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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 instructions  Children 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 heating  Very 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. |