

INITIAL INSPECTION CHECKLIST FOR INDOOR RANGES

For use of this form, see DA PAM 385-63; the proponent agency is OCSA.

On ranges built prior to May 1980, firing is limited to M16 and .22 caliber adapter and .22 caliber pistols and revolvers. On ranges built to the May 1980 Kansas City Corps of Engineers drawing and specifications or later OCE design, firing is limited to M16, .38-caliber wadcutter and .45 caliber service ammunition. **FIRING OF MAGNUM CARTRIDGES IN RIFLES OR HANDGUNS IS PROHIBITED.** If the answer to a particular item is Yes, check Safe.

	YES	NO	SAFE	LIMITED	UNSAFE
1. Range was built (<i>Month and Year</i>):					
a. If built after May 1980, and to an approved Corps of Engineer design, place an X in Safe.	<input type="checkbox"/>				
b. If built before May 1980, place an X in Limited.	<input type="checkbox"/>				
2. Range has an operational ventilation system:					
a. Make-up air inlets are provided and all are behind the firing line. If not provided, check No and Unsafe.	<input type="checkbox"/>				
b. Air velocity at the firing line is 50-75 fpm for ventilation systems exhausting 100% at the bullet trap. If No, check Limited.	<input type="checkbox"/>				
c. Downrange volume of air being moved is 35 cfm or greater with no observable turbulence. If No, check Limited.	<input type="checkbox"/>				
d. Exhaust air exceeds make-up air; range is maintained at a negative pressure. If No, check Limited. If exhaust is not working, check Unsafe.	<input type="checkbox"/>				
e. Make-up air and exhaust systems are electrically interlocked. If No, check Limited.	<input type="checkbox"/>				
f. If Limited has been checked any one or more of 2b, c, d, or e; has lead sampling been accomplished? If No, sample ASAP using the guidance contained in Section 3 according to the frequency specified in 29 CFR 1910.1025(d).	<input type="checkbox"/>				
3. Range has a working target retrieval system. If No, check Limited.	<input type="checkbox"/>				
4. Bullet stop is made of steel. If any material other than steel, check Unsafe.	<input type="checkbox"/>				
5. Steel bullet stop is in good condition, not bowed or pitted.	<input type="checkbox"/>				
NOTE: If it appears punctures (holes) in the backstop are caused by authorized weapons/ammunition, thickness of steel should be checked against bullet stop specifications. If it appears holes are caused by overshooting the range by use of large and higher velocity cartridges than those authorized, this indicates lack of range discipline. If the possibility exists of shooting through the bullet stop and building walls, floor or ceiling, firing will be prohibited immediately until the limiting condition can be corrected.					
6. Range has a venetian-blind type bullet stop, and forward edges of steel plates are maintained knife-sharp to prevent ricochets. If No, check Limited.	<input type="checkbox"/>				
7. Windows and/or door openings in front of the firing line are locked, barred, or protected. If No, check Limited or Unsafe as appropriate.	<input type="checkbox"/>				

8. List any other building envelope structural deficiencies that limit the use of the range or make it unsafe for use.

9. CLASSIFICATION. Based upon the above findings, this range is classified as:

UNSAFE - Any X in this category.

LIMITED - Any X in this category limits use to conditions that must be specified.

SAFE - ONLY X's in this category. Range is considered safe for all authorized firing.

10. COMMENTS