

Risk Assessment Archery

| Task/Step (Sequential Order) | Hazards (associated with each step) | Risks (There may be more than one risk associated with each hazard) | Likelihood | Consequences | Control Measures | Score |
|--|--|--|---|--|---|-------|
| 1. Assemble group for safety briefing & demonstrate correct use of gear | 1a Unsupervised Use of equipment | Injury from incorrect use | <input type="checkbox"/> Very Unlikely <input checked="" type="checkbox"/> Unlikely <input type="checkbox"/> Likely <input type="checkbox"/> Very Likely | <input type="checkbox"/> Minor <input type="checkbox"/> Moderate <input checked="" type="checkbox"/> Major <input type="checkbox"/> Extreme | Instructor to be at range before participants arrive. Assemble group quickly, give clear concise instructions. Bows not to be left out at the range without instructor present. | 4 |
| | | | <input type="checkbox"/> Very Unlikely <input type="checkbox"/> Unlikely <input type="checkbox"/> Likely <input type="checkbox"/> Very Likely | <input type="checkbox"/> Minor <input type="checkbox"/> Moderate <input type="checkbox"/> Major <input type="checkbox"/> Extreme | | |
| | | | <input type="checkbox"/> Very Unlikely <input type="checkbox"/> Unlikely <input type="checkbox"/> Likely <input type="checkbox"/> Very Likely | <input type="checkbox"/> Minor <input type="checkbox"/> Moderate <input type="checkbox"/> Major <input type="checkbox"/> Extreme | | |
| | 1b | | <input type="checkbox"/> Very Unlikely <input type="checkbox"/> Unlikely <input type="checkbox"/> Likely <input type="checkbox"/> Very Likely | <input type="checkbox"/> Minor <input type="checkbox"/> Moderate <input type="checkbox"/> Major <input type="checkbox"/> Extreme | | |
| | | | <input type="checkbox"/> Very Unlikely <input type="checkbox"/> Unlikely <input type="checkbox"/> Likely <input type="checkbox"/> Very Likely | <input type="checkbox"/> Minor <input type="checkbox"/> Moderate <input type="checkbox"/> Major <input type="checkbox"/> Extreme | | |
| | | | <input type="checkbox"/> Very Unlikely <input type="checkbox"/> Unlikely <input type="checkbox"/> Likely <input type="checkbox"/> Very Likely | <input type="checkbox"/> Minor <input type="checkbox"/> Moderate <input type="checkbox"/> Major <input type="checkbox"/> Extreme | | |
| | 1c | | <input type="checkbox"/> Very Unlikely <input type="checkbox"/> Unlikely <input type="checkbox"/> Likely <input type="checkbox"/> Very Likely | <input type="checkbox"/> Minor <input type="checkbox"/> Moderate <input type="checkbox"/> Major <input type="checkbox"/> Extreme | | |
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| | | | <input type="checkbox"/> Very Unlikely <input type="checkbox"/> Unlikely <input type="checkbox"/> Likely <input type="checkbox"/> Very Likely | <input type="checkbox"/> Minor <input type="checkbox"/> Moderate <input type="checkbox"/> Major <input type="checkbox"/> Extreme | | |
| | 1d | | <input type="checkbox"/> Very Unlikely <input type="checkbox"/> Unlikely <input type="checkbox"/> Likely <input type="checkbox"/> Very Likely | <input type="checkbox"/> Minor <input type="checkbox"/> Moderate <input type="checkbox"/> Major <input type="checkbox"/> Extreme | | |
| | | | <input type="checkbox"/> Very Unlikely <input type="checkbox"/> Unlikely <input type="checkbox"/> Likely <input type="checkbox"/> Very Likely | <input type="checkbox"/> Minor <input type="checkbox"/> Moderate <input type="checkbox"/> Major <input type="checkbox"/> Extreme | | |
| | | | <input type="checkbox"/> Very Unlikely <input type="checkbox"/> Unlikely <input type="checkbox"/> Likely <input type="checkbox"/> Very Likely | <input type="checkbox"/> Minor <input type="checkbox"/> Moderate <input type="checkbox"/> Major <input type="checkbox"/> Extreme | | |

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|---------------------------------|---|--|---|--|---|-------|
| Practical session. | 2a Incorrect use of equipment. | Arm hit with bow string | <input type="checkbox"/> Very Unlikely <input type="checkbox"/> Unlikely <input checked="" type="checkbox"/> Likely <input type="checkbox"/> Very Likely | <input checked="" type="checkbox"/> Minor <input type="checkbox"/> Moderate <input type="checkbox"/> Major <input type="checkbox"/> Extreme | Armguards, demonstrate correct techniques | 5 |
| | | Poked with arrow (nock end) | <input type="checkbox"/> Very Unlikely <input checked="" type="checkbox"/> Unlikely <input type="checkbox"/> Likely <input type="checkbox"/> Very Likely | <input checked="" type="checkbox"/> Minor <input type="checkbox"/> Moderate <input type="checkbox"/> Major <input type="checkbox"/> Extreme | Participants to look out for arrows when walking on target field. Stay away from front of target area. | 6 |
| | | Overdraw causes puncture | <input type="checkbox"/> Very Unlikely <input checked="" type="checkbox"/> Unlikely <input type="checkbox"/> Likely <input type="checkbox"/> Very Likely | <input type="checkbox"/> Minor <input type="checkbox"/> Moderate <input checked="" type="checkbox"/> Major <input type="checkbox"/> Extreme | Good instruction on loading, good supervision while firing | 4 |
| | 2b Participants walking onto field while others are shooting | Struck by arrow | <input type="checkbox"/> Very Unlikely <input checked="" type="checkbox"/> Unlikely <input type="checkbox"/> Likely <input type="checkbox"/> Very Likely | <input type="checkbox"/> Minor <input type="checkbox"/> Moderate <input checked="" type="checkbox"/> Major <input type="checkbox"/> Extreme | Good safety briefing no participants on field until instructor gives all clear. Participants not to pick up bows until all have returned behind firing line & instructor gives all clear. | 4 |
| | | | <input type="checkbox"/> Very Unlikely <input type="checkbox"/> Unlikely <input type="checkbox"/> Likely <input type="checkbox"/> Very Likely | <input type="checkbox"/> Minor <input type="checkbox"/> Moderate <input type="checkbox"/> Major <input type="checkbox"/> Extreme | | |
| | | | <input type="checkbox"/> Very Unlikely <input type="checkbox"/> Unlikely <input type="checkbox"/> Likely <input type="checkbox"/> Very Likely | <input type="checkbox"/> Minor <input type="checkbox"/> Moderate <input type="checkbox"/> Major <input type="checkbox"/> Extreme | | |
| | 2c Participant pointing arrows toward someone else | | <input type="checkbox"/> Very Unlikely <input type="checkbox"/> Unlikely <input type="checkbox"/> Likely <input type="checkbox"/> Very Likely | <input type="checkbox"/> Minor <input type="checkbox"/> Moderate <input type="checkbox"/> Major <input type="checkbox"/> Extreme | | |
| | | Struck by arrow. | <input type="checkbox"/> Very Unlikely <input checked="" type="checkbox"/> Unlikely <input type="checkbox"/> Likely <input type="checkbox"/> Very Likely | <input type="checkbox"/> Minor <input type="checkbox"/> Moderate <input checked="" type="checkbox"/> Major <input type="checkbox"/> Extreme | Good safety briefing & Supervision | 4 |
| | | | <input type="checkbox"/> Very Unlikely <input type="checkbox"/> Unlikely <input type="checkbox"/> Likely <input type="checkbox"/> Very Likely | <input type="checkbox"/> Minor <input type="checkbox"/> Moderate <input type="checkbox"/> Major <input type="checkbox"/> Extreme | | |
| | 2d | | <input type="checkbox"/> Very Unlikely <input type="checkbox"/> Unlikely <input type="checkbox"/> Likely <input type="checkbox"/> Very Likely | <input type="checkbox"/> Minor <input type="checkbox"/> Moderate <input type="checkbox"/> Major <input type="checkbox"/> Extreme | | |
| | | | <input type="checkbox"/> Very Unlikely <input type="checkbox"/> Unlikely <input type="checkbox"/> Likely <input type="checkbox"/> Very Likely | <input type="checkbox"/> Minor <input type="checkbox"/> Moderate <input type="checkbox"/> Major <input type="checkbox"/> Extreme | | |
| | | | <input type="checkbox"/> Very Unlikely <input type="checkbox"/> Unlikely <input type="checkbox"/> Likely <input type="checkbox"/> Very Likely | <input type="checkbox"/> Minor <input type="checkbox"/> Moderate <input type="checkbox"/> Major <input type="checkbox"/> Extreme | | |

