

OHS RISK ASSESSMENT AND CONTROL FORMRisk Assessment Completed by:
Kate Dixon - HSOFaculty: **Science**School: **Molecular & Biomedical Science**

RMSS Number:

Initial Issue Date:

17th February 2010

Current Version:

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Current Version Date:

17th February 2010

Next Review Date:

17th February 2015

Risk Assessment Title: X RAY FILM PROCESSOR**Step 1: Identify the activity**

Describe the activity:

Risks associated with using an X Ray Film Processor.

Describe the location:

MLS Room 2.29

Step 2: Identify who may be at risk by the activity

Staff and students using the equipment, other persons in the vicinity.

Step 3: Identify the hazards, risks, and rate the risks

- Using the following table, identify the risks and hazards associated with the particular plant, chemical or process.
- List existing controls and determine a risk rating using MBS Risk Rating Procedure.
- Additional risk controls may be required to achieve an acceptable level of risk. Re-rate the risk if additional controls are required.

C: Consequence

L: Likelihood

R: Rating L - VH

| Hazards | Associated Risks | Risk Rating with current controls: | | | Controls | Risk Rating with Additional Controls: | | |
|-----------------|--|------------------------------------|-----------------|---------------|---|---------------------------------------|---|---|
| | | C | L | R | | C | L | R |
| Chemical | Illness due to exposure to substances used in developing process. Persons can also be exposed if the equipment jams. | M (Moderate) | U (Unlikely) | M (Medium) | SOP must be on or near the X Ray Film Processor. All persons using the X Ray Film Processor must be trained by an experienced person. Appropriate PPE must be worn at all times. Spill kits must be readily available. Eye Wash/safety showers must be easily accessible. Machine must be cleaned annually. | | | |
| Radiation | Illness due to radiation exposure. | m (Major) | R (Rare) | M (Medium) | SOP must be on or near the X Ray Film Processor. All persons using the X Ray Film Processor must be trained by an experienced person. Appropriate PPE must be worn at all times. Shielding must be in place. Minimise time taken to complete the task. Any material containing radionuclides must be wrapped to prevent cross contamination. Equipment is to be situated in a dedicated area to prevent exposure to other persons. Radiation Spill kit must be readily accessible. | | | |
| Light Level | Physical injuries caused by working in low level light. | Mi (Minor) | U (Unlikely) | L (Low) | Ensure workstation is set up ergonomically. Ensure there are no tripping hazards on the floor or items on the desk that could cause injury prior to commencing work. Use infrared lighting to allow some visibility. | | | |
| Manual Handling | Musculoskeletal injuries from moving heavy containers of developer. | M (Moderate) | U (Unlikely) | M (Medium) | Use trolleys to move large containers of developing fluid. | | | |

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Step 4: Documentation and initial approval:

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|-----------------------------|-----------------------|------------------------|-----------------------------|
| Completed by: Kate Dixon | Signed: Kate Dixon | Subject Matter Expert: | Date: 17th February 2010 |
|-----------------------------|-----------------------|------------------------|-----------------------------|

Step 5: Implement the controls/any additional controls identified

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| Indicate briefly any additional controls that have been implemented, when and by whom. | | |
| Risk Control: | Date: | Implemented by: |
| Risk Control: | Date: | Implemented by: |
| Risk Control: | Date: | Implemented by: |

Step 6: Monitor and review the risk controls

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|---|--------------|----------------|
| It is important to monitor risk controls and review risk assessments regularly. Review is required when there is a change in the process, relevant legal changes, and where a cause for concern has arisen. If the risk assessment has substantially changed, a new risk assessment is warranted. | | |
| Review Date: | Reviewed by: | Authorised by: |
| Review Date: | Reviewed by: | Authorised by: |
| Review Date: | Reviewed by: | Authorised by: |
| Review Date: | Reviewed by: | Authorised by: |
| Review Date: | Reviewed by: | Authorised by: |

Step 7: Add to Hazard Register

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| If the identified risk is medium or above after controls have been implemented, the Activity |
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should be signed of by the Head of School and then transferred to the Hazard Register.

Date entered onto Hazard Register:

Head of School Signature: