## TOOL TRAINING CHAIN COME-A-LONG

### **Kiewit**

This training document provides a summary of the minimum expectations for using a come-a-long. As required by the manufacturer, always read the owner's manual. Come-A-Longs that have 'built-in' safety features like slip clutches and load limit warning handles are recommended!

### ZERO EXCEPTIONS:

Come-A-Longs shall be used with prior approval from the superintendent, addressed on the JHA, and be noted under 'Other Equipment' on the Start Card. Employees must have documented training prior to operating a come-a-along.

#### NOTE: Cable Ratchet Pullers are prohibited!

#### Pre-Operational Visual Inspection:

- A warning tag and name plate with code number, lot number and serial number shall be attached to hoist.
- Check all functional operating mechanisms for proper operation, adjustment and check for unusual sounds and check hoist braking system
- Inspect hooks and latches, load chain and chain reeving
- Check hoist body and lever for deformation, cracks and other damage



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#### Pre-Operational Checks and Procedures:

- Ensure chain stopper link is installed on the second to last chain link on the non-load end of the chain
- Verify load chain is not twisted or tangled
- Prior to attaching the hoist, ensure that all attachment points and supporting structures are adequate to support the hoist and the load.
  <u>\*Engineering may be required!</u>
- Ensure that the fixed suspension point rests on the center of the hook's saddle and the latch is engaged

#### Using the Lever Operated Chain Host:

- Always ensure your hands/fingers are clear of the chain guide!
- Be prepared for the sudden release of stored energy!





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- DO NOT use hoist before reading the owner's manual
- DO NOT operate hoist with other than manual power
- **DO NOT** use lever hoist with extension on lever handle
- DO NOT use hoist to lift more than rated load
- DO NOT operate if restricted from forming a straight line from hook to hook in the direction of loading
- DO NOT use hoist if chain is twisted, kinked or damaged
- DO NOT use the hoist chain as a sling
- DO NOT use hoist if it is damaged or malfunctioning
- **DO NOT** use in a way that causes either hook to be side loaded
- DO NOT support load on hook tip
- **DO NOT** use hoist to lift loads over people
- DO NOT use to hoist to support people
- DO NOT use if hook latch is missing or malfunctioning



Make sure the unit is securely attached to a suitable support before applying load



Make sure load slings or other approved single attachments are properly sized, rigged and seated in the hook saddle



Make sure all persons stay clear of the supported load



Protect hoist's load chain from weld splatter or other damaging contaminants



Warn personnel before lifting or moving a load

- Maintain housekeeping and access to allow firm footing while operating the hoist
- Use hook latches and ensure they are closed: latches are to retain slings under slack conditions only





# SIGN OFFS

Project:	Date:	
Superintendent:	Forema	n:

CREW MEMBER SIGN OFF		

