

# Airgun Shooting Risk Assessment – Patshull Activity Centre

| To use this risk assessment:  |   | Severity Factor & Remaining Risk Assessment |  |  |  |  |  |
|---|---|---|--|--|--|--|--|
| 1) Read the Generic risk assessment, THEN   |   |   |  |  |  |  |  |
| 2) Read the Element specific risk assessment for the activity   |   |   |  |  |  |  |  |
|   | Systematic Controls – these are processes or management actions. They happen outside of the instructed session time.  |   |  |  |  |  |  |
|   | What to say – these are instructions or information that the instructor leading the session has to give to the participants.                                |   |  |  |  |  |  |
|   | What to do – these are actions that the instructor leading the session has to take either before or during the session.                                     |   |  |  |  |  |  |
|   | What to check – these are the key things the instructor leading the session must confirm – they can be either physical things or participant understanding. |   |  |  |  |  |  |
| Severity Factor & Remaining Risk Assessment   |   |   |  |  |  |  |  |
| The following descriptors are used in each risk assessment. Note that a MEDIUM residual risk is used to show that a hazard requires dynamic risk assessment and deliberate management within the session by the instructor. |   |   |  |  |  |  |  |
| Level   | Severity Description  |   | Residual Risk Description  |  |  |  |  |
| Low   | Minor injury requiring no treatment, or simple first aid.   |   | Control measures have reduced the severity and/or likelihood to minimal levels.  |  |  |  |  |
| Medium  | Injury would require the participant to stop doing the activity; medical treatment is beyond the skills of a basic first aider.                             |   | Control measures have reduced severity and/or likelihood to an adequate level but hazard still requires dynamic risk assessment and conscious consideration. |  |  |  |  |
| High  | Injury would require expert medical attention and/or be fatal.  |   | Control measures haven't reduced severity or likelihood to an acceptable level.  |  |  |  |  |

| Hazardous Event                  | Who may be harmed? | Foreseeable Severity | Control Measures in Place<br>(  Systematic controls  What to say  What to do  What to check) |   |  |  | Residual Risk |
|----------------------------------|--------------------|----------------------|--|---|--|--|---------------|
| Inadequate training for activity | All                | High                 |   | <ul style="list-style-type: none"> <li>PAC Core team to ensure are up to date with appropriate qualifications and activity rules</li> </ul>   |  |  |               |
|                                  |                    |                      |   | <ul style="list-style-type: none"> <li>Clear, comprehensive safety briefing given by the instructor</li> </ul>  |  |  |               |
|                                  |                    |                      |   | <ul style="list-style-type: none"> <li>Check that everyone taking part in the activity has attended the safety briefing</li> </ul>  |  |  |               |
| Failure of equipment             | Participants       | High                 |   | <ul style="list-style-type: none"> <li>Regular inspection, testing and maintenance of all equipment</li> </ul>  |  |  |               |
|                                  |                    |                      |   | <ul style="list-style-type: none"> <li>Check all equipment before each session</li> </ul>   |  |  |               |
|                                  |                    |                      |   | <ul style="list-style-type: none"> <li>Airguns</li> <li>Pellet catchers</li> <li>Backstop</li> <li>Safety glasses</li> </ul>  |  |  |               |
| Unsupervised use                 | All                | High                 |   | <ul style="list-style-type: none"> <li>Equipment to be stored securely when not in use</li> </ul>   |  |  |               |
|                                  |                    |                      |   | <ul style="list-style-type: none"> <li>Store airguns and pellets in secured area</li> <li>Pellets to be stored in a separate container (Legal Requirement)</li> <li>Range to be locked when not in use</li> </ul> |  |  |               |



