



TEST REPORT SUMMARY

Customer: 1T780
Del Ozone
3428 Bullock Lane
San Luis Obispo CA 93401
Attn: Beth Hamil

Sample Description: Model P-OZN-1 Ozone Generator
Test Type: QQ – Qualification Testing

Conversion Key for ozone dose
Mass/Volume = Concentration
Gallons X 3.78 = Liters
Grams X 1,000 = Milligrams
Mg/L = PPM in Water

Example

70 gallon vessel utilizing a DEL Ozone System producing 30 mg of ozone per hour 30 mg/ 70 X 3.78 = 0.11 mg/hour/60 = 0.0018 mg/min = PPM/minute = 0.06 PPM in 30 minutes

This calculates the maximum applied ozone dose, which does not account for the reduction of ozone in the water, which is residual dose; measurable residual ozone concentration in the water is less than 0.1 PPM.

On behalf of DEL Ozone, NSF International performed validated third-party microbial retention and disinfection efficacy testing against inoculated target microorganisms for public-use water, based on NSF Protocol P308 – Ozone Sanitation Systems for Jetted Bathtubs and Pedicure Footbaths (Section 5.4).

Test Parameters

- 70 gallon recirculating potable water test system; water temperature @ 97± 5° F
- 20 PPM organic oil added to water to represent grease and oil (user/bather load)
- Target microorganisms were added at log 5; reduction target was log 3
- 0.06 PPM applied ozone dose in 30 minutes; CT Value 1.8 (DEL Ozone System)
- Micro data was read after 30 minutes of ozone exposure
- At no time during this test did the ozone residual in the test vessel exceed 0.1 PPM

Microbial Reductions

<i>E. coli</i>	4.7 log (>99.99%)
<i>Staphylococcus aureus</i>	4.7 log (>99.99%)
<i>Pseudomonas aeruginosa</i>	3.2 log (>99.9%)
<i>Trichophyton mentagrophytes</i>	4.0 log (99.99%)
<i>Candida albicans</i>	4.7 log (>99.99%)