

Procedure for Cleaning Process Pipes and Fittings

Scope: All portable process pipes, hoses and fittings that may be connected the bottom of a tank or pump to move wax from one location to another

Purpose: To explain the proper method of cleaning portable process pipes, hoses and fittings prior to use.

Procedure:

Cleaning Dirty or Soiled Process Pipes, Hoses and/or Fittings

1. Visually check pipes, hoses or fittings to determine the amount of cleaning required.
2. If pipes/fittings/hoses are to be used immediately, heating the pipes/fittings with a heat gun or torch can be used to melt any visible wax.
3. If pipes/fittings/hoses will not immediately be used, they should be hung vertically in a heat box to allow any residual wax to drain out of the bottom at a temperature setting greater than the melt point of visible wax.
4. If wax is unknown, 180-200 °F should be enough to clean most wax.
5. Pipes/fittings/hoses may be left in a heat box overnight to allow sufficient time for all the wax to melt and drain.

Storage of Pipes, Hoses and/or Fittings

1. All cleaned pipes, hoses and/or fittings should be immediately removed from the heat box once all visible wax has been removed.
2. A clean cap or bag should be used to cover all exposed ends prior to storage to avoid contaminating the cleaned item.
3. All cleaned items should be hung from a rack, laid to rest on a hose rack or placed in a clean drum until ready for use.

Ready for Use

4. All cleaned pipes, hoses and/or fittings should be purged with 1-2 Kgs. of approved material to ensure pipe, hose and/or fitting is clean and ready for use.
5. When finished using the pipe, hose and/or fitting, they should be immediately cleaned and prepped for the next run of material.