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| Hazardous Event          | Who may be harmed?     | Foreseeable Severity | Control Measures in Place<br>(  Systematic controls  What to say  What to do  What to check) ) |  |  |  |  | Residual Risk |  |
|--------------------------|------------------------|----------------------|--|--|--|--|--|---------------|--|
|                          |                        |                      |   | <ul style="list-style-type: none"> <li>Range is locked</li> <li>Equipment secured</li> </ul>   |  |  |  |               |  |
| Conduct of Participants  | Anyone in the vicinity | High                 |   | <ul style="list-style-type: none"> <li>Instructor to suitably qualified to give safety briefing to all participants – NSRA RCO or NSRA qualification in the appropriate discipline.</li> </ul>   |  |  |  |               |  |
|                          |                        |                      |   | <ul style="list-style-type: none"> <li>Explain the expected conduct of participants whilst on the range.</li> <li>Explain that all participants must follow the instructions of the Instructor/Range Officer</li> </ul>  |  |  |  |               |  |
|                          |                        |                      |   | <ul style="list-style-type: none"> <li>Deliver clear safety briefing to all participants, including expectations of participants conduct while on the range.</li> <li>Ensure a Leader In Charge remains on the range throughout the session.</li> </ul>  |  |  |  |               |  |
|                          |                        |                      |   | <ul style="list-style-type: none"> <li>All participants have attended the safety briefing</li> </ul>   |  |  |  |               |  |
| Use of lead pellets      | Participants           | Low                  |   | <ul style="list-style-type: none"> <li>Safety briefing to include safe handling of lead pellets.</li> </ul>  |  |  |  |               |  |
|                          |                        |                      |   | <ul style="list-style-type: none"> <li>Explain need to wash hands before after session.</li> <li>Explain legal requirement not to remove pellets from the range.</li> <li>At end of session, remind participants to wash hands.</li> </ul>   |  |  |  |               |  |
| Impact from pellet       | All                    | High                 |   | <ul style="list-style-type: none"> <li>Session is supervised by an instructor holding a suitable NSRA qualification.</li> <li>There is a solid physical barrier preventing access to the range whilst the activity is in progress</li> <li>Signs and a red flag warning that the range is in use when the flag is flying.</li> </ul> |  |  |  |               |  |
|                          |                        |                      |   | <ul style="list-style-type: none"> <li>Give clear and simple instructions on the rules of the range</li> <li>Access to the pellets is controlled by the instructor</li> </ul>  |  |  |  |               |  |
|                          |                        |                      |    | <ul style="list-style-type: none"> <li>The instructor to only issue the required number of pellets for each detail</li> </ul>  |  |  |  |               |  |
|                          |                        |                      |   | <ul style="list-style-type: none"> <li>Check that the participants have understood the rules before continuing</li> </ul>  |  |  |  |               |  |
| Guns being stored loaded | All                    | Medium               |   | <ul style="list-style-type: none"> <li>Make sure all guns are stored unloaded</li> </ul>   |  |  |  |               |  |
|                          |                        |                      |   | <ul style="list-style-type: none"> <li>Breech flags must be inserted when guns are not in use</li> <li>Guns must be suitably enclosed with the breech flag installed when being moved between the range and storage</li> </ul>   |  |  |  |               |  |
| Loading the gun          | All                    | High                 |   | <ul style="list-style-type: none"> <li>The number of participants at the firing point is controlled by the instructor</li> </ul>   |  |  |  |               |  |
|                          |                        |                      |   | <ul style="list-style-type: none"> <li>Give a clear explanation and demonstration of the safe way to load the guns being used</li> <li>Demonstrate the correct location for hand during loading</li> <li>Tell all participants to keep their fingers away from the trigger while loading</li> </ul>                                  |  |  |  |               |  |
|                          |                        |                      |   | <ul style="list-style-type: none"> <li>Supervise whilst the participants are loading to ensure they follow the instructions</li> </ul>   |  |  |  |               |  |



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|-----------------------------|--------------------|----------------------|--|--|--|--|--|--|--|-----|
| Over shoots and side shoots | All                | High                 | <br>   | <ul style="list-style-type: none"> <li>Physical stop behind targets to stop stray pellets</li> <li>Give clear instructions on the direction of shooting</li> </ul> |  |  |  |  |  | Low |



