

RISK ASSESSMENT – SMOKING RESEARCH LABORATORY

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| Department: Exp Psychol | Location: 5 Priory Road | Activity: Research | Date: 21st January 2014 |
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| Hazard | Who Might be Harmed? | Is the Risk Controlled? | Action |
|---|-----------------------------|--|--|
| 1. Exposure to environmental tobacco smoke during experiment. | 1. Laboratory staff. | 1. Yes. Laboratory staff will run experiments from separate room. In addition, potential laboratory staff will be screened for potentially relevant health conditions (e.g., asthma) prior to beginning testing, and trained in appropriate procedures to ensure minimal exposure to environmental tobacco smoke. | 1. Ensure laboratory staff complete screening health check and lung function test prior to commencing work in the laboratory, are informed of correct procedures and complete induction training in correct procedures, under the guidance of the laboratory principal investigator. |
| 2. Exposure to environmental tobacco smoke during experiment. | 1. Research participants. | 1. Yes. Laboratory will be fully ventilated to remove smoke, with ventilation running continuously during experiments which entail smoking, at a rate of 36 l/s, achieving complete air change every 1 min., and a smoke-filtering ashtray, which passes smoke through a filter, to capture cigarette smoke. It will also be marked as a designated smoking room, and fitted with an automatic door closing mechanism. | 1. Ensure ventilation equipment and smoke-filtering ashtray is maintained and functional. 2. Ensure signage and automatic door closing mechanism is maintained and functional. 3. Maintenance to be conducted on an annual basis or as necessary by Building Services. |
| 3. Exposure to environmental tobacco smoke during experiment. | 1. Laboratory staff. | 1. Yes. Laboratory will be fully | 1. Ensure ventilation equipment |

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| <p>tobacco smoke after experiment.</p> | | <p>ventilated to remove smoke, with ventilation running continuously during experiments which entail smoking, at a rate of 36 l/s, achieving complete air change every 1 min., and a smoke-filtering ashtray, which passes smoke through a filter, to capture cigarette smoke. Laboratory staff will only enter the laboratory once ventilation is complete, after 1 min.</p> | <p>and smoke-filtering ashtray is maintained and functional. 2. Maintenance to be conducted on an annual basis or as necessary. 3. Only laboratory staff who have passed the screening health check and completed induction training will be allowed access the room.</p> |
| <p>4. Exposure to environmental tobacco smoke during and after experiment.</p> | <p>1. Other building users.</p> | <p>1. Yes. Laboratory will be fully ventilated to remove smoke, with ventilation running continuously during experiments which entail smoking, at a rate of 36 l/s, achieving complete air change every 1 min., and a smoke-filtering ashtray, which passes smoke through a filter, to capture cigarette smoke. It will also be marked as a designated smoking room, and fitted with an automatic door closing mechanism.</p> | <p>1. Ensure ventilation equipment and smoke-filtering ashtray is maintained and functional. 2 Ensure signage and automatic door closing mechanism is maintained and functional. 3. Maintenance to be conducted on an annual basis or as necessary by Building Services. 4. Only laboratory staff who have passed the screening health check and completed induction training will be allowed access the room.</p> |

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Assessment undertaken by: Angela Attwood

Review Date: 4th January 2017



Signature

Notes:

Cigarette smoking research facility, located on the Mezzanine Level of the 5 Priory Road annex of the School of Experimental Psychology, is required to enable *in situ* cigarette smoking during testing, which is necessary to monitor the real-time effects of cigarette smoke inhalation.

Smoke-filtering ashtray is the Holmes HAP76 Smoker Grabber Ashtray, which utilises an internal ventilation fan and carbon filter to absorb tobacco smoke and remove particulate content and odour.

Ventilation fan boxes will be utilised as necessary (i.e., before and after testing) and will be tested every six months to ensure adequate operation.

21st January 2014