

PURPOSE:

This best practice is for use by qualified A/D directors. Its purpose is to identify safe work practices and eliminate foot hazards when cribbing boom during assembly and disassembly of boom tip sections.

PROCESS:

In addition to the Pre-task meeting, the designated A/D director will complete a checklist before beginning assembly/disassembly. During this process, the A/D director will identify the proper size of cribbing, tools, personnel, etc. needed to safely execute work.

- Each assembly/disassembly should be in accordance with the owner’s manual per the make/model crane
 1. Any necessary variance must be approved by the manufacturer and Construction Manager.
- When Cribbing is needed (to be determined by the A/D Director) to be used for lowering/raising the boom for assembly/disassembly:
 1. Cribbing shall be placed at each connection a minimum of 4’ from the pin-up point at the section to be connected/removed
 - i. The 4’ distance will reduce potential for foot injuries should the boom deflect.
- High visibility cones shall be placed on the cribbing on both sides of the boom to prevent employees from placing feet on the cribbing
- High visibility cones will also be placed at the end of the boom to prevent employees from placing feet near pinch point
- For removal of tip section: Additional cribbing and/or wedges will be used to minimize the gap between the boom and the cribbing when connecting/disconnecting boom leaving a maximum allowable gap of 1”
- The first bottom pin to be removed will be on the side opposite of the operator’s cab. The second bottom pin to be removed will be on the operator’s side of the boom
- After the bottom pins are removed, the boom shall be lowered to ensure it is resting securely on the cribbing before removing the top pins




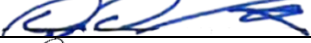
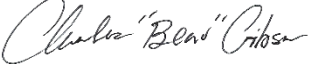
PAYOFF:

By following this best practice, the risk of foot injuries and other potential hazards associated with crane assembly and disassembly are significantly minimized. Proper placement and use of cribbing improve overall safety for the crew, ensuring stability of the boom and reducing the likelihood of incidents caused by improper handling.

Crew Review:

Superintendent: Instruct the crew to use their phones to scan one of the QR codes below, which will direct them to a short review session. After personnel enter their information and submit it, training records will be generated and automatically saved for future reference. Utilize this time for open engagement with the crew. Each review will have different questions, which can be answered either as a team or individually.



Approvals		
<u>Title</u>	<u>Signature</u>	<u>Date</u>
BU 15 Vice President		10-1-24
BU 15 Senior Construction Manager		10-1-24
BU15 Manager of Safety		10-1-24

Revision History				
<u>Rev #</u>	<u>Date</u>	<u>Reason for Changes</u>	<u>Originator</u>	<u>Effective Date</u>
1	06-26-2024	Update to new format/ add QR training codes	Lance Bradley	10-1-24

Note: BP Requirement

Work must be performed in accordance with the information in this BP. If it is determined that work cannot be done as required in the document or that it presents additional risk, you must obtain authorization for variance from the Business Unit Sr. Construction Manager and Business Unit Manager of Safety.