

GLOBAL BIOSAFETY CABINET TECHNOLOGY CERTIFICATION PROGRAM



The Eagleson Institute's Global Biosafety Cabinet Certification Program consists of two phases with an additional (optional) third component. Parts I and II take place twice a year at the Eagleson Institute, and can also be offered at other training facilities that have the necessary equipment.

Part I: Two weeks training at either Eagleson Institute or in home country on Class II Type A BSCs or in home country

Part II: Two weeks advanced training at Eagleson Institute or in home country, including trouble-shooting, repair, and certification of Class II Type B BSCs

Part III: In-country mentoring and evaluation by an Eagleson Institute instructor (optional)

Students who participate in this program receive training in the following areas:

- How BSCs are constructed and function
- BSC types and exhaust requirements
- How to use BSCs effectively
- How to follow NSF 49 and EN 12469 test procedures for BSC certification
- Developing a testing grid for BSCs
- Performing inflow and downflow airflow tests
- Evaluating BSC airflow using smoke pattern tests
- Conducting a site assessment
- Performing HEPA leak testing
- Determining when and how to decontaminate a BSC
- Troubleshooting BSCs
- Balancing BSC airflows
- Repairing leaks in HEPA filters
- Changing HEPA filters
- Teaching others to use BSCs effectively

Part I

WEEK 1

Safety Cabinet Technology (2 Day Course)
Introduction to Certification (Half-Day Workshop)
Decontamination (Half-Day Workshop)
HVAC Systems & Laboratory Design (2 Day Course)

WEEK 2

Beginner Applied Practice Workshop
(Personalized Hands-On Testing Workshop 5-Days)

Part II

WEEK 1

Advanced Applied Practice Workshop
(Personalized Hands-On Testing Workshop 5-Days)

WEEK 2

Advanced Certification Course

Part III

In-country Mentoring and Evaluation by an Eagleson Institute Instructor

Note: If you opt to be NSF accredited, the exams are offered at the Eagleson Institute. Arrangements need to be made through NSF International.

For More Information:
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