

Rigging Structural Members

Ironworkers were in the process of connecting a 22 foot, 6 inch diagonal support brace. As the crew got into position, they noticed the beam would have to be repositioned to complete the task. The decision was made to send the beam back down to grade to be re-rigged. As the beam was descending, the load shifted slightly, resulting in the softener around the beam contacting a fixed horizontal beam. As a result of the contact, the softener and rigging lost tension from the beam, allowing the beam to slide out of the rigging and subsequently fall 50 feet to grade level.



Immediate Reminders and Recommendations:

- Ensure the material being rigged is secure within the rigging prior to lifting.
- Ensure softeners are not too big or bulky around the material, reducing the hold of the rigging.
- Use positive methods of securing rigging around, or to material whenever possible.
- Double wrap and/or otherwise rig the material to prevent sliding.

Please use the provided information to eliminate similar hazards.