Wood Dust Extraction System Guidelines

Purpose: The purpose of this document is to provide shop teachers at GISS, The HUB and PIESS School operational use guidelines for the wood dust extraction system.

When cleaning the shop, the extraction system should not be used to extract anything other than wood dust. Blocks of wood or paper towel must not be put into the system. Please use a shop vacuum to clean up extra wood dust (e.g., debris on/in the equipment and on the floor).
Important: If you are cleaning in the equipment, the equipment MUST be locked-out.

Daily Process for use of Wood Dust Extraction System

- Extraction system must always be on when machines hooked into the extraction system are in use, even during demonstrations.
- Check the barrels and hopper daily.
    - Follow stepladder SWP when using a ladder to check the hopper.
    - Even if barrels are emptied, staff must also check hopper (both sides) to ensure sawdust has backed-up in the hopper.
    - **Important:** The equipment MUST be locked-out when checking the barrels and/or hopper.
    - If full, do not use the machines hooked to the extraction system.
        - Submit a WO for grounds to empty. If urgent, please call facilities stating it is an urgent need for continuing education.
        - Please note, a full barrel is ¾ full.
    - If hopper and barrels are empty, proceed with use.
- At the end of each day, set wood dust extraction system to a "continuous clean" cycle for 10 minutes.
- Please note, compressor must have power to operate the extraction system. The compressor is currently tied to the metal shop power therefore the metal shop needs to be powered when extraction is in use.
- Extraction duct work must not be removed from equipment unless being serviced or repaired by Facilities Services Staff.

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