



LTI: Electric drill injury

Number | 2020-08

Date | November 11th, 2020

Summary: On Thursday October 9th 2020, approximately at 14:00, an incident took place in a Biomethane project located at Grand Chapelles, France.

The work underway at the time of the incident was being performed by an HZI's Subcontractor, with the purpose of drilling of a hole on a wooden wall inside the pump room in order to install a cable duct. The activity was carried out by two electricians, one on each side of the wall. Once one of them approached the wooden wall to remove the chips from inside the hole, his colleague on the other side resumed the drilling. The drill bit hit the left index finger of the injured person, causing a cut on it.

The injured person needed medical attention and the wound was treated with 12 stitches.

Outcomes:

- Hand injury

Incident Classification: LTI (Lost Time Injury)

Photos



Root Causes and Contributory Factors

Lesson Learned

Process Failures

Procedures not followed:

- Last Minute Risk Assessment (Take 5) not implemented.

Procedures not available:

- No method statement and risk assessment (RAMS) for such activity was available

Human Factor Failures

- Lack of risk perception
- Lack of communication

- Implementation of Last-Minute Risk Assessment with Take 5 tool by subcontractors at site to raise risk awareness and implement control measures.
- Ensure that RAMSs for each activity have been prepared and implemented at site.
- Shielding of the drilling area by means of barriers in order to create an exclusion zone around the risk.



Every Lesson Learned is an opportunity to avoid recurrences.
What have you done to avoid similar incident on your project?

