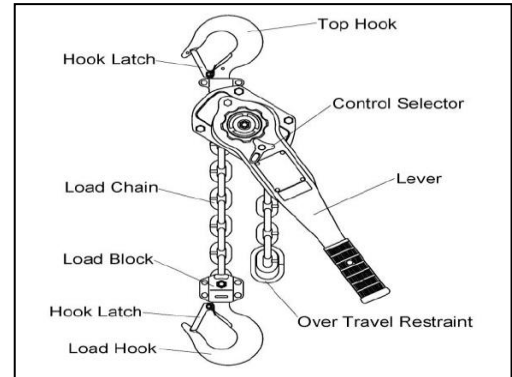


Date: August 19, 2021

Purpose of Incident Hot Sheets:

- To make all jobsites aware of any significant incidents
- To make sure all jobs have relayed the information to all Cajun employees through documented tool box safety meetings

Employee Struck by Broken Link from Lever Chain Hoist



Description of the incident:

Diagram of Lever Chain Hoist

A Cajun jobsite recently experienced an incident that resulted in an employee being injured by a broken link of a lever chain hoist that was being used improperly. A crew was tasked with adjusting the two caisson clamps of a vibratory hammer from 48-inches to 24-inches. The load chain of the lever chain hoist had been wrapped around the caisson clamps and the load hook and top hook of the chain lever hoist had been connected together.

In theory, cranking the hoist would pull the caisson clamps together. However, the wedges of the caisson clamps had not been properly loosened which resulted in the load chain of the lever chain hoist binding down on 4 sharp edges of the caisson clamps. One of the edges of the caisson clamp bit into a link of the chain causing damage to the link, reducing the capacity of the chain. The damaged link ultimately snapped, which caused the load chain to break free and injure an employee.

The investigation revealed that the crew had improperly rigged the lever chain hoist to the caisson clamps by attaching hook to hook and using the load chain as a sling. This action as well as the route utilized around the caisson clamps put the load chain in a bind around four 90-degree corners. Also, employees were unnecessarily positioned within the line of fire of the load chain allowing for multiple people to be struck in the event that the load chain failed.

Prevention:

1. Fatalities or injuries can occur if the lever chain hoist has been damaged or is missing parts.

Prevention → Follow manufacture guidelines for inspecting a lever chain hoist

Prevention → Tag out and remove tools that do not pass inspection

2. Fatalities or injuries may occur when workers use a lever hoist improperly

- a) When the chain is not in a straight line pull
- b) To lift or pull more than the hoist's or come-a-long's rated capacity

Prevention → Follow manufacture guidelines for proper use and hook configuration

Prevention → Prior to use, know the maximum weight of the object being hoisted or pulled

Prevention → Employees are to be trained on how to use a lever chain hoist

(see Cajun Small Tool Training – Lever Hoist/Come-along on the Intranet)

Required Action:

In order to ensure that this message is being disseminated companywide and that all jobsites clearly understand the requirements, we are asking that the following actions be completed:

- **All superintendents** must fill out the following acknowledgement and return by **September 10th, 2021**
- Regardless of how many superintendents are on a project, each one must turn in an acknowledgement.

If you have any questions or comments regarding this Incident Hot Sheet, please contact your Business Unit Manager of Safety or Senior Construction Manager.

IHS # 54 : Employee Struck by Broken Link from Lever Chain Hoist

Acknowledgement:

All Cajun superintendents are required;

- To acknowledge that this Incident Hot Sheet has been received,
- To relay the information to all employees, and
- **Sign and return this acknowledgment to Brody Fontenot** (Corporate Safety Coordinator) **in the Baton Rouge Office or scan & email to brodyf@cajunusa.com**

Superintendent Acknowledgement (Print)

Employee Number

Job #

Superintendent Acknowledgement (Signature)

Date Acknowledged

Date site in compliance

“This Incident Hot Sheet was prepared to share knowledge within the Cajun organization in order to improve safety, performance, efficiency, and organizational learning. It may not be applicable elsewhere and should not be distributed outside the Cajun organization. It is based upon our good faith investigation of the matters discussed and does not attribute blame, responsibility, or fault to any person or organization.”