Safety Innovator Award Application
Domtar – Johnsonburg Mill

*Maintenance Designs and Implements:*
Improved Chip Dumper Concept to Safely Remove Energy Potential
Introductions

- Ron Bowley – Fiberline Mechanical Maintenance
- Kim Bowley – Fiberline Mechanical Maintenance
- Matt Zimmerman – Mill Health & Safety Specialist
“Old” Procedure Overview

• Routine cleaning and weekly lubrication routes required the dumper to be placed on stands and locked out.

• Three employees were required for the process.

• Upward drift during this operation resulted in employees prematurely stopping the dumper to avoid potential damage to equipment.

• As a result, employees manually lifted the stands into the final position and held them until the dumper could be placed back down onto them.
“Old” Procedure Overview
Proactive Recognition of Hazards

Potential Incidents Eliminated:

• Muscle strain while manually lifting dumper stand into proper position.
• Slipping off the ledge after holding dumper stand.
• Not stopping in time, causing the strap and/or eye bolt to break.

Hazards Removed:

• Strains
• Slips/Trips/Falls
• Line of Fire / Struck By
“New” Procedure Overview

• One employee can now complete the exact same task. Once the dumper is raised, a winch is used to pull the stands into the proper position so the dumper can be then lowered back down on them.

![Image showing control panel, winch, cable, and stands]
Cost Breakdown

Project was fabricated and installed by Mill employees and required approximately 40 hours to complete.

<table>
<thead>
<tr>
<th>Material Cost</th>
<th></th>
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</thead>
<tbody>
<tr>
<td>Mechanical</td>
<td>$2,256.00</td>
</tr>
<tr>
<td>Electrical</td>
<td>$2,297.34</td>
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<tr>
<td><strong>Total</strong></td>
<td><strong>$4,553.34 + Labor(40hours)</strong></td>
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