



THE UNIVERSITY OF EDINBURGH
COLLEGE OF MEDICINE & VETERINARY MEDICINE
EDINBURGH BIOQUARTER CAMPUS
HEALTH & SAFETY BULLETIN #292
02ND AUGUST, 2023

CM&VM (Edinburgh bioQuarter Campus) H&S web site: <https://www.ed.ac.uk/medicine-vet-medicine/staff-and-current-students/cmvm-health-and-safety/edinburgh-bioquarter>

University of Edinburgh H&S web site: <http://www.ed.ac.uk/schools-departments/health-safety>



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Health & Safety Training: Those wishing to participate in any one or more of the H&S training courses listed below (All of which continue to be delivered as on-line training using the medium of *MS Teams*) MUST provide *ALL* of the following information in the body of an email to Lindsay.Murray@ed.ac.uk:

- **Your name** (as you wish it to appear on a hard-copy certificate of attendance, which will be issued sometime after the event);
- **Which Department/Centre/Building** you usually work within (so that your certificate can be posted out to you);
- **Which course(s)** you wish to attend; and
- **An email address** that can be cut and pasted into a spreadsheet that will be used to generate an invitation containing a link which participants should use to join each event, and to which any supporting paperwork will also be sent.

Please Note: Failure to send *ALL* of the necessary information, **AND IN THE ABOVE FORMAT**, is likely to result in delays before final details can be confirmed.

Bookings for each course will close a few days before the event, in order to manage the invitation process, so it is recommended that you make an early bid to participate in training (I hesitate to suggest that this should be done also to avoid disappointment).

Hard-copy certificates of completion may, therefore, take some time to reach you, but they *WILL* be sent out in due course.

All courses are repeated regularly throughout the year; so, if you cannot attend one of those listed below, there will be further opportunities, and these will be advertised through the medium of future Safety Bulletins.

New Dates for Health & Safety Induction Training: The next health and safety-related induction training events will be offered at the following time:

- Wednesday 09th August, 2023 at 10:00 (for one hour).
- Friday 18th August, 2023 at 10:00 (for approximately one hour).

This course, which is MANDATORY for all new and recently starting workers, will be suitable for people working in laboratories, offices and support services environments, and includes aspects of fire safety awareness.

Certificates of attendance will be issued for personal and departmental training records.

[To register, see above \(Health & Safety Training\).](#)

Late & Lone Working Training: The next late and lone-working safety training events will be offered at the following time:

- Thursday 10th August, 2023 at 10:00 (for one hour).
- Tuesday 22nd August, 2023 at 14:00 (for one hour).

Please note that attendance on this training course is MANDATORY for all those proposing to work outside hours of expected buildings occupancy (*i.e.* any time after 18:00 or before 07:00 Monday to Friday, or anytime at all during a weekend or University holiday) and anyone who is expected to work apart from others for periods of time.

Certificates of attendance will be issued for personal and departmental training records.

[To register, see above \(Health & Safety Training\).](#)

New Dates for Liquid Nitrogen and Compressed Gas Safety Training: The next round of training events will be delivered at the following times:

Liquid nitrogen safety (Part 1):

- Wednesday 23rd August, 2023 at 10:00 (for approximately two and a quarter hours, to include a short comfort break).

Compressed and laboratory gases safety:

- Monday 28th August, 2023 at 10:00 (for approximately two and a half hours, to include a short comfort break).

Certificates of attendance will be issued for your personal and departmental training records.

Please note that attendance on these training courses is MANDATORY for anyone proposing to (1) work in a liquid nitrogen plant room or handling cryogenic liquids, and/or (2) connect regulators to gas supplies or moving and handling compressed gas cylinders, *etc.*

[To register, see above \(Health & Safety Training\).](#)

Risk Assessment Training and Clinic: In addition to the wide range of task-based risk assessments that we have prepared and maintain for use within our various buildings, the regulatory authority (HSE) look for evidence that training has been provided to those who prepare and maintain these, and also to those work to the arrangements set out in the assessments.

A risk assessment safety training event will be offered at the following time:

- Tuesday 15th August, 2023 at 10:00 (for up to 90 minutes, to allow time for questions relating to risk assessment).

Time has been built into the event to allow for participants to ask questions related to the preparation and application of risk assessments related to their own area of work.

The University of Edinburgh is a charitable body, registered in Scotland, with registration number SC005336

Certificates of attendance will be issued for your personal and departmental training records.

To register, see above (Health & Safety Training).

Continuation/Refresher Training: This is a MANDATORY training course for everyone who has not attended a similar event within the last three years (not least because it includes fire safety awareness, which we all must be seen to have repeated fairly regularly in order to meet our legal obligations). A date and time for the next session (intended for both lab-based and office-based workers), which takes approximately 90 minutes, will be announced in a forthcoming Safety Bulletin.

To register, see above (Health & Safety Training).

H&S Training for Principal Investigator and Supervisors: It is possible to undertake this training programme on-line at <https://www.ed.ac.uk/health-safety/training/e-learning/learn-courses/pi-supervisors>. Alternatively, many people in the past have expressed a preference for more personalised training at which time questions can be asked, and answers hopefully provided. This latter option (a one hour-long event) may be requested at a time of your greatest convenience by emailing Lindsay.Murray@ed.ac.uk

COSHH Training: A three-part training course is offered periodically on the EbQ Campus, and is freely available for any member of staff or student to attend:

- COSHH (Part 1) describes the legislation and how employers and workers are expected to comply.
- COSHH (Part 2) addresses completion of a suitable and sufficient COSHH risk assessment.
- COSHH (Part 3) relates to spill management (Regulation 12 of COSHH) .

