

SOP Appendix 4

Range Officers and Range Use

Gun Ranges

2/14/2024

- Range Officers
 - a. Range Safety Officer (RSO)
 - I. The RSO is responsible for overall operational supervision and oversees the Instructors.
 - II. Has overall responsibility for safe setup, and operation of the range.
 - III. Responsible for inspecting range and monitoring range operation
 - IV. Must be an adult (21 years of age or older)
 - V. Must be a currently Certified National Rifle Association (NRA) Range Safety Officer or a currently Certified NRA Chief Range Safety Officer.
 - VI. Has experience in this role.
 - VII. Understands and agrees to operate the range using the procedures outlined in this document.
 - VIII. Has the authority to close the range in case of safety concern or violations
 - IX. Has responsibility for equipment inventory and standard safety-check and maintenance of shooting equipment.
 - b. Instructor (Instructor)
 - I. The Instructor is responsible for supervising the shooting participants.
 - II. Has responsibility for safe operation of the range.
 - III. Responsible for inspecting range and monitoring range operation
 - IV. Must be an adult (21 years of age or older)
 - V. Must be a currently Certified NRA Instructor for the discipline in use on the specific range.
 - VI. Has experience in this role.
 - VII. Understands and agrees to operate the range using the procedures outlined in this document.
 - VIII. Has the authority to close the range in case of safety concern or violations
 - IX. Has responsibility for equipment inventory, standard safety-checks, and maintenance of shooting equipment.
 - c. Training Counselor (Training Counselor)
 - I. The Training Counselor is responsible for instruction of NRA Instructor candidates.
 - II. Has responsibility for safe operation of the range.
 - III. Responsible for inspecting range and monitoring range operation
 - IV. Must be an adult (21 years of age or older)
 - V. Must hold a current rating as an NRA Training Counselor.
 - VI. Must be a currently Certified NRA Instructor for the discipline in use on the specific range.
 - VII. Has experience in this role.
 - VIII. Understands and agrees to operate the range using the procedures outlined in this document.
 - IX. Has the authority to close the range in case of safety concern or violations
 - X. Has responsibility for equipment inventory, standard safety-checks, and maintenance of shooting equipment.

- d. BB Gun Rangemaster (BB Gun Rangemaster). Follows all current supervision standards.
 - I. The BB Gun Rangemaster is responsible for supervising the shooting participants
 - II. Has responsibility for safe operation of the range.
 - III. Responsible for inspecting range and monitoring range operation
 - IV. Must be an adult (18 years of age or older)
 - V. Must be a currently Certified BB Gun Rangemaster or a currently Certified NRA Rifle Instructor or a currently certified Shooting Sports Director.
 - VI. Has experience in this role.
 - VII. Understands and agrees to operate the range using the procedures outlined in this document.
 - VIII. Has the authority to close the range in case of safety concern or violations
 - IX. Has responsibility for equipment inventory, standard safety–checks, and maintenance of shooting equipment.
- e. Assistant Range Personnel (Assistant)
 - I. Has responsibility for safe operation of the range under the supervision/guidance of an RSO and an Instructor/Rangemaster (discipline specific).
 - II. Responsible for inspecting range periodically and monitoring range operation.
 - III. Can be a youth (16 years of age or older)
 - IV. Understands and agrees to operate the range using the procedures outlined in this document.
 - V. Has authority to close the range in case of safety concerns or violations.
 - VI. Has responsibility for equipment inventory and standard safety–check and maintenance of shooting equipment.
- Supervision Ratios
 - a. NCAP Standards (Long-term camp, Short-term camp, Day camp – Council-organized)
 - I. Per the Shooting Sports manual standards, Range Supervision shall consist of:
 - 1. Rifle – one (1) Rifle Instructor and one (1) NRA RSO, or one (1) Shooting Sports Director.
 - 2. Muzzleloading Rifle – one (1) CO–OP Muzzleloading Rifle Instructor or one (1) Muzzleloading Instructor and one (1) NRA RSO, or one (1) Shooting Sports Director.
 - 3. Shotgun – one (1) Shotgun Instructor and one (1) NRA RSO, or one (1) Shooting Sports Director.
 - 4. Muzzleloading Shotgun – one (1) Muzzleloading Instructor and one (1) NRA RSO, or one (1) Shooting Sports Director.
 - 5. Pistol – one (1) Pistol Instructor and one (1) NRA RSO, or one (1) Shooting Sports Director.
 - 6. Pellet Gun – one (1) Rifle Instructor and one (1) NRA RSO, or one (1) Shooting Sports Director.
 - II. Supervisor to Shooter Ratios
 - 1. Rifle – one (1) Rifle Instructor for up to 8 shooters
 - 2. Muzzleloading Rifle – one (1) CO–OP Muzzleloading Rifle Instructor or one (1) Muzzleloading Instructor for up to 1 shooter
 - 3. Shotgun – one (1) Shotgun Instructor for up to 1 shooter
 - 4. Muzzleloading Shotgun – one (1) Muzzleloading Instructor for up to 1 shooter
 - 5. Pistol – one (1) Pistol Instructor for up to 1 shooter
 - 6. Pellet Gun – one (1) Rifle Instructor for up to 8 shooters
 - III. Additional shooters above the single supervisor ratio require the addition of supervisors with the same supervision limits.
 - IV. Discipline specific supervisor to shooter ratios is to be maintained.

