Autocaster And Batchmaster Shut Down Procedures

Caution: Before starting these shut down procedures, make sure and use adequate personal protective equipment (safety glasses, gloves, apron, etc.) when working on the equipment. Also, use appropriate Lock Out/Tag Out Procedures for electrical and pneumatic systems.

Short Term: 1-2 Weeks
Extended Shut Down: 2 Weeks To 2 Months
Long Period: Longer Than 2 Months Or When Permanently Removed From Service

Resin System (Batchmaster And Autocaster)
For a short term shut down:
- Cap the resin line keeping the system full of resin with as little air as possible.
- Make sure there are not any galvanized fittings on the resin system as well (galvanized fittings will cause slow hardening of the resin in the areas that are galvanized).

For an extended shut down:
- Purge the resin system with unpromoted resin before the system is capped.

When removing equipment from service for a long period of time:
- Follow all steps above,
- Purge the resin system with a solvent; however, this will likely damage the heat exchanger gaskets and possibly other seals. The best option is to not leave the resin stagnant in the machine any longer than is necessary but be aware that some seal and gasket replacement may be necessary when you start the machine up again.

Catalyst System (Batchmaster And Autocaster)
For a short term shut down:
- Drain the catalyst as much as possible

For an extended shut down or when removing from service for a long period of time:
- If it is to be stored for any length of time the catalyst system should be drained and purged with Dimethyl Phthalate.

Cleaning System (Autocaster)
For short term, extended shut down, and when removed from service for a long period of time:
- Drain and clean both virgin and recycle solvent tanks.
- Flush clean and recycle solvent pumps and tanks with clean acetone. Remove any remaining acetone. Blow compressed air through lines and pump

Base Color Systems (Autocaster And Batchmaster)
For a short term shut down, extended shut down and when removing from service for a long period of time:
- Clean out pigment from pigment container.
- Flush base color system out with acetone.
- Remove all acetone from system by blowing compressed air through lines and pump.
Veining Systems (Autocaster)
For a short term shut down, extended shut down and when removing from service for a long period of time:
- Clean out pigment from pigment container.
- Flush veining system out with acetone.
- Remove all acetone from system by blowing compressed air through lines and pump.

Filler Metering System (Autocaster And Batchmaster)
For a short term shut down:
- No action required
For an extended shut down or when removing from service for a long period of time:
- Remove and clean filler from all metering hoppers.

Electrical System (Autocaster And Batchmaster)
For a short term shut down and an extended shut down:
- Follow typical procedures to shut machine down.
- Turn power to the machine off at the disconnect.
- Follow normal lock out procedures to prevent machine from use.
When removing from service for a long period of time:
- Before completing the steps noted above, add desiccant packages to the electrical and operator control panels.

Due to all the variables involved, we cannot guarantee that these instructions will eliminate all issues related to safe shutdown of the equipment and eliminate issues with starting up the equipment again. As problems arise, we are available to provide support, service, and parts.