**Health and Safety Policy**

**Hazardous Substances**

**UHSP/15/HS/10 Schedule 3.8.2**

**Request for Local Exhaust Ventilation system – excluding fume cupboards**

For effective control of airborne hazardous substances the following criteria must be considered in the specification and designprocess.Failure to cover these elements can result in ineffective, unreliable, or expensive LEV.

Please complete sections 1 and 2 and return to: Dean Cross [d.f.cross@bham.ac.uk](mailto:d.f.cross@bham.ac.uk) Kevin George [k.george@bham.ac.uk](mailto:k.george@bham.ac.uk)

|  |  |  |  |
| --- | --- | --- | --- |
| School: |  | Location: |  |
| Contact name: |  | Email: |  | Telephone: |  |

**Section 1:**

Process

|  |
| --- |
| Description of process that is producing the airborne contaminant: |
| Operating temperature of process: |

Contaminant Characteristics:

|  |  |
| --- | --- |
| Type of contaminant: |  |
| Substance name: |  |
| Volatility of liquid: |  |
| Boiling point of liquid: |  |
| Dustiness of solid: |  |
| Amount used: |  |

Contaminant Sources

|  |  |
| --- | --- |
| Number of sources to be captured/controlled: |  |
| Volume of each source : |  |
| Rate of release: |  |
| Direction: |  |
| Contaminant concentration: |  |

**Section 2**

Hazard Banding:

Please select the hazard band for the contaminants based on their risk phrases or hazard statements.

\*risk phrases or hazard statements can be found in the substances safety data sheet or on HAZDAT.

If in doubt please contact your Health and Safety Coordinator

|  |  |  |
| --- | --- | --- |
| **Hazard Band** | **Risk Phrase** | **Hazard Statement** |
| **A** | 36, 38, 65, 67 and all not otherwise listed | 303, 304, 305, 313, 315, 316, 318, 319, 320, 333, 336 and all not otherwise listed |
| **B** | 20, 21, 22, 68/20/21/22 | 302, 312, 332, 371 |
| **C** | 23, 24, 25, 34, 35, 37, 41, 43, 48/20/21/22, 39/23/24/25, 68/23/24/25 | 301, 311, 314, 317, 318, 331, 335, 370,373 |
| **D** | 26, 27, 28, 40, 60, 61, 62, 63, 64, 48/23/24/25, 39/26/27/28 | 300, 310, 330, 351, 360, 361, 362, 372 |
| **E** | 42, 45, 46, 49, 68 | 334, 340, 341, 350 |

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| Return form to Health and Safety Unit and Estates([d.f.cross@bham.ac.uk](mailto:d.f.cross@bham.ac.uk) and [k.george@bham.ac.uk](mailto:k.george@bham.ac.uk)) |