

CLARE MICROBIOLOGICAL CONSULTANTS

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I.S.HORNSEY - B.Sc., Ph.D., C.Biol., M.I.Biol F.L.S., M.Inst Brewing

E. Coli Removal - Applicable to : **DOULTON DRINKING WATER SYSTEM**
WITH CU, CS, IMP, SLM, SOV series ceramics

CERTIFICATE OF EFFICIENCY

THIS IS TO CERTIFY THAT FIVE DOULTON STERASYL 10" FILTER CANDLES, MANUFACTURED BY FAIREY INDUSTRIAL CERAMICS LTD. ,WERE INSERTED INTO A NP5 FILTER HOLDER AND TESTED FOR BACTERIAL REMOVAL CAPACITY. WHEN INSERTED INTO THE HOLDER THESE CANDLES SHOWED GREATER THAN 99.99% REMOVAL CAPACITY.

THE CHALLENGE WATER WAS INOCULATED WITH 3.60×10^4 WASHED VIABLE CELLS OF ESCHERICHIA COLI, WHICH WAS PASSED THROUGH THE FILTER HOLDER AT A RATE OF 300 LITRES/HOUR. TEST WAS PERFORMED ON 3 DECEMBER 1988.

original signed by

DR. I. S. HORNSEY

CERTIFICATE OF EFFICIENCY

THIS IS TO CERTIFY THAT TWO DOULTON STERASYL FILTER ELEMENTS, MANUFACTURED BY FAIREY INDUSTRIAL CERAMICS LTD., WERE TESTED FOR BACTERIOLOGICAL REMOVAL CAPACITY AND THAT THEY SHOWED GREATER THAN 99.99% REMOVAL EFFICIENCY.

THE CHALLENGE WATER WAS INOCULATED WITH 1.60×10^4 WASHED VIABLE CELLS OF ESCHERICHIA COLI AND THE UNIT WAS OPERATED AT A FLOW RATE OF 300 LITRES PER HOUR. THE TESTS WERE PERFORMED ON 19 DECEMBER 1988

original signed by

DR. I.S. HORNSEY