

Standard Operating Procedure for Maintaining your Brulin Aqueous Detergent Tank your Brulin Aqueous Detergent Tank

| | vide |
|---|---------------------------------------|
| Detergent Cleaner: | |
| Target Concentration: | |
| 1 pH Check Procedure (See method BTM-1) pH paper OR pH meter Control Limit* | Check |
| 9.0 9.5 Other Other | Below Limit Above |
| Non Aluminum L. Other | Control limit?* Above Limit |
| 2 Concentration Check Procedure (See method BTM-2) | Concentration Check |
| Drop-counting OR Burette titration | Adjust tank with the |
| Sample Size mL Sample Size mL | addback amoun |
| HCl acid N HCl acid N Indicator drops End Point | Calculate addbac amount** |
| Correction Factor Correction Factor | Within |
| Control Range | control range? * Outside Range Within |
| 3 Performance Check Procedure (See method BTM-3) | Cleaning & Corrosion Performance |

Limits

Check

Does performance

fail or pass?*

Fail

Consider changing

out the tank

Method

Cleanliness

Corrosion

Continue

Operation

^{*}See Guidelines for Maintaining Aqueous Cleaning Detergent Tanks document for setting up control limits.

^{**} See method BTM-2 Appendix for calculation worksheet. Or ask your sales rep for a copy of automated Excel worksheet. Consider adjusting a small (100 mL) tank sample first (to verify the adjusted concentration and pH) before adjusting the entire tank.