

# RISK ASSESSMENT FORM

Activity/Task: Light session at Sandford Mill



HAZARDS	RISK RATING (High, Med, Low)	CONTROLS
Flint and steel demonstration. Children, hit by flint specks	L2 x C4	Demonstrator performs at side table away from children.
Lighting candle demonstration. All – risk of fire and burning .	L1 x C2	Supervision. Demonstrator ensures candle is secure, does not leave it burning and hides matches in box.
Hot wire demonstration. Children: electrocution (12V), burning.	L1 x C5	Keys to battery kept behind barrier out of reach. Children behind barrier.
Camera obscura demonstration. Children: trip in darkness	L2 x C2	Supervision. All to be seated before door is closed.
Sun and earth demonstration. Children; burns on projector lamp.	L2 x C2	Supervision. Children kept clear and do not touch lamp.
Light house experiments. Trip hazards in semi darkness.	L2 x C2	Supervision. Children to stay sitting in groups.
Toolbox camera demonstration. Demonstrator: skin burns from acid bleach and fumes.	L2 x C4	Gloves and goggles are worn, bleach kept covered, extra water rinse before fixer added.
Children: inhalation of bleach fumes	L2 x C4	Supervision: Fence round processing table. Children remain seated behind it till processing stops.
Children: access to processing chemicals. Skin burning, drinking.	L1 x C4	Kept in locked cupboard in store to which children don't have access. COSHH datasheets available.  First aid kit and eye wash station immediate availability. Learning Officers and Curator are First Aid trained.

**PEOPLE AT RISK:**

Tick appropriate box(s)

Employees

Non Employees

**SAFE SYSTEM OF WORK - Control Measures Required to Avoid or Minimise Risk**

1) Before Starting Work:

2) Safe Working: as above

3) Upon Completion:

**Overall Task Residual Risk** (High, Med or Low) After Implementing Control Measures    LOW

**Are the Risks Adequately Controlled**                      **Yes** (If No This Activity **Must Not** Take Place. Contact Health, Safety & Welfare for further advice)

Assessor Name:    N Wickenden                      Signature                      *Nickson Wickenden*                      Date: 2 mar 2012  
Date Communicated to Staff:

**RISK ASSESSMENT REVIEW**

**ADDITIONAL CONTROL MEASURES:**

**Are Employees Complying**                      Yes / No

**Have Any New Hazards Been Identified**                      Yes / No

**Are the Risks Adequately Controlled**                      Yes / No

If No This Activity **Must Not** Take Place. Contact Health, Safety & Welfare for further advice

REVIEWED BY:    Signature:                      *Nickson Wickenden*                      Date: 28 May 2015  
Date Communicated to Staff (if findings different):