

LOCKOUT TAGOUT

**A Millwright was fatally injured because of
an uncontrolled release of energy while
repairing a log debarking machine**

CASE STUDY 04



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LOTO CASE STUDY - 4

THE CASE:

A Millwright was fatally injured because of an uncontrolled release of energy while repairing a log debarking machine

The Sudden Release of Hazardous Energy, Injures Millwright!

The shocking incident took place when a millwright worker was assigned to work on debarked feed rolls. He was asked to weld new metal to build up the feed roll teeth, which had become worn. He was new to this type of repair.

Six electrical sources and one pneumatic energy source needed to be disconnected and locked out to safely de-energize this machine. The task additionally required to bleed off the airline's pressure that automatically controls the up and down motion of the feed rolls. The victim disconnected and locked out two of the electrical sources, but he did not disconnect and lockout the other energy sources or bleed off the airlines's pressure. In this condition, the machine's automatic control system remained energized.



As the victim welded metal to the feed roll teeth, he leaned forward and placed his head between the feed rolls to reach areas that required more metal. The feed rolls automatically cycled and closed over his head.

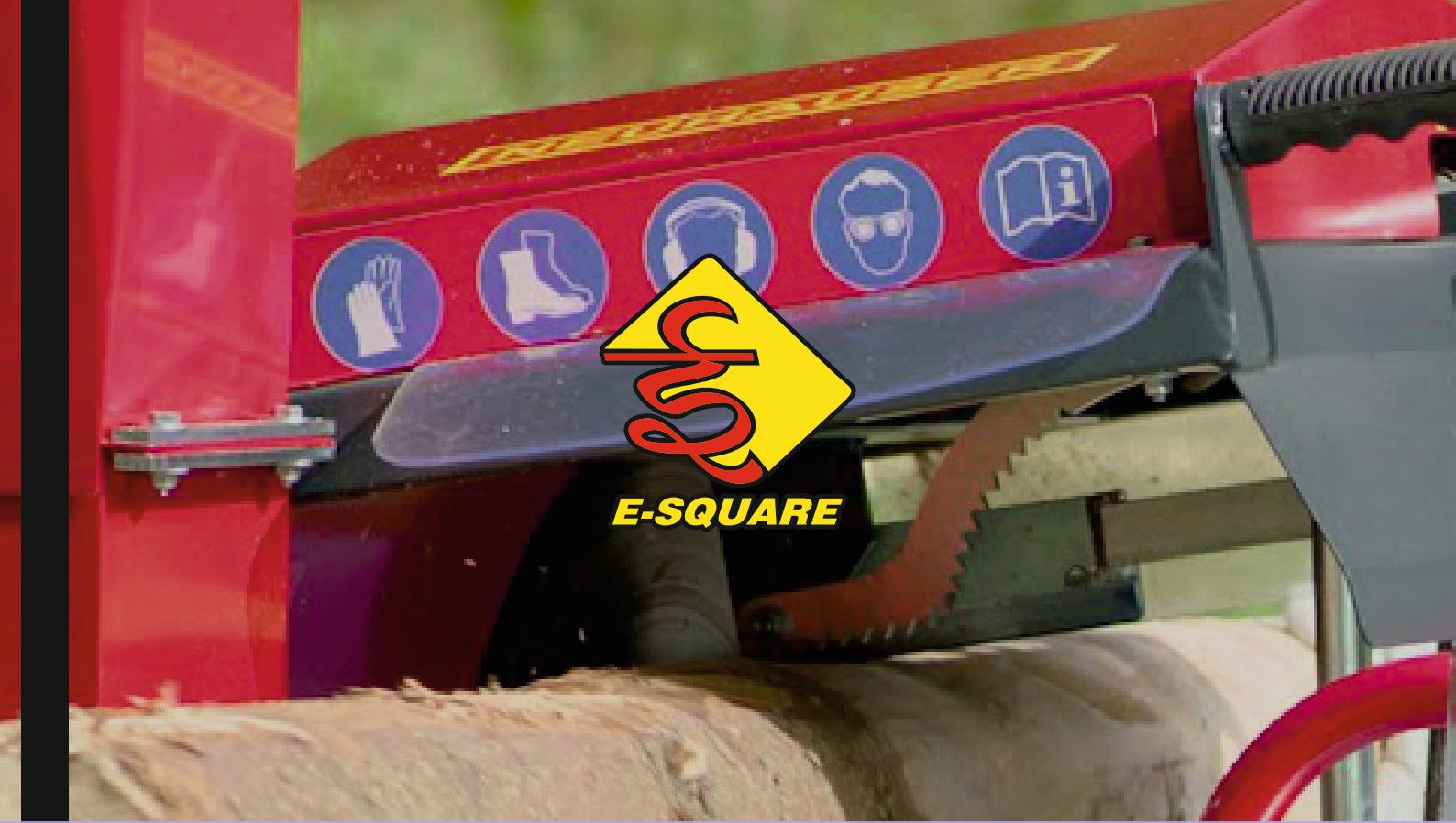
His supervisor had left to check on another machine, and when he returned, he found the millwright caught in the machine. The emergency medical services personnel took 20 minutes to reach the area of the accident and attempted cardiopulmonary resuscitation upon arrival, but the millwright had died till then.