- V. Non-Certified range personnel may not be counted as supervisors
 - VI. When there are multiple supervisors, one supervisor must serve as the leader of all other supervisors.
- b. Off Season Standards, Unit level (Non-Council-Organized Camp). Only allowed at established Council Ranges. Written approval from the Council Shooting Sports Director and the Scout Executive (or designee) required before the activity
- I. Range Supervision shall consist of:
 - 1. Rifle – one (1) RSO and one (1) Rifle Instructor
 - 2. Muzzleloading Rifle – one (1) RSO and either
 - a. one (1) Muzzleloading Instructor or
 - b. one (1) CO-OP Muzzleloading Rifle Instructor
 - 3. Shotgun – one (1) RSO and one (1) Shotgun Instructor
 - 4. Muzzleloading Shotgun – one (1) RSO and one (1) Muzzleloading Instructor
 - 5. Pistol – one (1) RSO and one (1) Pistol Instructor
 - II. Current certified Shooting Sports Director may fill Instructor or RSO requirement if certified in that discipline, but not both.
 - III. Supervisor to Shooter Ratios
 - 1. Rifle – one (1) Instructor for up to 8 shooters
 - 2. Muzzleloading Rifle –one (1) Instructor for up to 1 shooter
 - 3. Shotgun –one (1) Instructor for up to 1 shooter
 - 4. Muzzleloading Shotgun –one (1) Instructor for up to 1 shooter
 - 5. Pistol –one (1) Instructor for up to 1 shooter
 - 6. Pellet Gun – one (1) Rifle Instructor for each additional 8 shooters
 - IV. Additional shooters above the single supervisor ratio require the addition of supervisors with the same supervision limits.
 - 1. Rifle – add one (1) Instructor for each additional 8 shooters
 - 2. Muzzleloading Rifle –add one (1) Instructor for each additional 1 shooter
 - 3. Shotgun –add one (1) Instructor for each additional 1 shooter
 - 4. Muzzleloading Shotgun –add one (1) Instructor for each additional 1 shooter
 - 5. Pistol –add one (1) Instructor for each additional 1 shooter
 - 6. Pellet Gun – add one (1) Rifle Instructor for each additional 8 shooters
 - V. Discipline specific supervisor to shooter ratios are to be maintained.
 - VI. Oregon Trail Council reserves the right to accept credentialing as fitness for range operations.
 - VII. Non-Certified range personnel may not be counted for supervision ratios.
 - VIII. Certifications must be current and with each supervisor.
 - IX. When there are multiple supervisors, one supervisor must serve as the leader of all other supervisors.
- c. Rangemaster Standards
- I. Range Supervision shall consist of:
 - 1. BB Gun – one (1) BB Gun Rangemaster
 - II. Supervisor to Shooter Ratios
 - 1. BB Gun – one (1) BB Gun Rangemaster for up to 8 shooters
 - III. Additional shooters above the single supervisor ratio require the addition of supervisors with the same maximum supervision ratio.
 - 1. BB Gun – add one (1) BB Gun Rangemaster for each additional 8 shooters
- d. Shooting Sports Training Standards
- I. Range Supervision shall consist of:
 - 1. For ALL NRA Firearms Disciplines
 - a. Instructor courses – one (1) Training Counselor
 - b. Basic courses – one (1) RSO and (1) Instructor

2. Shooting Sports Committee
3. BB Gun – one (1) BB Gun Rangemaster Trainer approved by the Council Shooting Sports Committee or Shooting Sports Director
4. Pellet Gun – one (1) Rifle Instructor approved by the Council Shooting Sports Committee or Shooting Sports Director

II. Supervisor to Shooter Ratios

1. For ALL NRA Firearms Disciplines
 - a. Instructor courses – one (1) Training Counselor for up to 16 shooters
 - b. Basic courses – one (1) RSO and one (1) Instructor for up to 16 shooters
2. BB Gun – one (1) BB Gun Rangemaster Trainer for up to 24 shooters
3. Pellet Gun – one (1) Rifle Instructor for up to 24 shooters

