

# Risk Assessment and Safety Information for *Q2U* school incursions

## Contact Details

### Questacon – The National Science and Technology Centre

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### *Q2U* Programme Booking Office

- **Contact details:** 6270 2883
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- **Website:** <https://www.questacon.edu.au/outreach/programs/q2u>

## Supervision/ Child Safety

Supervision of students is the responsibility of teachers. Please ensure that all students are accompanied and supervised at all times in the performance venue.

Trained staff present each demonstration with appropriate equipment and are responsible for maintaining a safe environment for audience members throughout performances.

All *Q2U* performers have undertaken the Australian Federal Police screen, 'Working with Vulnerable People Check' and are registered with the ACT Office of Regulatory Services as per the Working with Vulnerable People Act 2011.

## Insurance

Questacon has public liability insurance which can be found on the website or emailed on request.

## *Q2U* Hazards & Control Principles

All demonstrations and activities undertaken during *Q2U* are performed according the following principles to ensure audience and presenter safety:

- Presenters are fully trained on each demonstration. This includes the provision of exclusion zones and suitability/eligibility of volunteers for each demonstration
- Pre-show venue safety checks are undertaken to ensure demonstrations performed during the show are suitable to the location
- Demonstrations are undertaken in accordance with relevant operating procedures – including the appropriate use of Personal Protective Equipment
- All equipment used in Q2U performances are maintained in accordance with WHS regulations and relevant standards and codes of practice.
- Presenters provide appropriate instruction to all volunteers involved in demonstrations to ensure safe use of any equipment

<b>HAZARD</b>	<b>CONTROL ACTIONS</b>
<b>Fire</b>	<ul style="list-style-type: none"> <li>• 1m exclusion zone from fire demonstrations (including vertical)</li> <li>• Presenters to inspect demonstration area for flammable materials</li> </ul>
<b>Chemicals/ Cryogenics</b>	<ul style="list-style-type: none"> <li>• Presenters to store dewars in well ventilated space and to be wearing proper PPE</li> <li>• Presenter to store chemicals in approved labelled containers</li> <li>• Presenters to ensure safety rope is in place/ front row audience is wearing enclosed shoes for any Liquid Nitrogen poured onto ground</li> </ul>
<b>Projectiles</b>	<ul style="list-style-type: none"> <li>• Projectiles directed away from audience</li> <li>• Presenters to ensure audience in the immediate vicinity are aware of impending launch</li> <li>• Presenters to investigate performance area as part of pre-show safety check to avoid firing at fragile installations (fire detectors, windows, artwork).</li> </ul>
<b>Sharps &amp; Dermal</b>	<ul style="list-style-type: none"> <li>• Any activities involving breakable materials such as glass will be monitored by presenters</li> <li>• Breakable items will be stored out of reach of audience members when not in use</li> </ul>