This was an apparent incident of not following the Lockout Tagout procedures correctly and religiously. First, the millwright worker was new to this work, and therefore he required induction training before working on such hazardous energies.

Secondly, it was a careless act on the part of the supervisor not to recheck and assure whether the worker had applied LOTO on all machines or not.

Such accidents can be averted if proper Lockout Tagout procedures are followed. E-Square helps industries and companies draft their LOTO procedures and implement a culture that supports their complete Lockout Tagout program.

“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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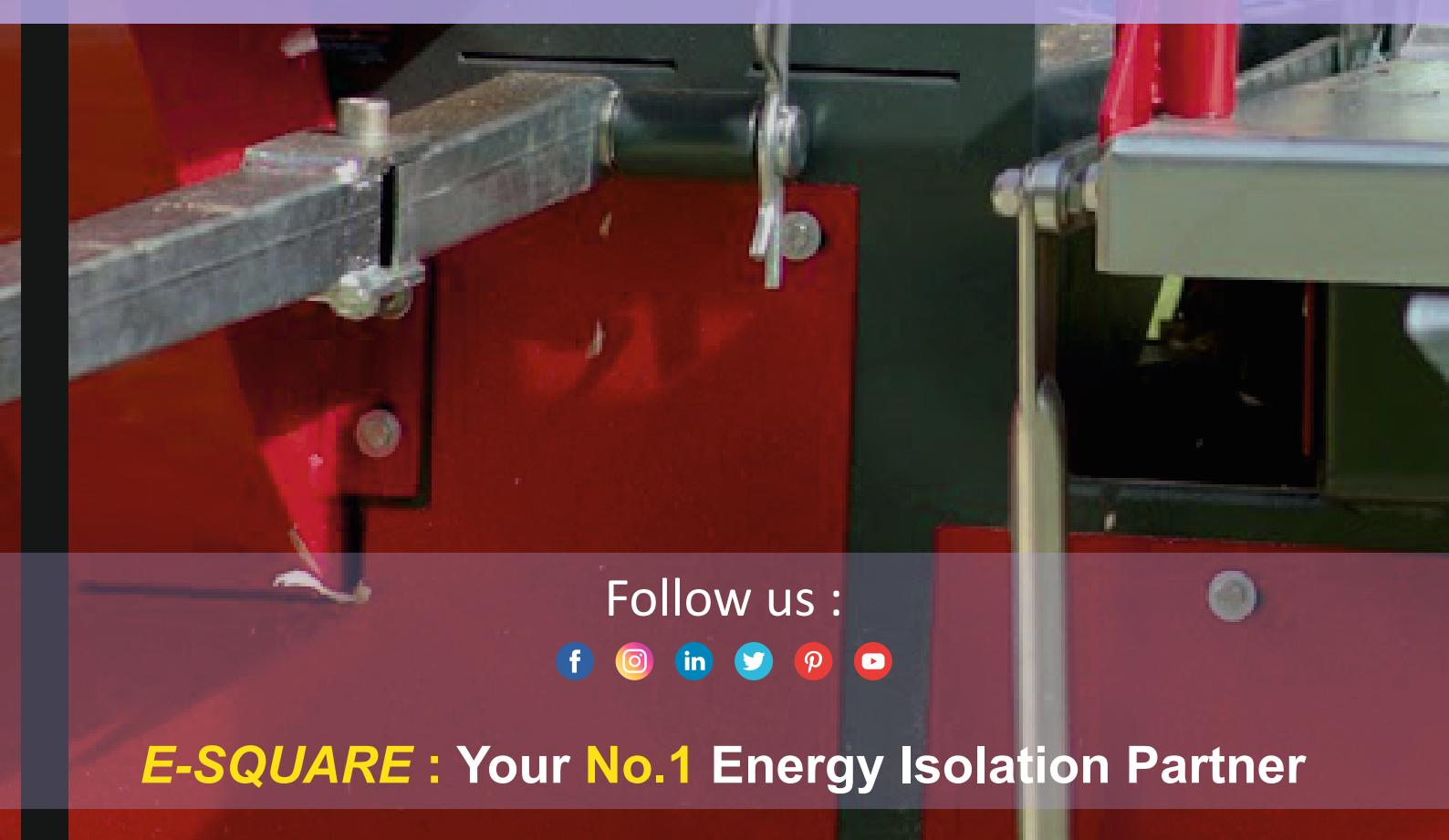
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