



Standard Operation Procedure

ISO TANK & TANKWAGON FLOC CLEANING PROCEDURE

VERY IMPORTANT: This Standard Procedure is designed to cover all flocs. Due to the vast differences in these products, certain deviations are permitted, perhaps even desired, but only after some experimentation. This document will deal with the most common occurrences.

1. **DRAIN HEEL:** Open dome lid and remove clean-out caps, if applicable. Open discharge valve and drain heel. Close discharge valve.
2. **PRESOLVE:** With discharge valve closed, apply a total of 5 gallons of John-Henry **TRIPLE PLAY** with a low volume presolve spinner system OR **Simplicity Fogger**, or manual presolve wand, with equal amounts introduced into the tank via dome and clean-outs. For multi-compartment tankwagons, 6-7 gallons may be necessary, due to additional bulkheads.
3. **STEAM TANK:** Good Method: With discharge valve still closed, apply live steam to tank for 15 minutes through dome lid. Better Method: Install adapter to discharge valve for steam, and apply for 15 minutes. Shut off/disconnect steam, while ensuring that none of the presolve chemical is lost.
4. **HOT WATER RINSE:** With spinner system, rinse tank with approximately 50 gallons of hot water. Some systems may be hi-volume/automated where this may be accomplished on a timed cycle, but regardless, the first rinse should deploy 50 gallons of hot water – with discharge valve still closed.
5. **HOT WATER FLUSH:** OK, Open the discharge valve. When all effluent has drained, hot water flush for one more cycle. Remove spinner and inspect from dome lid.

NOTE: If it appears that some product remains, lower spinner again and detergent wash for 10 minutes. Rinse and proceed to next step below (6). If no visible product remains, choices include 1) cooling tank and entering for a walk-thru inspection – pressure wash out, if needed. 2) Perform step 6 below, especially if client allows for this. 3) Hot John-Henry **MAGNUM/** Caustic detergent wash for 10 minutes, then rinse tank and go to next step.

6. **STEAM & DRY**

Note: Chemical Usages

TRIPLE PLAY: Use 5 gallons for tankwagon or ISO tank. Use 6-7 gallons for multi-compartment tankwagons.

MAGNUM: In detergent vat as needed.

Revised 1/23/2024