

SAFETY

Manufacturing Fire Burnt Wood Fibre



MILL ENVIRONMENT

- Processing burnt wood in sawmills creates upset conditions in all aspects of mill operations.



CLEAN UP

- Employees may need to wear PPE such as masks, filters, coveralls, sealed eye wear.
- Combustible dust analysis may be required.
- Cleaning programs may need to be modified.

SAW FILING

- The standard run time of the saws and knives could be negatively affected.
- There may be an increase in the time required to sharpen saws and knives in the shop.
- Filers could see an increase in the frequency of handling of saws and knives or start doing jobs they aren't used to.

MAINTENANCE

- Increase in upset conditions at the debarker from trying to scrape off the charred fire burnt wood (broken knives, broken logs).
- Unsealed and non-pressurized electrical cabinets may become contaminated with carbon dust which is electrically conductive.



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OPERATIONS

- Black and charred wood may not be scanned correctly by lasers causing mismanufacturing or upset conditions.
- Increase in frequency of material handling and cross ups due to chunks and breakage on lumber decks.
- Operators such as the graders or stacker may find higher volumes of lower grade wood needing processing.

SOLUTIONS

- Remove the charred wood at the debarking process.
- Apply tarps around machine centers that produce dust such as the debarker to improve containment.
- Adjust clean up schedules as required to control fugitive wood dust accumulations.

Scan for more information :



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