steps. The first problem in this case study is the lack of Lockout Tagout safeguards. The worker was performing routine maintenance on a light fixture, which exposed him to electrical hazards. This company did not provide proper training on Lockout Tagout practices.



and procedures and required them to change ballasts without this crucial training, due to which workers were unable to properly de-energize the electrical source to prevent hazardous energy release. Had this company provided adequate Lockout Tagout training, or had proper lockout procedure been applied on the electrical hazard, this worker may not have been shocked, and may not have fallen to death.

An additional mistake is the lack of safety in regards to the ladder. While it may be minor, this worker should have had some fall protection or some other safety measure that would have prevented him from falling off the ladder. Any safety violation can be detrimental. Lockout Tagout and ladder safety procedures are safety-critical components that can save hundreds of lives each year.

E-Square is a leading Lockout Tagout manufacturer entirely dedicated itself to every employee's safety, be it - shop floor workers, factory workers, or anyone directly or indirectly involved in manufacturing and production sites, especially during maintenance or servicing. Through our mission of producing the best Lockout Tagout products globally, we are proud to create the globally most extensive range of customized Lockout Tagout products and services.

We can help you learn and understand Lockout Tagout better through our regular training sessions, surveys, audits, and other services.

“E-Square has been shaping the future of industrial safety by inventing and introducing the most required energy isolation lockout tagout devices.”



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