



Using Cryogenics in Shows – A Summary for TDs

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This document is to give an outline of the steps that need to be taken to use cryogenics during performances in the Annex. The TD must read the related documents listed at the end of this document before a risk assessment is passed to the StageSoc committee or the safety talk takes place.

To obtain cryogenics:

1. Cryogenics can be obtained from Chemistry, the point of contact is:
Mr A. H. Douglas, ahmd@soton.ac.uk
2. They will request a copy of our risk assessment and safety documents; send them the Safety Information Document and the Risk Assessment.

Using Cryogenics:

1. The committee must be informed of the use of cryogenics, this is done by bring the matter to a committee meeting BEFORE the show run. It is at this point that the Cryogenics Risk Assessment is added to the general assessment for the run.
2. Before cryogens enter the Annex the building MUST be isolated.

Safety Talk:

1. The safety information document must be circulated to cast and crew a week before the show so that they can all read it.
2. The safety talk summarises this information with emphasis placed on relevance of precautions and procedures for cast and crew.
3. This talk must be given before cryogens are used.
4. The talk must be given by somebody competent in the use and handling of cryogenics.
5. The talk must not be abridged or rushed through for the sake of brevity; it is a fundamental requirement of using cryogenics.

Storage of Cryogenics:

1. Cryogenic materials can NOT be kept in the Annex overnight due to poor ventilation and security issues. New batches must be collected daily or stored elsewhere overnight.
2. Unused cryogens must be disposed of as according to the Safety Information document.
3. The area in which the cryogenics are stored in the Annex during a show must be secure and signs and hazard 'tape' must be placed at each possible entrance. This area must not be used as a thoroughfare.

4. The recommended place for this in the Annex is the top end of lift store. The main access doors must be locked and signed. The small store door must be locked and signage placed on the small-store side to indicate the hazard. The steps are the preferred access route, with a hazard 'tape' barrier placed on the stairs. The emergency escape signs must be covered as this escape route cannot be used. The evacuation routes are unaffected as only persons in the stores (i.e. with the cryogenics) need to evacuate through this area.

Training Logbook:

1. A logbook is kept in the Annex Officer's store; everybody must sign this book who has received the safety talk.
2. If anybody has not had the talk they must be addressed separately before signing.
3. If somebody does not sign this book, they cannot be backstage or on stage during the show run.

Related Documents:

1. Cryogenics Risk Assessment
2. Cryogenics Safety Information Document
3. Dry Ice Material Safety Data Sheet