

CLEANING LABORATORY EVALUATION SUMMARY

SCL #: 2015
DateRun: 10/26/2015
Experimenters: Alicia Melvin, Alicia McCarthy
ClientType: Cleaning Equipment Mfr
ProjectNumber: Project #1
Substrates: Liquid
PartType: Coupon
Contaminants:
Cleaning Methods:
Analytical Methods: Colorimeter
Purpose: Ozone MV Testing of Series 2

Experimental
Procedure:

Results: Series 2 Filter 20581
The Series 2 temperature remained fairly constant with a slow drop to room temperature. The MV levels remained high through 90 minutes and dropped off between 90 and 120 minutes to a lower plateau. The initial levels were no higher than the Series 1 stabilizer. The Vacuvials ozone levels dropped off steadily through 90 minutes and zeroed out after 4-8 hours.
Initial readings of the eXactCLPlus meter were low and dropped off quickly to 0.1 within 30 minutes.
The Series 2 pH level was lower than the Series 1 testing and ranged between 2.75-2.95
The Series 2 temperature remained fairly constant with a slow drop to room temperature.

Summary:

Conclusion: Tersano Series 2 is reported to stabilize sanitation time for up to 24 hours, cleaning time for up to 6 days and the cartridge life of the filter is 800 gallons. All three analytical tools used to assess ozone levels showed a significant drop off after 90 minutes. The pH and temperature remained fairly constant.