








LSRA 7 – X-Chem

User Lab Standard 7 : Working in X-Chem lab

You may reference this lab standard instead of completing the information in the ERA. The scope of the work must match that of the standard and you are expected to follow the controls set out below.

Scope: This lab standard risk assessment covers the routine work carried out in X-Chem. Activities outside of the scope of this LSRA must be fully assessed in the experimental risk assessment.

Hazards

Substances	   	
Various hazards – exposure by inhalation, skin and eye contact and ingestion.		
Cryogenics		
Oxygen Depletion and Extreme cold		
Pressure systems		

Control Measures

General ventilation	Suitable storage and labelling of samples, reagents and wastes	Eliminate ignition sources	General PPE requirements – safety glasses and disposable gloves	Remove PPE and wash hands when leaving the lab
Your Diamond contact will train you in the lab standard and on equipment – you are expected to work to this training			Oxygen monitoring alarms – for any alarm, leave the area and call the EHCs	

Personal Protective Equipment

		
Safety glasses	Disposable gloves	Lab coat

Risk - Low