

LIQUOR GUN/LIQUOR HOSE  
CAMLOCK COVERS

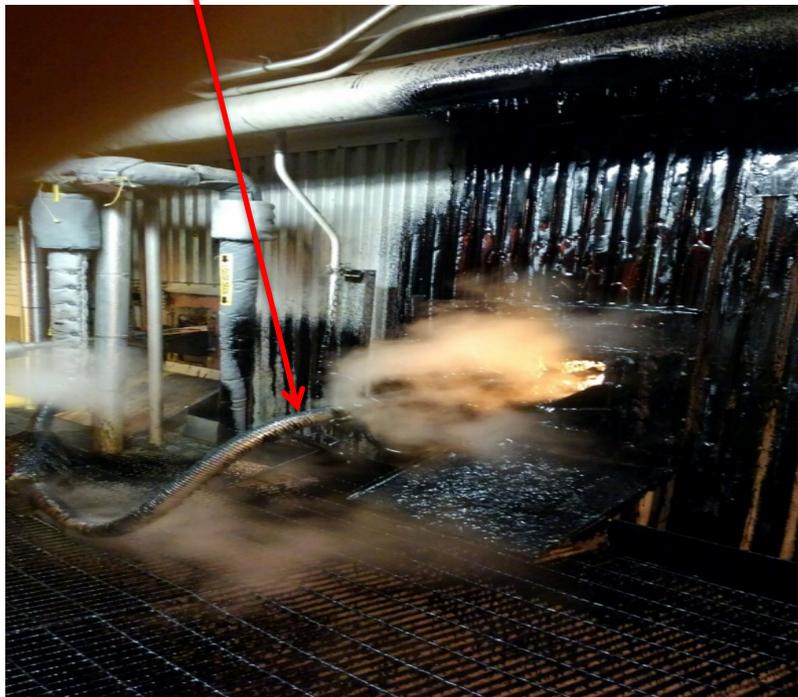


Domtar

# KINGSPORT SAFETY INNOVATION

- On January 23, 2018 the 3rd asst. was changing the gasket to the #4 liquor burner. After completing the task, and as team members were making their way to the other side of the boiler, the #7 liquor burner hose ruptured on both ends causing hot liquor to blow out in surrounding area. No one was hurt or in the immediate area. The 3rd assistant and utility personnel called to the operator to close off the auto valve and stopped the flow of liquor

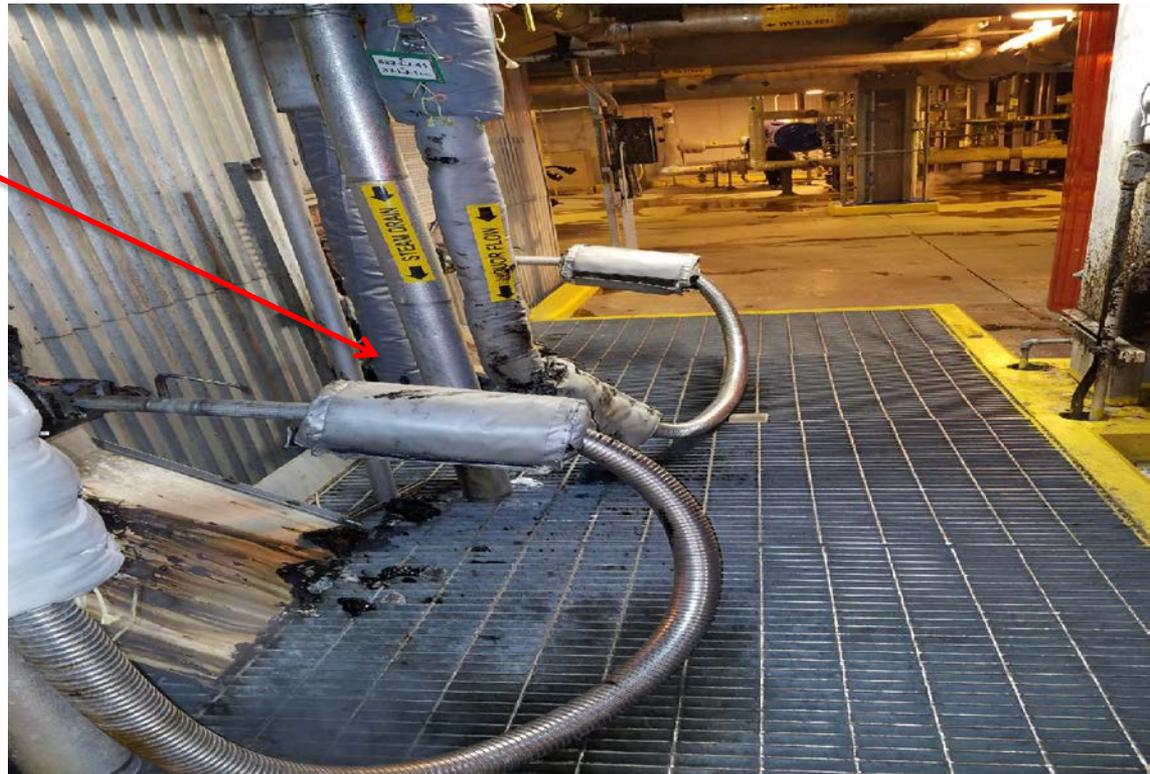
- Picture shows area after hose failure and black liquor spray that ensued. Arrow shows area where hose failed



# KINGSPORT SAFETY INNOVATION

- After the failure, 3<sup>rd</sup> Assistant Isaiah Gray and team members wanted to make sure that if this event were to happen again there was a measure in place to protect them.
- Team members (this included production hourly/salaried and maintenance hourly/salaried) worked together to develop a cover that would redirect the spray and give team members enough time to escape if another failure were to occur.

- Picture shows Velcro covers in place. Arrow point to covers.



# LEARNINGS

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- This event is a prime example of leaders listening to their team, allowing our people on the floor to be leaders.
- The initiatives that the team members took, out of concern for their co-workers and others that could potentially be in the area, is a true characteristic of a strong safety culture.
- It is another example of what can happen when we work together to accomplish a goal.
- The covers that were developed were tested in the field and found to absorb or deflect the pressure of the liquor that would escape in the event there was ever another leak.
- There were enough covers made for all liquor guns and spares added to replace ones that were worn or damaged.
- The cost of the covers were minimal, an investment of less than 800.00 dollars was made for all of the covers.
- Covers were made by a local contractor and were delivered on site within days of the incident.

# KINGSPORT SAFETY INNOVATION

## ■ Summary:

- The innovation that was developed by Isaiah and team members was a result of peers working together to make sure that they, along with their team members, are protected from inherent hazards that they work in and around everyday.
- This innovation could save a team member from serious injuries if a hose failure were to occur. The enclosure would essentially redirect the spray away from the team member giving them time to escape the area.
- Action items are in place that call for frequent inspections and hoses to be changed out on set time period.
- At the end of the day it is a piece of equipment that no matter what the frequency of inspections or change outs it has a potential to fail. We must be prepared!

# THANK YOU

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Thank you for the opportunity to share this innovation with you.

You don't have to be an engineer to develop ideas that will keep you and your co-workers safe

The mind is a powerful thing, listen to your people.

# THE FIBER *of* Domtar

AGILE | CARING | INNOVATIVE

