10 QUESTIONS FOR ELECTRICAL SAFETY

Electrical Safety: recognizing hazards associated with the use of electrical energy and taking precautions so that hazards do not cause injury or death.

1. PRE-JOB BRIEFING
   - Are all essential team members, including onsite contractor and subcontractors, present at the pre-job meeting? Does everyone understand:
     - the hazards,
     - their roles & responsibilities,
     - what to do if an incident occurs.

2. PLANNING & PROCEDURES
   - Does the job have clear and complete:
     - Scope,
     - Location,
     - Electrical Safety Procedures,
     - Permit to Work controls,
     - Mitigation measures,
     - Is there a rescue plan?

3. COMPETENCY & AUTHORIZATION
   - Are all team members competent and authorized to carry out the assigned electrical work?
   - Has signed authorization been obtained for switching, testing and work on electrical systems?
   - Are all team members prepared to execute a rescue if necessary?

4. EQUIPMENT ISOLATION
   - Has all electrical equipment been de-energized and isolated in line with Electrical Safety Rules and Procedures?
   - Have remote methods been considered?

5. LOCK OUT-TAG OUT
   - Have locks and tags been installed at electrical isolation points in accordance with Safe Isolation (LOTO) procedures?
   - Are tags properly filled-in and substantial, weatherproof and secure?

6. TEST BEFORE TOUCH
   - Has the isolation been tested to verify absence of voltage?
   - Has the test device been verified?
   - Has Earthing (Grounding) been applied, where required?
   - Have the test leads been tested on a known live circuit?

7. BARRIERS & GUARDING
   - Are physical barriers, protective equipment, special tools and other controls to prevent harm to personnel in place?

8. PERSONAL PROTECTIVE EQUIPMENT (PPE)
   - Is the appropriate level of PPE used to minimize exposure to shock and arc flash hazards?
   - Is the condition of the PPE acceptable for use?

9. UNDERGROUND & OVERHEAD POWERLINES
   - Is it possible to make contact with underground cables or overhead power lines?
   - Are adequate controls in place to avoid contact?

10. PORTABLE ELECTRICAL EQUIPMENT
    - Has temporary and portable electrical equipment been inspected and approved prior to use?
    - Are portable power tools and personal devices inspected and approved for the area classification?

STOP THE SHOCK
stay current and avoid the current