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Biosafety Certificate No. 54-07 F

Esco Airstream Class II Biohazard Safety Cabinet (Model AC2-3E1, Serial No. 2007-21759)

Tests to BS EN 12469:2000, Biotechnology – Performance criteria for microbiological safety cabinets

Customer Ref.	C-10301
Tests carried out for	Mr Alex Atmadi of ESCO
Report Number	54-07 F
Certificate Date	11th March 2008

The Biosafety Unit of the Health Protection Agency Centre for Emergency Preparedness and Response, has undertaken extensive tests on the Esco Airstream Class II Biohazard safety cabinet (Model AC2-3E1, Serial No. 2007-21759). The cabinet was found to meet the performance required by BS EN 12469:2000 for all of the tests below.

(A) Air velocity measurements.
(B) Operator protection/containment tests using KI.
(C) Operator protection tests using bacterial spores
(D) Product protection tests using bacterial spores
(E) Cross contamination tests using bacterial spores
(F) Air visualisation tests.
(G) Filter integrity tests.
(H) Maintenance of temperature by the working cabinet.
(I) Acceptable noise and light levels during operation of the cabinet.
(J) Acceptable design of filter mountings and plenum.

Testing Performed By	Authorised By
S. Parks	
Mr. Simon Parks Senior Research Scientist	Mrs Sara Speight Senior Research Scientist

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