**LEARNING FROM INCIDENTS**

**REPORTING FORM**

Please use this form to send us details of incidents you wish to share on our Learning from Incidents page.

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| **Describe what happened** |
| Whilst adding liquid nitrogen to a dewar with a glass insert, liquid nitrogen entered between the glass insert and outer casing via a gap in the seal causing implosion of the Dewar. The majority of the glass stayed inside the vessel and the remainder was cleaned up with a dust pan and brush and disposed of. |
| **What were the immediate cause(s)?** |
| dewar explosion |
| **What were the root cause(s)?** |
| Defective equipment |
| **Describe the action taken** |
| Discussed with Facility Manager and person involved. The particular vessel was supplied with the EM and is of a particular size. This was the oldest vessel of it's type used and all others are in good condition however I recommend regular checks of the seals are implemented and the supplier of the vessels informed. A Safety notice regarding the risk of implosion/explosion of dewars with faulty seals has been sent to the Faculty and regular checks of vessels of a similar design recommended. |
| **Name of incident investigator (optional)** |
| SH |

Please send this form to [safetydept@imperial.ac.uk](mailto:safetydept@imperial.ac.uk)