

ENERGY ISOLATION / LOTO



INSTRUCTIONS

1. Discuss the fatality and how it relates to our operations
2. Review LSA Visual Reference Guide
3. Utilize the safeguards as a reference
4. Have an open discussion on the following engagement questions

1 FATALITY

- A laborer was caught between the return roller and the conveyor belt of an El Jay Shaker Screen.
- Carpenter apprentice was fatally injured when a steel form that he was moving came in contact with a 480-volt feeder line.
- While working on electrical equipment, an electrician was fatally injured when the line became energized.
- We have lost 15 people to Energy Isolation / LOTO in the last 60 years.

4 ENGAGEMENT QUESTIONS

- 1 Does anyone have a story to share about an energy isolation incident and how it affected you and others?
- 2 If we identify that a safeguard doesn't apply to our work, what steps should we take next? If a critical safeguard is missing before starting work, how do we address it before proceeding?
- 3 What do we do if we are uncertain of what a safeguard is?
- 4 If a safeguard is not in place, who could this affect and how?

2 REVIEW

**LSA Visual Reference
Energy Isolation /
LOTO [27]**



3 UTILIZE SAFEGUARDS AS A REFERENCE

- Hazardous or residual stored energy has been identified, released and / or restrained.
- The system / equipment being worked on is isolated from all energy sources including back feeds.
- The system / equipment has been zero energy state tested prior to work.
- The correct personal protective equipment (PPE) is being worn for the operation.
- The Authorized Person(s) have been trained and designated as per the LOTO policy.
- The Authorized Person(s) working have placed their own lock at each location required for the LOTO.