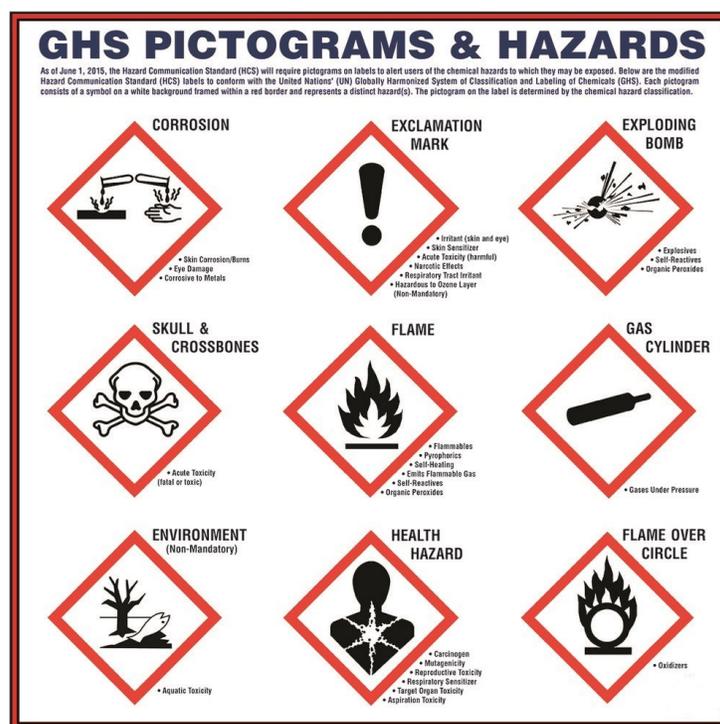
Alternatively, pending arrangement of the next taught sessions, which are delivered *via MS Teams*, there is the option of addressing yourself to an on-line version available to access *via* <https://www.ed.ac.uk/health-safety/training/e-learning/learn-courses/coshh>

Management of Chemical Waste and Labelling of Chemicals: It is **CRITICALLY IMPORTANT** that working solutions of substances (even benign stuff like common salts and sugars), including chemical waste, are properly and clearly labelled, so that: (1) we can be certain what we're dealing with if there's a spillage; (2) we can avoid exorbitant charges for disposal of unidentified/unidentifiable waste; and (3) we can ensure that we avoid co-locating incompatible substances.

DANGEROUS GOODS & COMBUSTIBLE LIQUIDS STORAGE COMPATIBILITY CHART

CLASS / RISK														
FLAMMABLE GASES		✓	✓	SEGREGATE >3m	SEGREGATE >3m	SEGREGATE >5m	ISOLATE	SEGREGATE >3m	SEGREGATE >5m					
MPPM TOXIC FLAMMABLE GASES		✓	✓	✓	✓	SEGREGATE >5m	ISOLATE	SEGREGATE >3m	SEGREGATE >5m					
TOXIC GAS		SEGREGATE >3m	✓	! CHECK MSDS	SEGREGATE >3m	SEGREGATE >5m	ISOLATE	SEGREGATE >3m	SEGREGATE >5m					
OXIDIZING GAS		SEGREGATE >3m	✓	SEGREGATE >3m	✓	SEGREGATE >5m	ISOLATE	SEGREGATE >3m	SEGREGATE >5m					
FLAMMABLE LIQUIDS + COMBUSTIBLE LIQUIDS		SEGREGATE >5m	SEGREGATE >5m	SEGREGATE >5m	SEGREGATE >5m	✓	SEGREGATE >3m	SEGREGATE >5m	SEGREGATE >5m	SEGREGATE >5m	SEGREGATE >5m	ISOLATE	SEGREGATE >5m	SEGREGATE >3m
FLAMMABLE SOLID		SEGREGATE >5m	SEGREGATE >5m	SEGREGATE >5m	SEGREGATE >5m	SEGREGATE >3m	✓	SEGREGATE >3m	SEGREGATE >5m	SEGREGATE >5m	SEGREGATE >5m	ISOLATE	SEGREGATE >3m	! CHECK MSDS
SPONTANEOUSLY COMBUSTIBLE		SEGREGATE >5m	SEGREGATE >3m	✓	SEGREGATE >5m	SEGREGATE >5m	SEGREGATE >5m	ISOLATE	SEGREGATE >3m	SEGREGATE >3m				
DANGEROUS WHEN WET		SEGREGATE >5m	✓	SEGREGATE >5m	SEGREGATE >5m	ISOLATE	SEGREGATE >3m	SEGREGATE >5m						
OXIDIZING AGENT		SEGREGATE >3m	SEGREGATE >3m	SEGREGATE >3m	SEGREGATE >3m	SEGREGATE >5m	KEEP APART	SEGREGATE >5m	SEGREGATE >5m	! CHECK MSDS	ISOLATE	SEGREGATE >3m	SEGREGATE >3m	
ORGANIC PEROXIDE		ISOLATE	✓	ISOLATE	SEGREGATE >3m									

Even when *you* know what's in the beaker or flask *etc*, others must be able to identify and deal with it correctly and safely, so be sure that it's been correctly labelled as to identify and also affix the relevant GHS hazard pictogram(s):



It is completely unacceptable to decant liquids into containers labelled simply "Waste", as that leaves us no alternative but to commit them for disposal as "Unknowns" which are very seriously expensive to dispose of.

Lindsay Murray
Elf n Safety Weasel,
Room SU.225, Chancellor's Building
Tel: 0131 242 6390 (Buildings internal extension: 26390)
Email: Lindsay.Murray@ed.ac.uk
Web site: <https://www.ed.ac.uk/medicine-vet-medicine/staff-and-current-students/cmvm-health-and-safety/edinburgh-bioquarter>
Theme Tune: <https://www.youtube.com/watch?v=VvLV3OZAcyg>

