

**3-D ARCHERY**  
**A GUIDE TO COURSE DESIGN**

**ANNEX C - RANGE INSPECTION CHECKLISTS**

**Inspection Checklist One - Design assessment**

<p align="center"><b><u>3-D ARCHERY</u></b>  <b>A GUIDE TO COURSE DESIGN</b></p> <p align="center"><b>ARCHERY SHOOTING LANE ASSESSMENT SHEET</b></p>			
<b>COURSE/CLUB NAME</b>		<b>TARGET NUMBER</b>	
<b>ASSESSOR</b>		<b>DATE OF INSPECTION</b>	
<b>MAXIMUM SAFE RANGE FOR TARGET ON LANE</b>	20 YDS - 30 YDS - 40 YDS - 50 YDS		
<b>SHOOTING STATION (SPACE, FOOTING, ROOM FOR BOW LIMBS, VISIBILITY OF TARGET FOR ARCHERS OF VARIOUS HEIGHTS)</b>			
<b>OBSTACLES TO SHOOTING:</b>			
<b>DENSITY OF OBSTACLES - THIN - MODERATE - THICK</b>			
<b>GENERAL LIE OF LAND FROM SHOOTING STATION TO TARGET</b>			
LEVEL - FALLING - RISING			
<b>GENERAL LIE OF LAND BEYOND TARGET</b>		LEVEL - FALLING - RISING	
<b>ESTIMATED SAFE DISTANCE REQUIRED BEHIND TARGET</b>			
20 - 30 - 40 - 50 - 60			
<b>LIE OF LAND TO RIGHT OF TARGET</b>		LEVEL - FALLING -	

**RISING**

**ESTIMATED SAFE DISTANCE REQUIRED RIGHT OF TARGET**

20 - 30 - 40

**LIE OF LAND TO LEFT OF TARGET**

**LEVEL - FALLING -  
RISING**

**ESTIMATED SAFE DISTANCE REQUIRED LEFT OF TARGET**

20 - 30 - 40

**SUITABLE WAITING AREA FOR ARCHERS**

**YES - NO**

**TRAIL (SAFE APPROACH, PASSABLE, MARKINGS):**

**TRAIL APPROACHING SHOOTING STATION**

**TRAIL LEAVING SHOOTING STATION**

**TRAIL FROM SHOOTING STATION TO TARGET**

**MISCELLANEOUS POINTS**

**TREESTAND (GENERAL SAFETY, GUARDRAILS, LADDER, ROPE TO RAISE BOW)**

**MOVING TARGETS (GENERAL SAFETY OF TARGET AREA, POSSIBLE EFFECTS OF SHOOTING MOVER)**

## **Inspection Checklist Two - The Shooting Lane Inspection**

### General Observations:

1. Is the trail clearly marked to the shooting station?
2. Does the trail need some more tapes?
3. Is the station number sign clearly visible from the trail on approach?
  
4. **Should the trail be moved?**
  
5. Are the shooting ribbons visible from the area of the number board (where people will stop to look)?
6. Are there separate shooting ribbons for Juniors? Traditional?
  
7. **Should there be ribbons for separate classes for this target?**

### At the shooting ribbon (each one):

8. Is there safe footing?
9. Is the target clearly visible?
10. Is it a realistic hunting shot?
11. Is there enough of a lane for archers to shoot safely?
12. Can right and left handed archers shoot safely?
13. Will shorter or taller archers be at a disadvantage because of brush, branches, etc?
14. Is there clearance for the higher arcing arrow trajectory required by traditional bows?
  
15. **Should any of the ribbons be adjusted?**

### At the target:

16. Is the target securely mounted?
17. What is the shape of the land around the target? In what direction is there a greater need for safety of passing trails, etc?
18. Does the ground fall away behind the target? How far will an arrow missing high travel?
19. What is the backstop? Is it too hard (broken arrows)? Too soft (buried arrows)?
  
20. **Should the target be adjusted?**

### The outgoing trail:

21. Where does the trail start again? At the station sign, or at the target?
22. Is the trail marked?
23. Are there bowhangers at the trail start?
24. Is the trail away clearly marked?
25. Should there be more tape marks?
26. Is any part of the trail in danger from the next group of archers?
27. Is a warning at the morning brief necessary?
28. Is a warning sign at the station sign needed?
29. Should brush be cleared so that the next group of archers can be sure the area is clear?

30. **Should the trail be moved?**