



# 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.

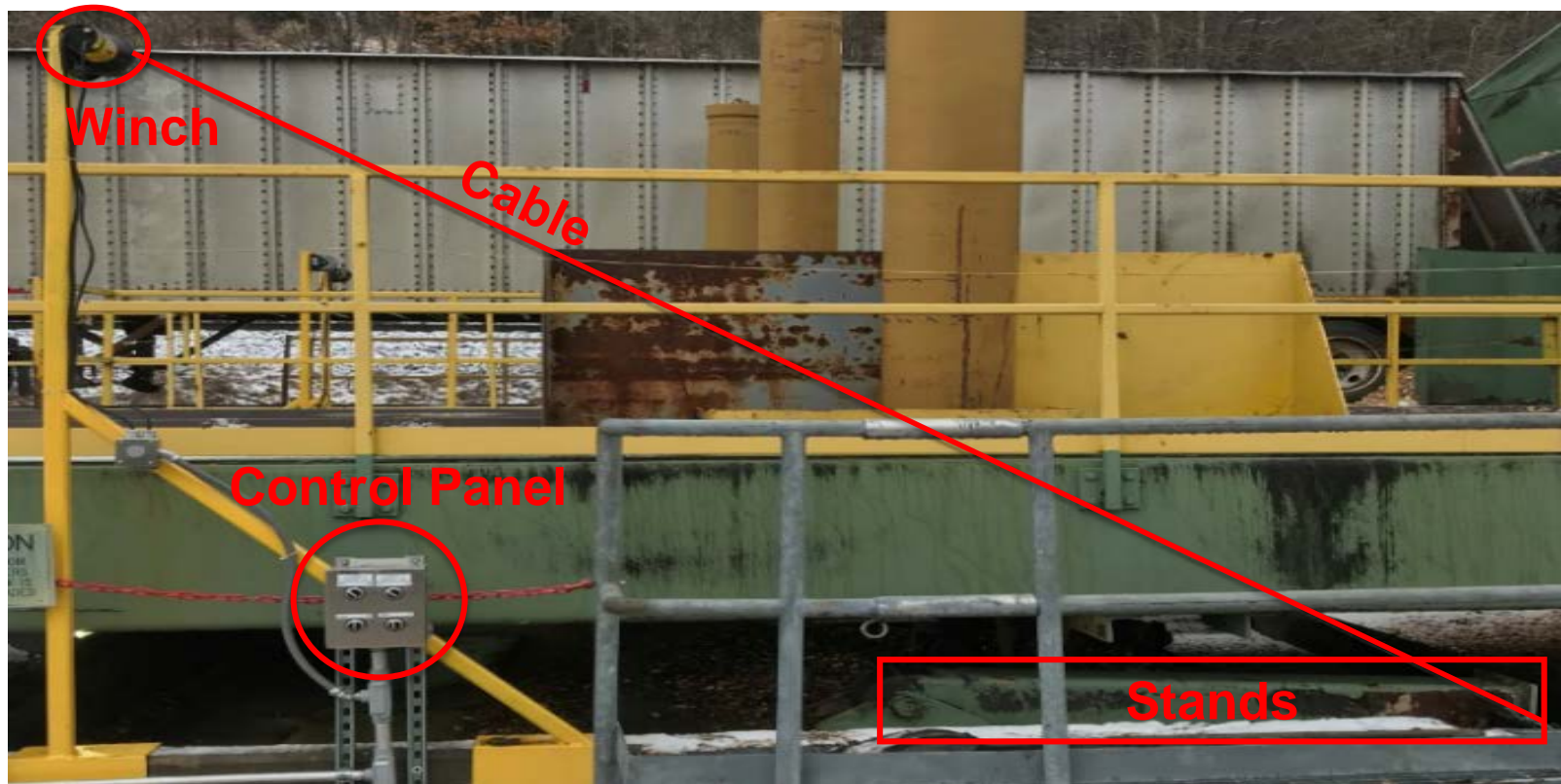
## Hazards Removed:

- 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.



# Control Panel



# Cost Breakdown



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

Material Cost	
Mechanical	\$2,256.00
Electrical	\$2,297.34
<b>Total</b>	<b>\$4,553.34 + Labor(40hours)</b>



# THE FIBER *of* Domtar

AGILE | CARING | INNOVATIVE

