



Biosafety Certificate No. 14/035

ESCO Airstream Class I (AC1-4E8) Biohazard Safety Cabinet Tests to BS EN 12469:2000, Biotechnology- Performance criteria for microbiological safety cabinets

Report No. 14/035

Report Prepared For: ESCO
Issue Date: 9th December 2014

Test Summary

The Biosafety Unit of Public Health England has undertaken extensive tests on the ESCO Airstream Class I (AC1-4E8) biohazard safety cabinet. The cabinet was found to meet the performance required by BS EN 12469:2000 for all the tests below

- (A) Air Velocity measurements and air flow Visualisation
- (B) Operator protection/containment tests using KI
- (C) Operator protection tests using bacterial spores
- (D) Filter integrity tests
- (E) Maintenance of temperature by the working cabinet
- (F) Acceptable noise levels during operation of the cabinet
- (G) Acceptable light levels during operation of the cabinet
- (H) Acceptable design of filter mountings and plenum

Testing Performed By

Name: Ms Anna Moy

Title: Biosafety Scientist

Authorised By

Name: Mrs Sara Speight

Title: Senior Biosafety Scientist