#### Change Recycle Wax Storage Tank Filter

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| Safety - PPE | Molten wax, at 70°C, will burn skin. It tends to solidify and stay on the skin causing extended pain.  Consult the PTFE PPE Matrix for proper PPE. |

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| Safety – Wax Room Access | Wax Room Access is restricted during Autoclave operation   * Keep the chain up across both access doors when not in the wax room * Obtain permission from Dryer operator to enter. * DO NOT enter when red light is ON. * DO NOT enter when an Autoclave is in steamout. |

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| Safety – Filter Change | When opening the filter   * Follow lock, tag and try procedure. * Leave Wax filter drain line electric tracing on. |

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| Change Frequency | * Filter should be changed once a month or when the Wax Flow Meter alarms for low flow (2589FG alarms at less than 100 lb/min flow). |

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| Initial Equipment Status | * Filter is on line at normal operating conditions * Wax filter is at 70°C * Autoclaves cannot be charged with wax from the Recycle Wax Storage Tank while the filter and loop are off line. |

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Change Recycle Wax Storage Tank Filter, Continued

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| Prep and Change Filter | **Isolate Wax Storage Tank Filter from Recycle Wax System**   * Stop Wax Circulation Pump * Close, lock and tag the manual valves entering and exiting the filter   **Drain filter housing**   * Open the drain valve and drain the wax into a waste drum * While draining, open the vent on top of the filter housing. Check to make sure vent valve is not plugged. This might prohibit any wax from draining out of the housing.   **Change filter -- Stores #1249617**   * Remove the filter cover. Caution should be exercised because some pressure may be left in the filter housing. * Remove the filter bag and dispose of filter in the waste wax drum * Inspect filter gasket for wear, install new one if gasket is brittle, split or damaged * Install new filter bag and replace the filter cover |

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| Return to Normal Operating Conditions | * Close the drain valve and vent valve. * Open manual valves entering and exiting the housing. Using the vent valve, slowly throttle open to bleed air out of the housing. (if you don’t close before opening the inlet and exit valves, wax will discharge out the top of the housing creating housekeeping issues). Once all air has been bled, close vent valve. * Start the Wax Circulation Pump * Check the filter cover for leaks   **Follow Up Items**   * Prior to adding any wax to the autoclaves, wax should circulate through the filter for at least 10 minutes to remove any air that is trapped in the housing |

End of topic