

# FUNDAMENTALS FOR FATALITY ELIMINATION

## (VIDEO- SIGNOFF)

### 1. Risk Assessment

- Each Company must have a documented Risk Assessment Policy in place and it must be communicated to all locations.
- Risk Assessment policies must specifically address non-routine tasks; work carried out by contractors and temporary employees, construction work and off-site delivery procedures.

### 2. Mobile Plant Safety

- Each location must have documented site transport rules in place, based on a site transport assessment which, at a minimum, addresses:
  - Vehicle-pedestrian segregation
  - Edge protection for slopes/benches
  - Driver Training rules and assessment
  - Vehicle rules- speed, alarms, reversing systems, testing, and use of mobile phones.
  - All drivers must be trained and regularly assessed and must carry out documented daily pre-use company vehicle inspections for both on-site and off-site use.
  - Seat belts must be worn by all drivers.
  - All loads must be secure and within vehicle weight limits.

### 3. Isolation of Operating Machinery

- Each location must have a documented lock-out/tag-out policy incorporating machine specific lock-out/tag-out rules.
- All employees must be trained in the policy and all relevant employees trained in machinery specific rules for lock-out/tag-out.
- Each location must carry out and document regular checks of the integrity of lock-out/tag-out and interlock systems.

### 4. Machinery Guarding

- Each location must maintain a documented system for regular checking of machinery guarding.
- No machinery may be operated without all tail pulleys, pinch points, exposed shafts and exposed moving parts being appropriately guarded.
- No machine may be put into operation after maintenance without authorization.

### 5. Confined Space Entry

- All locations must have a documented confined space entry policy and supporting rules for each confined space identified on site.
- Employees must seek prior authorization to enter a confined space and documented authorization procedures must form part of each location's confined space entry policy.
- Shoring or appropriately designed sloping must be provided for all excavations over 1.5m (5 feet) in depth.
- All employees at each location must be trained in confined space entry rules.

### 6. Working at Heights

- All locations must carry out a Risk Assessment related to working at heights and document location-specific and task-specific operating rules.
- Collective measures and/or personal protective equipment must be provided in all cases of working at heights, consistent with the findings of the location Risk Assessments.
- Specific training must be given to all relevant employees relating to working heights.

## **7. Lifting Operations**

- All operators of lifting equipment - static or mobile – must be trained in the operation of the equipment.
- Specific areas where lifting can take place must be designated “out of bounds” to personnel during lifting.
- Documented checks must be carried out on personnel competency, equipment certificate and loading rates in accordance with a defined location specific policy.

## **8. Under ground and Overhead Utility Dangers**

- A documented Risk Assessment must be carried out for all underground work and must include site surveys for utility lines.
- A documented Risk Assessment must be carried out for all lifting operations and for the use of mobile cranes and excavators taking specific account of overhead utility lines.

## **9. Use of Personal Protective Equipment (PPE)**

- Each location must have a documented PPE policy for all areas of operation and for specific tasks where relevant.
- No employee will be permitted to work without the required PPE.
- Daily visual inspections of PPE use must be carried out at each location.

## **10. Conveyance & Storage of Materials under Pressure**

- All pressurized conveying and storage systems for solids, liquids and gases must be designed with pressure relief systems which must be documented and regularly checked.
- Site maintenance schedules must include regular checks on the integrity of pressure relief systems. No pressurized conveying system containing a defective pressure relief system may be operated.

## **11. Blasting Operations**

- Each location, where blasting takes place, must have a documented site specific “safe blast policy” and implementing rules.
- All employees carrying out blasting operations must be trained in the site specific rules.
- Operating records of all blasts must be maintained.

## **12. Work Zone Safety**

- Obey all Laws and Regulations Applicable to Work Zone Safety
- Compliance with the MUTCD and OSHA regulations is a necessary first step in providing a safe work environment. However, these sources taken together, do not provide comprehensive guidance to ensure worker safety in highway work zones.
- We face the challenge of providing a safe workplace while ensuring the safe movement of the public through the work zone. Highway and street construction presents a complex work situation in which workers face multiple injury risks under conditions that may change without warning.

## **13. Employee Involvement**

- Is SLT an ongoing process for this company?

- Are there SLT trained facilitators available within the company?
- Is there a process for reporting Near Misses at this company?
- Are there weekly tool box talks conducted & documented at all sites?
- Are there safety committees or equivalent in place that engage employees across all levels of the organization?

**14. Housekeeping- 5S**

- Has the 5-S program been implemented?
- Is the 5-S program being sustained? Is it an ongoing process?

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Contractor Name

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Signature

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Date

