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ESH&S



Agenda

- Safety Staff
 - Juvenal (J.) Borrero – Program Safety Manager
 - Michael Hohne – Program Safety Spec/Advisor
- Safety Qualification Process
- D&A Requirements
- Project Safety Goals
- Loss Control Manual
- Specific Conditions & Hazards
- Tennessee 811
- Paperwork Submission
- Questions

- **Prime Contractor Qualifications & Approval**
 - First step is to register at the following web address and reference “SARP10 Program” in the Products, Services, Location(s) field Web Address
<http://bv.com/home/capabilities/service/Procurement> Then select **Supplier and Subcontractor Registration**, on the left hand side of the screen. Send an email to Ginny Dorsey DorseyV@bv.com when this step has been completed.
 - During the second step, a Black & Veatch Sourcing Specialist will send a separate email requesting additional information for review and approval by Black & Veatch / OCI. The more expedient the information is received the sooner a decision is reached. This is not a fast process!

- Sub-tier Qualifications & Approval
 - Must submit the “Request for Lower Tiered Usage Form” for every sub-tier
 - Sub-tier must be approved by OCI prior to contracting
- SARP10 will be reviewing for:
 - EMR < 1.00
 - Recordable Rate <3.5
 - DAFW < 1.2
 - Fatalities in past 5 years
 - OSHA citations in past 5 years

• 3rd Party Triage Requirement

- Contractor shall retain the services of a third party medical triage company that meets the following criteria
 - Must employ medical doctors that understand occupational medicine and the rules set forth by OSHA for first aid treatment of work-related injuries and illnesses.
 - Ability to provide virtual real-time consultation with medical doctors for injury triage, with the injured worker.
 - Available 24 hours a day, 7 days per week, and 365 days per year.

Contractor shall require retention of identical services for each subcontractor, with the further requirement that each lower tier subcontractor shall include identical requirements in any lower tier subcontracts, which might in turn be made.

- **Pre Project D&A screening for all employees within 10 days of work start.**
- **10% Random D&A Monthly**
- **Post incident and For cause when needed**
- **All testing reported using provided form. DO NOT send actual results to SARP10**

- **No Recordable or Lost Time Incidents**
- **Report all Incidents immediately**
- **Use opportunities to improve our safety process**

- The LCM is our program safety manual, you are responsible to know and understand the requirements for yourself and your sub-contractors!

The manual covers:

- General Safety
- Emergency Procedures
- Security
- Environmental Operations Plan

You can get a copy by contracting myself or going to www.sarp10.com/facts and downloading it. The download is viewable by computer, phone or tablet.

Current LCM **Rev 8.1**

Specific Program Requirements

- **ANSI Class 2 cut resistant gloves at all times**
- **No open blades/knives allowed**
- **No Smoking within 50 ft of any open manhole or trench.**
- **Use of BV Safe**

JHA (Job Hazard Analysis)

- **Outlines all primary components of operations for the entire length of project, shows hazards for each operation, and recommendations on how to make it safe**
 - **IH Monitoring**
 - **Done before field work begins**

STA (Safety Task Analysis)

- **Outlines specific tasks for day, hazards for each task, and how to protect employees while doing procedures**
 - **USE JHA FOR REFERENCE**
 - **1 STA per crew Daily**
 - **NO PRE PRINTING/TYPING**
 - **NO PHOTO COPYING**

- Confined Space program
 - Program uses one permit
 - Training and certification (**Annual**)
 - H₂S, methane gas monitoring; continuous monitoring required
- Access & egress reviews
- Fall Protection requirements (6' no exception) this includes open man-holes.

Trench & Excavation Process:

The T&E process applies to any work task that breaches, scratches, etc. the earth's crust.

- Contractor identifies area to be disturbed
- Contractor paints outline of area being disturbed and one call perimeter markings. Note: Tennessee Law requires the use of white paint.
- Contractor calls in or submits online to Tennessee One Call and checks back with One Call at the end of 72 hours that all utilities have responded. The 72 hour window for one call does not include weekends or holidays. <http://www.tenn811.com> Note: The website works on mobile phones and they have apps available for IOS and Android that are free.
- Once one call has marked the area contractor takes photos showing the marks from multiple angles such as with traffic, against traffic, and a side view.
- Contractor fills out and submits the T&E form including the 811 ticket number and includes pictures of marked area. These are to be submitted through email or drop box **at least 24 hours before work is scheduled to begin**. If the information is not submitted or submitted less than 24 hours it will be rejected and work will not be allowed to be done. Emergencies (as defined by Tennessee law) will be handled on a case by case basis. These should be emailed to myself, Nolan Mills and Joe Collins.

Trench & Excavation Process Continued:

- SARP10 reviews submitted paperwork and makes corrections if needed
- T&E permits will be updated if conditions change while work is being performed or if work continues past the end date listed on the T&E permit. (During the work if anything changes the T&E paperwork must be updated)
- A signed hard copy of the T&E must be onsite with the crew doing the work, prior to work starting. Inspectors will sign for SARP10
- Perimeter of dig must be hand or hydro excavated to a depth of 4 ft.
- No mechanical excavation is allowed within 36 inches of a marked utility or 18 inches of a identified utility
- If there is a utility strike 811 and the SARP10 team must be notified immediately. Other authorities will be contacted as appropriate by contractor, for instance if gas line is struck and leaking fire department will be called.

Failure to have valid T&E permits and paperwork can result in a *Rules to Live By* violation for an employee and/or a contractor EH&S write up.

Think. Plan. Act. ZERO INJURIES TODAY

Trench & Excavation

- Do NOT start any excavation activities without a Trench & Excavation permit, and comply with all requirements.
- Excavations must be properly sloped, shored or shielded before entering, and proper access/egress must be in place.

Operations

- Follow all Lock Out / Tag Out procedures at all times.
- Comply with all requirements of Confined Space Entry permits and DO NOT enter a confined space without a permit.

Drugs/Alcohol

- Drugs and alcohol have NO place in the work environment.
- Do NOT come to work if you are under the influence of illegal drugs or alcohol.

At Height

- Comply with the Fall Protection procedures when working above the applicable working height.
- Always use 100 percent of the fall-protection techniques when tying off.

You

- Make a difference today. Don't walk by any unsafe situation and be a SAFETY LEADER.

These rules are established to ensure you return home safely each day.

Employee Involvement Process (EIP)

- It's what we typically do naturally, but more...
- It's how we involve our employees in the safety process
 - Workers reviewing workers for “safe” and “at-risk” actions and sharing what you learned that was good and an opportunity for improvement
- Belief that we all want to work safely and look out for our co-workers.
- Simple way to identify if our culture is improving or needs support.
- Way to improve safety and decrease injuries.

People Matter Most

Interactive discussion that provides opportunities for people at all levels to better understand behaviors and safety culture.

Weekly Paperwork Due Tuesdays by Noon

Required submittals by all contractors

Daily STA's

Weekly First Aid Log

Weekly Safety Meeting Roster

Employee Observation Cards

The following documents will be required if applicable to scope of work

Equipment Operators Checklist for each piece of equipment on site

Daily Trench and Excavation Inspections

Rigging Inspection checklist

Confined Space Entry Hazard Assessments and Permits

Crane Inspections

Hot Work Permits

Monthly Paperwork due by 5pm the 3rd of every month

Completed LMMS form with your and your sub-contractor information

Random D&A letter for you and each of your sub-contractors

Failure to submit deliverables by established deadline will result in disciplinary action for that contractor.

Questions ??

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<http://www.sarp10.com/facts/>