• Equipment and Supplies

a. General Rules Applied to ALL Possible Guns

- I. ALL guns must be of sound operational condition.
- II. If guns are required to have trigger pull testing – as noted in Range Use – test results must be logged in the range test log book. 3-pound minimum pull required.
 1. If council property, a log entry must include:
 - a. Date of test
 - b. Last unique digits of serial number
 - c. Notation of pass or fail
 2. If personal property, a log entry must include
 - a. Date of test
 - b. Notation of “personal gun”
 - c. Notation of pass or fail.
 3. Guns that fail the trigger pull test may not be used until they are able to pass that test

b. Possible Guns

The following list is a reference list. Each Range Use (for example Scouts BSA Resident Camp, or Off Season Venturing, or etc.) will indicate under Authorized Shooting Equipment – subsection Permitted Guns, which of these Possible Guns (for example Rifle 22LR Single, or Shotgun, or etc.) is permitted for that Range Use.

- I. Rifle 22LR
 1. Only .22 caliber bolt action rifles are permitted
 2. Single cartridge or box fed magazines acceptable.
 3. No tubular magazines.
- II. Rifle 22LR Semi Automatic
 1. .22 caliber semi-automatic rifles are permitted only for Ventures and Explorers.
 2. Tubular or box fed magazines acceptable.
- III. Shotgun
 1. Shotguns will be 12 or 20 gauge pump, semi or hinge style shotguns.
 2. Procedures must be in place to ensure proper shells are used with the proper shotgun. Typically, 12 or 20 gauge are not used on the same range or stored together.
- IV. Shotgun Semi Automatic
 1. Shotguns will be 12 or 20 gauge semiautomatic shotguns.
 2. Procedures must be in place to ensure proper shells are used with the proper shotgun. Typically, 12 or 20 gauge are not used on the same range or stored together.

- V. Pistol 22LR Revolver
 1. Only .22 caliber pistols are permitted for Venturers and Cowboy Action.
 2. Only revolvers or single shot pistols are permitted.
 - I. Pistol 22LR Semi Automatic
 1. Only .22 caliber pistols are permitted for Venturers.
 2. Semi-automatic pistols are permitted.
 - II. Muzzleloading Rifle 50
 1. Only .50 (or smaller) caliber Muzzleloading Rifles are permitted for Scouts BSA.
 2. Each rifle must have an “unbreakable” ramrod for loading.
 - III. Muzzleloading Shotgun
 1. Only 10 or 12 gauge Muzzleloading Shotguns are permitted for Scouts BSA.
 - IV. Muzzleloading Pistol
 1. Single Shot and Revolvers are permitted for Venturers.
 - V. BB Gun
 1. BB Guns do not need to have the magazine fully empty for storage.
 2. Velocity and energy to meet BSA specifications.
 - VI. Pellet Gun
 1. Velocity and energy to meet BSA specifications.
- b. Ownership of Guns
- I. For all Range Uses, Oregon Trail Council requires that **ALL** Guns be owned by the Oregon Trail Council unless prior permission is granted to staff.
 - II. Permission to use personal equipment may be granted to staff. Prior to use of personal guns other than Oregon Trail Council supplied guns, a written request must be made to the Oregon Trail Council Shooting Sports Director for use of a range with a list of all calibers and types of guns.
 1. Written approval by the Oregon Trail Council must be granted before the event may be held.
 2. Approval may add requirements or change Shooter Ratios at the discretion of the Oregon Trail Council.
 3. All personal Guns must meet the basic conditions listed above in Possible Guns for the same type of gun.
 4. All personal Guns are subject to inspection by range officers to verify that basic conditions listed above in Possible Guns are met.
 5. Permission to use personal equipment may be revoked.
 6. Personal equipment will be subject to the same safe and locked storage requirements however, personal equipment may not be stored with Oregon Trail Council equipment.
 7. Oregon Trail Council assumes no liability for permitting use of any personal equipment.
- Range Use
 - a. Scouts BSA Long-term camp, Short-term camp, Day camp
 - I. Persons Authorized to Shoot
 1. Scouts BSA, Ventures, Explorers, Sea Scouts and adults may shoot.
 2. Cub Scouts or younger age youth are **not** permitted to shoot firearms.
 - II. Qualified Supervision
 1. Follows NCAP and Shooting Sports Standards for Supervision Ratios.
 2. All guns require 3-pound trigger pull test.
 3. Permitted Guns
 - a. Uses Rifle 22LR
 - b. Uses Muzzleloading Rifle

