

## RISK ASSESSMENT

**ACTIVITY:** Changing of targetry in butts

Severity (S)	Risk Matrix		
Fatality; major injury or illness causing long term disability (High)	High (H)	High (H)	Medium (M)
Injury or illness causing short term disability (medium)	High (H)	Medium (M)	Low (L)
Other injury or illness (Low)	Medium (M)	Low (L)	Low (L)
<b>Likelihood (L)</b>	Certain or near certain occur (High)	Reasonably likely to occur (Medium)	Unlikely to occur (Low)

Hazard	Who is at risk?	Existing Control Measures	L	S	RR
Being struck be object	<ul style="list-style-type: none"> <li>Employees/Staff</li> <li>Young Persons</li> <li>Temporary workers</li> </ul>	<ul style="list-style-type: none"> <li>Markers and Supervisors are given induction training on risks arising from working in the butts</li> <li>All movement should be under the mantlet when live shooting to avoid ricochets</li> </ul>	L	M	Low
Being struck by falling object	<ul style="list-style-type: none"> <li>Employees/Staff</li> <li>Young Persons</li> <li>Temporary workers</li> </ul>	<ul style="list-style-type: none"> <li>Century &amp; Short Siberia target frames designed to reduce the risk of a target falling from the frame</li> <li>Stickledown frames are removed by trained staff only</li> <li>When removing targets from frame the metal safety pins are to be locked in place before attempting removal</li> <li>All markers and supervisors receive induction training</li> <li>Wind speeds are monitored by range control</li> <li>Targets are subject to regular frame inspections</li> <li>Once frame is raise and target in position markers to stand back under mantlet</li> </ul>	M	M	Medium

		- Changing Stickledown pin on targetry designed to be a two person task. One to hold the frame steady whilst the other removes bolts.			
Cuts/abrasions/lacerations	<ul style="list-style-type: none"> <li>• Employees/Staff</li> <li>• Young Persons</li> <li>• Temporary workers</li> </ul>	<ul style="list-style-type: none"> <li>- Markers receive induction training on the hazard and risks of the butts</li> <li>- First aid point located in the butts for minor injuries</li> <li>- NRA qualified first aider on hand to assist in site first aid or direct emergency services through NRA radio procedure via range control</li> </ul>	M	L	Low
Slips/Trips	<ul style="list-style-type: none"> <li>• Employees/Staff</li> <li>• Young Persons</li> <li>• Temporary workers</li> </ul>	<ul style="list-style-type: none"> <li>- Markers and Butt Supervisors to ensure good standard of housekeeping</li> <li>- All markers undergo induction training prior to being allowed in the butts</li> <li>- Butts are inspected weekly by range staff and daily during competitions</li> <li>- Changing Stickledown pin on targetry designed to be a two person task. One to hold the frame steady whilst the other removes bolts.</li> <li>- NRA Staff changing Stickledown targetry is a two person task</li> </ul>	M	M	Medium
Unsafe equipment	<ul style="list-style-type: none"> <li>• Employees/Staff</li> <li>• Young Persons</li> <li>• Temporary workers</li> </ul>	<ul style="list-style-type: none"> <li>- Markers receive induction training on how to use the equipment prior to using</li> <li>- Target frames are inspected by range staff and defects added to the range inspection</li> <li>- Frames subject to works technical inspection</li> </ul>	L	M	Low
Lone working	<ul style="list-style-type: none"> <li>• Employees/Staff</li> <li>• Young Persons</li> <li>• Temporary workers</li> </ul>	<ul style="list-style-type: none"> <li>- On Stickledown, targetry should not be adjusted/swapped if lone worker</li> </ul>	L	M	Low
Adverse/extreme weather	<ul style="list-style-type: none"> <li>• Employees/Staff</li> <li>• Young Persons</li> <li>• Temporary workers</li> </ul>	<ul style="list-style-type: none"> <li>- Appropriate clothing to be worn</li> <li>- Encourage markers to remain under the mantlet</li> <li>- Regular breaks away from the heat</li> <li>- Acclimatisation of new employees</li> <li>- Regular breaks out of the cold</li> <li>- Encourage intake of hot/cold fluids dependent on weather</li> <li>- Encouraged to use sun screen in hot weather</li> </ul>	M	M	Medium

Collapse of Mantlet	<ul style="list-style-type: none"> <li>• Employees/Staff</li> <li>• Young Persons</li> <li>• Temporary Workers</li> </ul>	<ul style="list-style-type: none"> <li>- Range Inspection regime monthly/annually/Weekly</li> <li>- Signs of attrition from bullet strike are reported in the range inspections to be repaired</li> <li>- Signs of environmental degradation will be raised in the range inspection for repair</li> <li>- Any signs of structural degradation then access will be restricted to only NRA and third party contractor staff</li> </ul>	L	H	Medium
Crushing	<ul style="list-style-type: none"> <li>• Employees/ Staff</li> <li>• Young Persons</li> <li>• Temporary Workers</li> </ul>	<ul style="list-style-type: none"> <li>- All NRA employed target markers must pass a competency test prior to being employed</li> <li>- All NRA employed target markers are trained in the use of butt facilities</li> <li>- Butt Supervisors/NRA staff monitor the use of Hythe frames</li> <li>- Target frames should be correctly counterbalanced</li> </ul>	L	M	Low

<b>Review Date:</b>	27 Nov 24	<b>Review Date:</b>	
<b>Name:</b>	J Gray-Piazza	<b>Name:</b>	
<b>Rank/Grade:</b>	Range Services Manager	<b>Rank/Grade:</b>	
<b>Signature:</b>		<b>Signature:</b>	