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| 3. Unsupervised use of equipment between sessions | 3a Don't know rules or correct use of equipment | Injury from unsupervised use | <input type="checkbox"/> Very Unlikely <input checked="" type="checkbox"/> Unlikely <input type="checkbox"/> Likely <input type="checkbox"/> Very Likely | <input type="checkbox"/> Minor <input type="checkbox"/> Moderate <input checked="" type="checkbox"/> Major <input type="checkbox"/> Extreme | Instruct group to Stay away from Equipment Between sessions, bows not to be left at range without instructor present. | 4 |
| | | | <input type="checkbox"/> Very Unlikely <input type="checkbox"/> Unlikely <input type="checkbox"/> Likely <input type="checkbox"/> Very Likely | <input type="checkbox"/> Minor <input type="checkbox"/> Moderate <input type="checkbox"/> Major <input type="checkbox"/> Extreme | | |
| | | | <input type="checkbox"/> Very Unlikely <input type="checkbox"/> Unlikely <input type="checkbox"/> Likely <input type="checkbox"/> Very Likely | <input type="checkbox"/> Minor <input type="checkbox"/> Moderate <input type="checkbox"/> Major <input type="checkbox"/> Extreme | | |
| | 3b | | <input type="checkbox"/> Very Unlikely <input type="checkbox"/> Unlikely <input type="checkbox"/> Likely <input type="checkbox"/> Very Likely | <input type="checkbox"/> Minor <input type="checkbox"/> Moderate <input type="checkbox"/> Major <input type="checkbox"/> Extreme | | |
| | | | <input type="checkbox"/> Very Unlikely <input type="checkbox"/> Unlikely <input type="checkbox"/> Likely <input type="checkbox"/> Very Likely | <input type="checkbox"/> Minor <input type="checkbox"/> Moderate <input type="checkbox"/> Major <input type="checkbox"/> Extreme | | |
| | | | <input type="checkbox"/> Very Unlikely <input type="checkbox"/> Unlikely <input type="checkbox"/> Likely <input type="checkbox"/> Very Likely | <input type="checkbox"/> Minor <input type="checkbox"/> Moderate <input type="checkbox"/> Major <input type="checkbox"/> Extreme | | |
| | 3c | | <input type="checkbox"/> Very Unlikely <input type="checkbox"/> Unlikely <input type="checkbox"/> Likely <input type="checkbox"/> Very Likely | <input type="checkbox"/> Minor <input type="checkbox"/> Moderate <input type="checkbox"/> Major <input type="checkbox"/> Extreme | | |
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| | | | <input type="checkbox"/> Very Unlikely <input type="checkbox"/> Unlikely <input type="checkbox"/> Likely <input type="checkbox"/> Very Likely | <input type="checkbox"/> Minor <input type="checkbox"/> Moderate <input type="checkbox"/> Major <input type="checkbox"/> Extreme | | |
| | 3d | | <input type="checkbox"/> Very Unlikely <input type="checkbox"/> Unlikely <input type="checkbox"/> Likely <input type="checkbox"/> Very Likely | <input type="checkbox"/> Minor <input type="checkbox"/> Moderate <input type="checkbox"/> Major <input type="checkbox"/> Extreme | | |
| | | | <input type="checkbox"/> Very Unlikely <input type="checkbox"/> Unlikely <input type="checkbox"/> Likely <input type="checkbox"/> Very Likely | <input type="checkbox"/> Minor <input type="checkbox"/> Moderate <input type="checkbox"/> Major <input type="checkbox"/> Extreme | | |

