HAZARD CATEGORY A

List here the school/departmental safety codes that cover the work involved.
These may be documents or web pages.

Laboratory Code of Practice - General
(http://people.cryst.bbk.ac.uk/%7Eubcg17a/safety/jimindex.htm)

Laboratory Code of Practice – Biophysics Centre (attached and displayed on wall)

Fire Safety (attached and displayed on wall)
Emergency Procedures (attached and displayed on wall)
Electrical Safety (http://people.cryst.bbk.ac.uk/%7Eubcg17a/safety/jim006.html)

HAZARD CATEGORIES B-E

IDENTIFY
State here the identified hazards associated with the work. List, in the section at the foot of the page, all those persons involved in the work. Do not forget cleaners and persons who may be indirectly placed at risk. It may be necessary to restrict access to certain areas to eliminate risk to such persons.

Specific Hazards of Project:.....

.....

.....

General Hazards (Biophysics Centre):

Toxic, corrosive and irritant chemical substances - e.g. sodium azide, acrylamide, beta-mercaptoethanol, heavy metal compounds, acetone, antibiotics, strong acids/alkalis, strong detergents, mineral oil
Flammable substances – e.g. ethanol, methanol, acetone
Burns - e.g. autoclave, microwave (additional risk of explosion), heating blocks
Risk of burst of pressurized liquid handling systems e.g. FPLC, HPLC

CONTROL
State here the controls e.g. elimination, substitution, engineering controls and personal protective equipment which will be used to minimise the risks from the identified hazards. Continue on a separate sheet if necessary.

Specific Hazards of Project: .....

.....

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General Hazards (Biophysics Centre):

Toxic, corrosive, irritant and flammable substances are clearly labelled.
Material safety data sheets for all substances are provided in the laboratory.
Chemical spill kits are provided in the laboratory.
Lab coats, disposable powder-free nitrile gloves, safety spectacles and fume hoods are provided.
Strong acids and flammable substances are stored in separate safety cabinets.
Where possible the form of a chemical that presents the least risk is identified and used e.g. acrylamide solution rather than powder.
Where possible functionally equivalent substances with lower toxicity are identified and substituted.
Hazardous chemicals will be stored in the smallest practicable amounts.
Individual workers are only allowed limited amounts of hazardous substances at their bench and where practicable this must be in a diluted form.
Heat resistant gloves are provided.

INFORM
State here the information (relevant policy/code of practice/local rules or local, local rules), instruction & training that will be provided to workers/students on the hazards and control measures.

All new workers are required to read, indicate their understanding of, and adhere to the documents in part A which cover general safe practice.
Instruction will be provided to all new workers in respect of safe handling of hazardous chemicals, by the laboratory manager or deputy.
Full training in use of the relevant lab instruments will be provided to all users.

MONITOR
State here what monitoring arrangements will be instituted to check that controls are being adhered to or are effective including whether HEALTH SURVEILLANCE (inform the Health and Safety Officer) will be necessary.

Lab Manager to monitor that safe practice and controls are adhered to on a daily basis.
Periodic inspection by School and College Safety Officers.

REVIEW
Remember to review this assessment at least annually and more often if there is a material change to the work which may affect this risk assessment. See top of front page.

Employees/P.G. students/workers/others involved with the work

Name	Status	Initialled as seen & understood

Keep this form where it can be conveniently referred to by workers/students or inspectors.
