



## Biosafety Certificate No. 42/13 C

### ESCO Airstream Class II (AC2-3E8) Biohazard Safety Cabinet Tests to BS EN 12469:2000, Biotechnology- Performance criteria for microbiological safety cabinets

### Report No. 42/13 C

**Report Prepared For:** ESCO  
**Issue Date:** 26<sup>th</sup> June 2013

### Test Summary

The Biosafety Unit of Public Health England has undertaken extensive tests on the ESCO Airstream Class II (AC2-3E8) 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
- (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

**Name:** Mr Simon Parks  
**Title:** Senior Biosafety Scientist

#### Authorised By

**Name:** Ms Anna Moy  
**Title:** Biosafety Scientist