

# *Hall Safety (and Cryogen replenishment)*

## *MICE CM42*



- *Safety notes*
- *Towards the Big Sign-Off*
- *Cryogen replenishment*

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# Safety notes



- *Very little explanation required!*
  - *MICE is hosted by STFC on behalf of the MICE Collaboration*
  - *The experiment must comply with STFC's (not MICE's) safety policy, which can be found here: <http://www.she.stfc.ac.uk/SHE/Policy/21068.aspx>*
  - *All of the hazards encountered on MICE are routine and well understood and responses to them are contained in RAL Safety codes (RALSC), which are referenced in the above policy*
- *Update in the Hall:*
  - *Although the construction project for Step IV will finish shortly, hard hat and safety shoe policy will continue to be enforced – trip and fall hazards are by far the most likely accident cause*
  - *Larger and more diverse shifter population, safety, training rules unchanged:*
    - *STFC safety induction*
    - *MICE Hall induction*
    - *ISIS user induction*
  - *Generally, the constructional hazards are retired, but vigilance still required during controlled access and PPS searches*



# Towards the Big Sign-Off



- *Before MICE operates, ISIS has to be assured that we're safe ,or in SHE-speak, 'as safe as reasonably practicable'*
  - *This is done through an ISIS Operational Instruction Document, the process of which is roughly as follows:*
    - *A Preliminary Safety tour is arranged by ISIS*
    - *It generates an action list*
    - *After an agreed period, a Final Safety tour is arranged, where the action list is ticked off and Director-Level approval is signed*
  - *All of the many reviews we have undergone, eg, LH2, PRY, PPS have fed into this process over several years, so much of background and mutual trust with ISIS is already in place*
  - *Documentation is more or less drafted for approval – timetable for the safety tours needs to be fixed with MICE-ISIS Safety Committee*
  - *Everything is or shortly will be in MICEmine*



# Cryogen replenishment



- Quite a few LHe & N dewars required for magnet commissioning
- Access at height around North side is tricky
- Access platform design arrived at after colossal email exchange
- Not sure it will be delivered in time for Step IV magnet commissioning
- Until then we can improvise using scaffolding tower at my discretion
- Only people who have completed the STFC cryogen handling course are permitted to handle cryogenes

