

Routine Sanitation Protocol for Equipment

When: before and after wine movement / equipment usage

For:

Stainless steel equipment: fittings, tanks, kegs, drums, sumps, barrel stirrer, tank racking arms, barrel racking wands, barrel fillers

Plastics: pick bins, fermenters, buckets, brutes, hoses, barrel ferm locks, and tank air locks

Silicon: regular bungs, ferm-rite bungs

Rubber: gaskets, press bladder, some ferm lock bungs



- 1) Remove as much of the visible dirt /scum /grapes as possible.
- 2) Wear protective eyewear and gloves
- 3) Make a solution of PROXY-CLEAN (Press Bryte, Sodium Percarbonate).
Dissolve 11grams per gallon of warm water. Per 10 gallons of warm water add 114 grams sodium percarbonate.
For pumps and hoses: Circulate solution through hoses and pump, run in forward and reverse. Allow to circulate as long as possible.
For closed-top tanks: Attach “spray ball” to hose terminus to clean closed-top tank interior. Pay special attention to valves, tasting valves, tank ports, door gasket, top manway, manway gaskets, tank ceiling, etc.
For large equipment: Apply solution with a telescoping scrub brush to hopper, press, tank interiors, open top tanks, open bin fermenters, pick bins, etc.
For small equipment: Make a soaking bath in a pick bin or brute for fittings, bungs, buckets, crusher/destemmer cage, snow shovels and soak 4 hours to overnight. If there is a heavy residue on the bungs they may need to be wiped with a cloth prior to rinsing.
For membrane presses: Use enough solution to ensure that the membrane is covered. Agitate the press every 5-10 minutes, for 30 minutes. *For a more thorough cleaning*, soak several hours or overnight, agitating the press several times. Drain and rinse with water.
- 4) Examine surfaces for remaining pink scale or dried grape skins. Consider repeating cleaning with stronger solution or soaking overnight in PROXY-CLEAN solution.
- 5) Rinse with cold water
- 6) Sanitize with peracetic acid product properly diluted (also known as Purisan, PAA, Minncare, Perasan A, Decon-spore)
Add 30mL (1 oz.) Purisan to 6 gallons of cool water, this is 80ppm or midnight blue on the LaMotte peracetic acid test strips.
- 7) Spray over all surfaces with spray bottle or hand pump sprayer, apply with telescoping scrub brush, apply with spray ball and pump circulating, submerge into bath, etc.
- 8) Allow to dry without final rinse. There should be no aroma of acetic acid. If you need to use the equipment right away and can't wait for it to dry, rinse with water.

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