

PAA Sterilization Procedure Bottling Line	SOP # MB SSOP100-IP02-01
Last update January 18, 2012	

Purpose:

Provide clear and consistent direction for process of Sterilization on bottling lines.

Objective:

Following this instruction will provide results in Sterilization which meet QA specified ATP swab results on all packaging equipment on bottling line.

Scope:

The prescribed method will be utilized for all equipment Sterilization at the specified intervals.

Responsibility

It will be the responsibility of the Line Supervisor to monitor and document this process and to communicate any deviations from required process results. QA approval is required to run any time results do not meet standards. It is both the bottling line supervisor and the winery representative responsibility to contact QA for approval to run.

Procedure

1. Place all CIP cups on all valves and crack drains slightly to assure flow
2. Connect wash hose from product in-feed piping to bottom of filler
3. Assure correct flow is set up for production either thru or by-pass filter housing
4. Place wash out tank (30 gal can) next to inlet piping
5. Connect short hose to pump suction and place open end in wash tank
6. Connect short hose to pump discharge and open end to truck inlet piping
7. Connect another hose to filler overflow outlet piping and place open end in wash tank
8. Fill wash tank with 25 gallons of water
9. Start pump and wait for return flow to flow back from filler
10. Fill tank again to 2/3 full
11. Add 425 milliliters of Peroxyacetic Acid (Lancer 5%) to wash tank.
12. Allow circulation for 10 minutes
13. Remove filler return line from wash tank and run pump until tank is almost empty (less than 5 gallons)
14. Stop pump **If filter was to be used go to next step if not proceed to step 20**
15. Close valve from filter housing to filler and open filter drain valve at discharge of housings.

16. Turn on pump and start to add water to tank as soon as remaining solution is gone
17. Continue to flush housings for 5 minutes
18. Stop filling tank and turn off pump
19. Return filter housing valves to filler flow position
20. Disconnect all hoses from pump and store as necessary
21. Connect product inlet hose from pump discharge to filler product inlet piping
22. Connect wine feed hose to pump suction
23. Revert back to original connection and set up SOP