



CLEVELAND INTEGRITY SERVICES, INC.

Monthly Safety Newsletter

October 1, 2015

Electrical Safety

Electricity is essential on every construction site. It is sometimes called the silent partner on the job. It supplies the power needed to run tools and machines, it provides both indoor and outdoor lighting, and it powers heaters and air conditioning. When used safely and properly, it makes our lives easier. Without electricity we would live in a very different world.

But electricity is also called the silent killer because you don't hear it, see it, taste it, or smell it. If you use electricity carelessly or recklessly, or if you overlook the many hazards it presents, you may be setting yourself up for injury or death from burns, falls, shocks, or electrocution.

To protect yourself from the hazards of electricity, keep the following safe work practices in mind:

- Visually inspect electrical hand tools and extension cords before each use.
• Immediately remove defective tools and cords from use.
• Always wear the necessary PPE and use grounded or double-insulated tools.
• Never handle an electrical tool by its power cord.
• Only use extension cords that are rated for hard or extra hard use. Codes like S, ST, SO, STO, SJ, SJT, SJO & SJTO should be printed on the cords.
• Take care of extension cords. Keep them out of the way to prevent damage.
• Never yank cords to disconnect them. Reach down and pull the plug from the receptacle.
• Don't try to repair electrical cords or tools unless you are qualified and authorized to do so. Repairs should only be made by qualified electricians.
• If you are authorized to make repairs, make sure you follow lockout/tagout procedures.
• When working in damp or wet areas, only use tools protected by a ground-fault circuit interrupter (GFCI).
• Never operate electrical tools or equipment while standing in water.
• Never use makeshift wiring.
• Use 3-prong receptacles. Never break off the ground to fit an underground outlet.
• Keep equipment and activities at a safe distance (at least 10 feet) when working around power lines.
• Don't store materials under power lines.
• When working around power lines, make sure all tools, PPE, and ladders are non-conductive.
• Never touch a fallen overhead power line.

Electricity pretty much runs the jobsite. You can't avoid it, so be vigilant and careful when you are working with it.

Questions for Discussion

Can you think of any other electrical safe work practices? If so list it below.

Horizontal lines for writing answers.

Please list one or more near miss that has been addressed on your current project. What steps were set in place to prevent the potential near miss or incident from happening again?

Horizontal lines for writing answers.

In the past month have you authorized payment to a contractor for work performed? Please give an example.

Horizontal lines for writing answers.

In the past month have you rejected any work performed by a contractor based on your judgment of the work quality? Please give an example.

Horizontal lines for writing answers.



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Near Misses Reported in September

Vehicle/ Flagger Safety:

Vehicles did not have proper visibility between the two hills, when vehicle proceeded down the hill a parked haul truck was nearly struck by vehicle.

Flaggers were put at top of both hills to direct traffic.

Truck hauling product got stuck and caused vehicle to nearly overturn due to road conditions.

The direction of which deliveries were being made was changed. Delivery risk were added to JSA and clients job book.

A flagger was looking down and not paying attention to traffic as a trailer was being unloaded, luckily the semi-truck driver was paying attention and stopped.

Work was stopped, flaggers were remind of importance of paying attention at all time and the zero tolerance for not paying attention or cell phone use during flagging operation.

Use of a Spotter:

Contractor was spotting for a truck driver from the wrong side and putting himself in possible crush situation.

Stopped the project and discussed the proper way to spot with the crew.

Line of fire:

While blowing out a process pipe for preparation to weld, all valving was not accounted for and an oily sludge was blow out onto a pipefitter. There were no injure.

Before pipes are blown out now all valving will be checked and the area will be cleared of workers to prevent this from happening again.

PPE:

A welder was grinding without eye protection.

The work was stopped and the welders were reminded of the importance of eye protection as well as the company policy for eye protection while using grinder.

Safety Alert

While assessing the work area to determine where to place a flare. The inspector and the crew foreman were walking above ground flow lines to determine their routes. The work area at this time was heavily vegetated with scrub brush and grass and weeds. As they were walking the foreman grabbed the inspector by the shoulder thereby preventing him from stepping on a rattlesnake that he had not seen crossing his path. Snake was put under constant observation until it had vacated the work area.

Discussion then held with all crew members to be constantly aware of your surroundings and to watch foot and hand placement, and that this being the fall season that it is one of the most active times for snakes prior to their winter hibernation. Work area was then cleared of all vegetation

You guys be safe and have a blessed day.

Name: _____ Signature: _____

Job Title: _____ Date: _____