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| **Creator/Reviewer of Risk Assessment** | **Name** Mike Dennis |
| **Signature** |
| **Date** | 29/4/2019 |

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| **Severity** | **Likelihood** | **Risk Rating\* (S x L)** |
| 1 No or Little Harm | 1 Unlikely | 1-5 Low |
| 2 Minor/First Aid | 2 Possible | 6-10 Medium |
| 3 Medical Attention | 3 Probable | 10+ high |
| 4 Hospitalisation | 4 Likely |  |
| 5 Death/Irreparable Injury | 5 Certain |  |

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| Activity/Item Being Assessed  | Hazard Identified | Persons/Property At Risk | Control Measures | Severity | Likelihood | Risk Rating\* | Notes/Safety Advice |
| General Workshop hazards | Children not following instructionsChildren not using equipment in an appropriate manner | All | Appropriate supervision.Instructions for appropriate conduct given. | 3 | 1 | 3 |  |
| Heating with flame | Burns/ scalding | Participants | Appropriate supervision.Instructions for appropriate conduct given. | 2 | 2 | 4 | The following parts will get hot: stand, cases, contents, lamp. Do not touch them. Use the peg to move case. Hold case with the peg before stirring. Use a wooden stick for stirring. |
| Hair catching fire | Participants | All children with long hair told to tie hair back. Provide bands. | 3 | 2 | 3 |  |
| Fuel spills and spreading flames | Participants | Sealed "liquid wax" candles are used. Spills are unlikely, but not impossible. Spilt fuel is not flammable itself, but leaks from a lit burner can ignite. Heat-proof tiles should always be used; presenter and volunteers should always be monitoring burners, and extinguish if safe, or move participants away if necessary.Visual inspection of burners before and after every session is necessary. | 3 | 1 | 3 |  |
| Heating liquids | ‘Spitting’ of hot liquid | Participants | Safety goggles to be worn when heatingVery small amounts of liquid heated at a time. | 3 | 1 | 3 | Do not lean over the case as you are heating. The liquid could splash up and burn your face. |
| Heating solder | Fumes may irritate nose and throat, eyes.Flux may spit. | Participants | Ensure adequate ventilation of room. Only very small pieces of solder are heated. No more than one piece should be used by each pair.Safety goggles to be worn.Only lead-free solder to be used. | 2 | 1 | 2 | Only use a single piece of each metal.Throw the solder ball away at the end of the session. |