

## *Breakdown In Procedure*

### Industry Alert-Non GIS

We are aware of a recent incident that took place on an offshore location in which a procedure to demo cable was not followed. As a result, a cable was damaged, and the potential for major injury was present.

An employee was assisting another employee in preparing to remove cable from a cable tray. A 110 volt CLX cable believed to be de-energized was cut inadvertently prompting the breaker to activate. The incident resulted in no injuries; however, further investigation into the cable demo procedure deviation has been initiated.

#### Facts:

- The specific procedure for removal and cutting of cables from cables trays was not followed.
- Potential hazards and mitigation of hazards were outlined in pre-job JSA; however they were not followed through in the operation of the task.

#### Corrective Actions:

The Cable demolition procedure is designed to eliminate cutting live electrical cables that could result in a serious injury and/or property damage. Before removing any cables ensure that the following is adhered to:

- A **detailed** JSA shall be complete prior to performing any work on this procedure and accompany a valid Work Permit.
- Cable Demolition Procedure shall be on the job site along with the Permit and JSA when demoing of cable is to be performed.
- **Isolate** cable prior to beginning work (i.e. removing from the cable tray/rack and have cable completely on the ground).
- Proper PPE shall be worn where applicable when working with any cables 0-600 VAC OR 0-120VDC.
- All "competent persons" **shall** assure themselves and other personnel that the cable to be removed has been de-energized with voltage meter before proceeding with cable removal.
- All cables **shall** be tagged at the end of each work session (i.e. breaks, lunch, end of work day) while demolition is in progress and have a numbered cable I.D. tag affixed.
- A "pause session" **shall** be held with the Demolition Crew and Superintendent after each break of more than 30 minutes. Note: Cable will also be re-verified with voltage meter to ensure the cable is de-energized. **ALL** cables **shall** be disconnected on **both** ends before demo begins.

Hold a safety stand down with all workers to review the incident and the potential consequences that could have resulted. Have the workers engage in conversation, and work together as a team to eliminate these types of incidents in the future.

#### Stop Work Authority:

- It is each employees **responsibility** to follow the JSA's, should a job scope change during the course of the day, SWA must be used, and a new JSA must be written, outlining the new steps and hazards/mitigation of the job.
- Personal accountability comes into play in this instance. Regardless of good intentions or performance of others, each individual must hold themselves accountable by following the proper procedures put in place for his/her safety.
- It is the responsibility of every employee to institute **STOP WORK AUTHORITY**. If something doesn't seem right, it probably isn't. In this circumstance, an employee knowingly disobeyed outlined procedures. Call a safety pause any time job conditions change or could change. Take personal accountability for yourself and ensure your safety. Your family depends on it.

