

NSF/ANSI STANDARD 46 EVALUATION OF COMPONENTS AND DEVICES USED IN WASTEWATER TREATMENT SYSTEMS

ULTRAVIOLET (UV) DISINFECTION DEVICES

PERFORMANCE TESTING AND EVALUATION

UV disinfection devices shall be tested for fecal coli form reduction over a 90 day period. The UV lamp output shall be measured at the beginning and the end of the 90-d test period with a standard radiometer.

CRITERIA FOR PASSING

UV disinfection devices shall achieve an average fecal coli form concentration ≤ 200 organisms/100 mL.