











## RISK ASSESSMENT - TYPE

Risk assessment - Details	
Location(s):	Century, Stickledown, Short Siberia Butts
Department/staff:	
Tasks/activities:	Target Marking
Other information:	

Risk assessment sign off					
Prepared by:	Jodie Gray-Piazza	Signature:		Date:	01/03/2023
Reviewed by:	Rich Denham	Signature:	<i>Rich Denham</i>	Date:	29/09/25
Date for review:					

	RISK MATRIX (likelihood x severity)			
Likelihood				
Common/frequent	3	Medium 3	High 6	High 9
Occasional	2	Low 2	Medium 4	High 6
Rare/improbable	1	Low 1	Low 2	Medium 3
Severity		1	2	3
		Minor injury or illness	Serious injury or illness	Fatality/major injury or illness

Personal protective equipment (PPE) assessment								
In many instances, you will be able to reduce risks further by asking staff/others to wear/use PPE. You should identify which items are required for the task here:								
Type of PPE:								
	Head (BS EN 397)	Foot (BS EN 345-1)	Eye (BS EN 165:2005)	Hand (BS EN 420:2003)	Hearing (EN 352-1)	Hi-Visibility Vest (BS EN 471)	RPE	Fall Arrest (BS EN 361)



Risk assessment											
Activity	Persons at risk	Significant hazards	Initial		Risk control measures			Residual			
			L	S	R R				L	S	R R
	Employees/Staff Young Persons Temporary workers	Adverse/extreme weather	2	1	2	<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 sunscreen in hot weather</li></ul>			1	1	1
	Employees/Staff Young Persons Temporary workers	Being struck by ejected object	2	3	6	<ul style="list-style-type: none"><li>Markers and Supervisors are given safety goggles to avoid ricochet and splashback from bullet strike</li><li>Markers are given induction training on risks arising from working in the butts</li><li>Stop butt is subject to a deleading schedule conducted by a 3<sup>rd</sup> party contractor</li></ul>			1	3	3
	Employees/Staff Young Persons Temporary workers	Being struck by falling object	2	2	4	<ul style="list-style-type: none"><li>Target frame has been redesigned to reduce the risk of a target falling from the frame</li><li>All markers to receive induction training</li><li>Markers to ensure targets are correctly fastened in to target frame</li><li>Wind speeds are monitored by range control Targets are subject to regular frame inspection Once frame has been raised and target in position</li><li>Markers to stand back under the Mantlet</li></ul>			1	2	2
	Employees/Staff Young Persons	Collapse of Mantlet	1	3	3	<ul style="list-style-type: none"><li>Range Inspection regime monthly/annually/Weekly</li><li>Signs of attrition from bullet strike are</li><li>Reported in the range inspections to be repaired</li></ul>			1	3	3



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	Temporary workers					<ul style="list-style-type: none"><li>• Signs of environment 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>			
	Employees/Staff Young Persons Temporary workers	Contact with electricity	1	3	3	<ul style="list-style-type: none"><li>• All installation on electrical services are carried out by NRA qualified electricians or electronic target teams</li><li>• Electrical installations subject to inspection regime</li></ul>	1	3	3
	Employees/Staff Young Persons Temporary workers	Crushing	1	3	3	<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>	1	3	3
	Employees/Staff Young Persons Temporary workers	Cuts/abrasions/lacerations	2	1	2	<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 on hand to assist in on site first aid or direct emergency services through NRA radio procedure via range control</li></ul>	2	1	2
	Employees/Staff Young Persons Temporary workers	Fire	1	3	3	<ul style="list-style-type: none"><li>• No smoking policy in the butts which is to be enforced by the butts supervisor and NRA staff</li><li>• Markers or Butt Supervisors to inform immediately range control via radio of any sign of fire smoke and evacuate through the proven route out of the butts</li></ul>	1	3	3
	Employees/Staff Young Persons Temporary workers	Mental/Physical Fatigue	2	2	4	<ul style="list-style-type: none"><li>• Markers are given an unpaid 60 minute break if they have worked more than six hours in one day</li></ul>	1	2	2



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	Employees/Staff Young Persons Temporary workers	Noise Hearing damage/loss	2	2	4	<ul style="list-style-type: none"><li>Noise reducing ear defence is issued to markers, butt supervisors and NRA staff while working in the butts</li><li>Mandatory safety signage is displayed in the area of the butts denoting hearing protection</li><li>Noise action values and peak sound pressures are to be observed and tested using appropriate equipment</li></ul>	1	2	2
	Employees/Staff Young Persons Temporary workers	Access/Egress	2	2	2	<ul style="list-style-type: none"><li>All access gates are padlocked with keys strictly controlled</li><li>MOD conduct a perimeter check and range clearance run at least 3 times per week to ensure integrity of the perimeter fence</li><li>Perimeter fence topped with razor wire encloses the RDA</li><li>Access to the RDA must be approved by Range Control/Safety Staff</li><li>Range Control liaises with Pirbright RC when MOD ranges are live</li><li>Markers can gain access to century butts via Hobson's way using vehicles or by the markers walkway on foot</li></ul>	1	2	2
	Employees/Staff Young Persons Temporary workers	Slips/trips	2	2	4	<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 be allowed in the butts</li><li>Butts are inspected weekly by range staff and daily during competitions</li><li>Butt supervisors appointed to control activity</li><li>Range area access controlled no unauthorised access outside shooting times unless specifically stated</li><li>No access outside shooting times or low light conditions</li><li>Employ contractor to grade the road in the butts to fill potholes and divets</li></ul>	1	2	2



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	Employees/Staff Young Persons Temporary workers	Unsafe Equipment	2	2	4	<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>• Program of upgrade to targets frames in place</li><li>• Frames subject to works technical inspection</li></ul>	1	2	2
	Employees/Staff Young Persons Temporary workers	Vehicle collision	2	3	6	<ul style="list-style-type: none"><li>• Site wide speed limit of 15mph</li><li>• Access to butts are restricted to appropriate personnel</li><li>• Anyone in control of a vehicle to have valid driver's license</li></ul>	1	3	3
	Employees/Staff Young Persons Temporary workers	Lone Working	3	1	3	<ul style="list-style-type: none"><li>• NRA staff are issued radios with access to the control network</li><li>• Lone working is minimised where possible</li><li>• Range Officers to have radio Comms with markers and Butt supervisors</li></ul>	3	1	3



Review record				
Review Date	Review Type	Changes Made	Person Reviewing	Remarks
27 Sep 25			Jodie Gray-Piazza	