



HEALTH AND SAFETY

Dangerous Substances & Explosive Atmospheres Policy

1. OVERVIEW AND PURPOSE

- 1.1 The purpose of this policy is to ensure a consistent approach to the management of dangerous substances and explosive atmospheres across the University.
- 1.2 This policy also defines the key terms related to the management of dangerous substances and explosive atmospheres.
- 1.3 The policy sets out areas of responsibility relating to the management of dangerous substances and explosive atmospheres.
- 1.4 This policy aims to ensure that:

Dangerous substances present at the University and their location are identified.

Areas where an explosive atmosphere may form are identified and appropriately classified as hazardous areas (i.e. EX zoning).

Emergency procedures for dealing with an incident involving dangerous substances and explosive atmospheres are put in place.

Suitable training provision is available.

Policy applies to all University of Sussex employees (including visiting academic staff) and Postgraduate Researchers

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3.3 **Principal Investigators / Line Managers / Technical Services Managers**

3.3.1 Support th92 74.6.7 (v)-932 39 64.92 0.1.402.3 (i)-2.7 8402.3 (ia(ung))Td5.9 (ts c 84023 (hni)-8 (.9 (h92

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- 3.5.4 Ensure that the specification and procurement of any ATEX rated equipment is selected in consultation with the University Health & Safety Team and that installation is completed by a CompEX certified contractor.

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6. CONTROL MEASURES

6.1 DSEAR requires control measures to be applied in the following order of priority, consistent with the risk assessment and appropriate to the nature of the activity or operation.

6.1.1 Eliminate the dangerous substance.

6.1.2 Reduce the quantity of the dangerous substance.

6.1.3 Avoid/minimise releases.

6.1.4 Control release at source.

6.1.5 Prevent the formation of an explosive atmosphere.

6.1.6 Collect and remove dangerous substances (mists, vapours, dusts and gases) to a safe place (e.g. ventilation).

6.1.7 Avoid/remove ignition sources.

6.1.8 Avoid adverse operating conditions

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