

# Program

CSIRO Australian Animal Health Laboratory (AAHL) / Gordon Institute of TAFE



## Course in Applied Bio-containment Principles Australian Animal Health Laboratory, Geelong, Victoria, Australia Monday 1st February - Friday 5th February 2010

Day 1 Non-secure Area	Day 2 Secure Area	Day 3 Secure Area	Day 4 Secure Area	Day 5 Non-secure Area
8:45 Registration	8:45 Preview	8:45 Preview	8:45 Preview	8:45 Preview
<ul style="list-style-type: none"> <li>Welcome and introduction to the course and facilitators</li> <li>Induction to AAHL Occupational Health and Safety (OHS)</li> </ul>	<ul style="list-style-type: none"> <li>Microbiological hazards in Physical Containment Facilities 3 and 4</li> </ul>	<ul style="list-style-type: none"> <li>Waste management</li> </ul>	<ul style="list-style-type: none"> <li>Ventilation principles for PC3 and PC4 Facilities:               <ul style="list-style-type: none"> <li>- HEPA filtration</li> <li>- Pressure differentials</li> <li>- Maintenance programs</li> </ul> </li> </ul>	<ul style="list-style-type: none"> <li>Evaluation techniques and continual improvement</li> </ul>
10:00 Morning tea	10:00 Morning tea	10:00 Morning tea	10:00 Morning tea	10:00 Morning tea
<ul style="list-style-type: none"> <li>Overview of work and Facility</li> <li>The need for integrated management systems</li> <li>The regulators: legislation, standards and governing bodies</li> </ul>	<ul style="list-style-type: none"> <li>Secure Area induction</li> <li>General tour of AAHL Secure Laboratory</li> <li>Personal protective equipment</li> </ul>	<ul style="list-style-type: none"> <li>Secure Area tour of Waste Disposal and Large Animal Facility</li> </ul>	<ul style="list-style-type: none"> <li>Tour of the Air Handling infrastructure</li> <li>Practical demonstrations</li> </ul>	<ul style="list-style-type: none"> <li>Training needs for a PC3 Bio-containment Facility</li> </ul>
12:30 Lunch	12:30 Lunch	12:30 Lunch	12:30 Lunch	12:30 Lunch
<ul style="list-style-type: none"> <li>Receival, processing and storage of samples.</li> <li>Case study: Microstores</li> </ul>	<ul style="list-style-type: none"> <li>Exposure monitoring and control</li> <li>Risk assessments (Tasks and plant)</li> </ul>	<ul style="list-style-type: none"> <li>Assessment tasks: Waste management and environmental impact</li> <li>Panel discussion</li> </ul>	<ul style="list-style-type: none"> <li>Incident management</li> </ul>	<ul style="list-style-type: none"> <li>Preview of tools, consolidation of principles of managing a Bio-containment Facility</li> <li>Final assessment requirements</li> </ul>
2:30 Refreshment	2:30 Refreshment	2:30 Finish	2:30 Refreshment	2:30 Finish
<ul style="list-style-type: none"> <li>Case study: Bio-containment standards</li> </ul>	<ul style="list-style-type: none"> <li>Bio-containment control principles</li> </ul>	<ul style="list-style-type: none"> <li>Revision and study time</li> </ul>	<ul style="list-style-type: none"> <li>Syndicate exercise (Incident management)</li> </ul>	<ul style="list-style-type: none"> <li>Revision and study time</li> </ul>
4:00 Finish	4:30 Finish		4:00 Finish	

Practical session

Theory session

Assessment

Sessions conducted in the Secure Area at AAHL

\* Session times may vary according to content and practical component