What are you Getting from your Mud Schools?

“A
n unfortunate event resulting especially from carelessness or ignorance” or “an unforeseen and unplanned event or circumstance” is how merriam-webster.com defines an accident. No one plans an accident. You don’t leave your house in anticipation of a fender bender, nor do jobsite and workplace accidents schedule a time— they happen. Unfortunately, you can be doing all the right things and wearing the proper personal protective equipment (PPE), and still the unforgettable happens.

Recently, our parent company asked each of the divisions to conduct a safety stand-down. What made this event different was that it was being tailored to the individual divisions and areas that affected them on a day-to-day basis. While there was still focus on bentonite plant and office safety, our division focused more on jobsites and travel issues. While some precautions overlapped, our field team had some very group-specific issues to address.

As a producer of bentonite, polymers and additives used in the drilling industry, the team makes regular site visits to consult and advise on the use of our product. Steel-toed boots, hard hats, safety vests, eye and ear protection, and respirators are required gear; on certain jobsites, regulations may require dielectric boots and shoes.

Something as simple as a safety vest can require thought, depending on the jobsite location. Do you know when you need a Class 2 versus a Class 3 safety vest? Are you wearing the proper safety vest for the jobsite you are on?

• Class 2 vests are needed on a roadway where traffic exceeds 25 mph. These vests do not have sleeves.
• Class 3 vests must be used when working on a roadway where traffic exceeds 50 mph. Class 3 is usually used by roadway construction workers, utility workers and emergency service personnel. Class 3 vests have sleeves because the ANSI code states that the vests in this class must have retro-reflective material between the shoulder and elbow.

Hard hats, safety glasses and other PPE all have specific designations like the vests. I recommend that you discuss your needs with your PPE supplier.

Each industry we serve is very different depending on product usage, site footprint and site-specific regulations. A foundation site will have a series of tank farms that require steps, catwalks and certain risks while sampling the fluids. Drill shaft safety includes watching for open shafts that only the fluids. Drill shaft safety includes watching for open shafts that only the fluids. Drill shaft safety includes watching for open shafts that only the fluids. Drill shaft safety includes watching for open shafts that only the fluids. Drill shaft safety includes watching for open shafts that only the fluids. Drill shaft safety includes watching for open shafts that only the fluids. Drill shaft safety includes watching for open shafts that only the fluids. Drill shaft safety includes watching for open shafts that only the fluids.

An additional set of risks. During our stand-down, the group provided the following list of safety precautions when on a HDD jobsite. While this partial list was developed by our technical managers, it is good for any workers pulling samples onsite.

• Do not lean on or touch the rig or the driller. Stay clear of the safety zone around the rig (marked with safety tape or cones).

In the event that the electrical strike alarm sounds, stand still and do not move until the source has been disengaged or the site safety coordinator instructs you.

• When taking mud samples, inform the driller you are going to take a sample. Do not approach the pit until drilling has stopped. Additionally, on deep pits ensure that a steel safety box is in place to prevent cave-ins.

During the stand-down, we also discussed travel, both domestic and overseas. To reduce distracted driver accidents, best practice is to set up hands-free phone systems and adjust mirrors prior to exiting rental car lots. Pulling over during intense conversations (hands free or not) is a good idea, so concentration is not diverted. In addition, use caution whenever exiting taxi or ride-share vehicles in high-traffic areas.

You can be doing everything right at a jobsite or during travel and still get hurt. Accidents occur even when we try to anticipate and prepare.

A foundation site will have a series of tank farms that require steps, catwalks and certain risks while sampling the fluids. Drill shaft safety includes watching for open shafts that only the fluids.

Accidents occur even when we try to anticipate and prepare. Activities like mud sampling are easy to set safety rules for; it is the human factor that cannot be anticipated. I can offer a few examples:

• On a recent jobsite a worker was refueling the rig. A normal task, right? Then my technical manager noticed the lit cigarette in his hand. These types of incidents need to be reported to the site management immediately.
• Unsecure drill rigs or uneven ground can also be accidents waiting to happen.
• What about the simple act of looking up prior to raising the derrick on a water well rig? It sounds simple, yet we hear of derricks raised into the electrical wires every year.

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