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| 4. Maintenance of equipment | 4a Poor maintenance of equipment | Bow or string breaks | <input type="checkbox"/> Very Unlikely <input checked="" type="checkbox"/> Unlikely <input type="checkbox"/> Likely <input type="checkbox"/> Very Likely | <input type="checkbox"/> Minor <input checked="" type="checkbox"/> Moderate <input type="checkbox"/> Major <input type="checkbox"/> Extreme | Visual check of equipment each set up. Regular maintenance of equipment | 5 |
| | | | <input type="checkbox"/> Very Unlikely <input type="checkbox"/> Unlikely <input type="checkbox"/> Likely <input type="checkbox"/> Very Likely | <input type="checkbox"/> Minor <input type="checkbox"/> Moderate <input type="checkbox"/> Major <input type="checkbox"/> Extreme | | |
| | | | <input type="checkbox"/> Very Unlikely <input type="checkbox"/> Unlikely <input type="checkbox"/> Likely <input type="checkbox"/> Very Likely | <input type="checkbox"/> Minor <input type="checkbox"/> Moderate <input type="checkbox"/> Major <input type="checkbox"/> Extreme | | |
| | 4b | | <input type="checkbox"/> Very Unlikely <input type="checkbox"/> Unlikely <input type="checkbox"/> Likely <input type="checkbox"/> Very Likely | <input type="checkbox"/> Minor <input type="checkbox"/> Moderate <input type="checkbox"/> Major <input type="checkbox"/> Extreme | | |
| | | | <input type="checkbox"/> Very Unlikely <input type="checkbox"/> Unlikely <input type="checkbox"/> Likely <input type="checkbox"/> Very Likely | <input type="checkbox"/> Minor <input type="checkbox"/> Moderate <input type="checkbox"/> Major <input type="checkbox"/> Extreme | | |
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| | 4c | | <input type="checkbox"/> Very Unlikely <input type="checkbox"/> Unlikely <input type="checkbox"/> Likely <input type="checkbox"/> Very Likely | <input type="checkbox"/> Minor <input type="checkbox"/> Moderate <input type="checkbox"/> Major <input type="checkbox"/> Extreme | | |
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| | 4d | | <input type="checkbox"/> Very Unlikely <input type="checkbox"/> Unlikely <input type="checkbox"/> Likely <input type="checkbox"/> Very Likely | <input type="checkbox"/> Minor <input type="checkbox"/> Moderate <input type="checkbox"/> Major <input type="checkbox"/> Extreme | | |

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| 5. Archery Sessions offsite | 4a Un suitable location to run session | Person hit by arrow behind target | <input type="checkbox"/> Very Unlikely <input checked="" type="checkbox"/> Unlikely <input type="checkbox"/> Likely <input type="checkbox"/> Very Likely | <input type="checkbox"/> Minor <input type="checkbox"/> Moderate <input checked="" type="checkbox"/> Major <input type="checkbox"/> Extreme | Minimum of 100m of clear space where visibility is good behind and 10m to each side of targets | 4 |
| | | Property damaged by being hit by arrow behind targets | <input type="checkbox"/> Very Unlikely <input checked="" type="checkbox"/> Unlikely <input type="checkbox"/> Likely <input type="checkbox"/> Very Likely | <input checked="" type="checkbox"/> Minor <input type="checkbox"/> Moderate <input type="checkbox"/> Major <input type="checkbox"/> Extreme | Minimum of 100m of clear space where visibility is good behind and 10m to each side of targets | 6 |
| | | | <input type="checkbox"/> Very Unlikely <input type="checkbox"/> Unlikely <input type="checkbox"/> Likely <input type="checkbox"/> Very Likely | <input type="checkbox"/> Minor <input type="checkbox"/> Moderate <input type="checkbox"/> Major <input type="checkbox"/> Extreme | | |
| | 4b | | <input type="checkbox"/> Very Unlikely <input type="checkbox"/> Unlikely <input type="checkbox"/> Likely <input type="checkbox"/> Very Likely | <input type="checkbox"/> Minor <input type="checkbox"/> Moderate <input type="checkbox"/> Major <input type="checkbox"/> Extreme | | |
| | | | <input type="checkbox"/> Very Unlikely <input type="checkbox"/> Unlikely <input type="checkbox"/> Likely <input type="checkbox"/> Very Likely | <input type="checkbox"/> Minor <input type="checkbox"/> Moderate <input type="checkbox"/> Major <input type="checkbox"/> Extreme | | |
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| | 4d | | <input type="checkbox"/> Very Unlikely <input type="checkbox"/> Unlikely <input type="checkbox"/> Likely <input type="checkbox"/> Very Likely | <input type="checkbox"/> Minor <input type="checkbox"/> Moderate <input type="checkbox"/> Major <input type="checkbox"/> Extreme | | |

Risk Assessment

Risk Priority Chart – from Qld Risk Management advisory standard 2000

(Risk scores of 1 or 2 indicates the activity may need to be re – designed or avoided, unless tighter control measures can be implemented. Risk scores of 3 indicate caution must be exercised to ensure the activity control measures remain effective.)

| Likelihood | Consequences | | | |
|---------------|--------------|-------|----------|-------|
| | Extreme | Major | Moderate | Minor |
| Very Likely | 1 | 2 | 3 | 4 |
| Likely | 2 | 3 | 4 | 5 |
| Unlikely | 3 | 4 | 5 | 6 |
| Very Unlikely | 4 | 5 | 6 | 7 |

Prepared By Isaac Peckover

Signature _____

Date 06/01/20