- c. Uses Shotgun
 - d. Uses Muzzleloading Shotgun
 - e. Uses BB Gun
 - f. Uses Pellet Gun
- III. Ammunition
- 1. Under no circumstances will non-Oregon Trail Council ammunition be used in Oregon Trail Council equipment. If staff have been given permission to use personal equipment, they may need to supply their own ammunition (such as demonstrating programs that might not be offered at that camp).
 - 2. Calibers and ammunition must meet requirements of SOP Appendix 6 – Acceptable Calibers and Ammunition.
- IV. Mixed Use of Range
- 1. Mixed Use of the Range is defined as having more than one discipline in use on the range at the same time (for example – Muzzleloaders and Rifles, etc.).
 - 2. Mixed use of range is ***not*** permitted.
- b. Off-Season Scouts BSA Non-Council-organized camp
- I. Persons Authorized to Shoot
 - 1. Scouts BSA, Venturers, Explorers, Sea Scouts and adults may shoot.
 - 2. Cub Scouts or younger age youth are ***not*** permitted to shoot.
 - II. Qualified Supervision
 - 1. Follows Off Season Standards for Supervision Ratios.
 - III. Authorized Shooting Equipment
 - 1. All guns used should be the property of the Oregon Trail Council, however staff personal equipment may be used if conditions described in Ownership of Guns are met.
 - 2. All guns require 3-pound trigger pull test.
 - 3. Permitted Guns
 - a. Uses Rifle 22LR
 - b. Uses Muzzleloading Rifle
 - c. Uses Shotgun
 - d. Uses Muzzleloading Shotgun
 - e. Uses BB Gun
 - f. Uses Pellet Gun
 - IV. Ammunition
 - 1. Under no circumstances will non Oregon Trail Council ammunition be used in Oregon Trail Council equipment unless otherwise approved. If permission to use personal equipment has been granted, the owner of the personal equipment must supply their own approved ammunition.
 - 2. Calibers and ammunition must meet requirements of SOP Appendix 6 – Acceptable Calibers and Ammunition.
 - V. Mixed Use of Range
 - 1. Mixed Use of the Range is defined as having more than one discipline in use on the range at the same time (for example – Muzzleloading Rifle and Rifles, etc.).
 - 2. Mixed use is ***not*** permitted
- c. Off Season Venturing – Long-term camp, Short-term camp, Day camp, Unit activity
- I. Persons Authorized to Shoot
 - 1. Venturers, Explorers and adults may shoot.
 - 2. Scouts BSA, Cub Scouts or younger age youth are ***not*** permitted to shoot.
 - II. Qualified Supervision
 - 1. Follows Off Season Standards for Supervision Ratios.

III. Authorized Shooting Equipment

IV. All guns used should be the property of the Oregon Trail Council, however personal equipment may be used if conditions described in Ownership of Guns are met.

1. All guns require 3-pound trigger pull test.
2. Permitted Guns
 - a. Uses Rifle 22LR
 - b. Uses Rifle 22LR Semi Automatic
 - c. Uses Muzzleloading Rifle
 - d. Uses Shotgun
 - e. Uses Shotgun Semi Automatic
 - f. Uses Muzzleloading Shotgun
 - g. Uses Pistol 22LR Revolver
 - h. Uses Pistol 22LR Semi Automatic
 - i. Uses BB Gun
 - j. Uses Pellet Gun

V. Ammunition

1. Under no circumstances will non-Oregon Trail Council ammunition be used in Oregon Trail Council equipment unless otherwise approved. If permission to use personal equipment has been granted, the owner of the personal equipment must supply their own ammunition.
2. Calibers and ammunition must meet requirements of SOP Appendix 6 – Acceptable Calibers and Ammunition.

VI. Mixed Use of Range

1. Mixed Use of the Range is defined as having more than one discipline in use on the range at the same time (for example – Muzzleloading Rifle and Rifles, etc.).
2. Mixed use is ***not*** permitted.

d. Short-term camp Cub Scout Events held at Scouts BSA Camp

I. Use of a range is permitted for Short-term camp Cub Scout Events provided that the range is used exclusively for the Cub Scout Event and only for the approved Cub Scout Shooting Sports activity.

II. Persons Authorized to Shoot

1. Cub Scouts, Scouts BSA, Venturers, Explorers, and adults may shoot.
2. Younger age youth are ***not*** permitted to shoot.

III. Qualified Supervision

1. Follows Rangemaster Standards for Supervision Ratios.

IV. Authorized Shooting Equipment

1. All guns must be the property of the Oregon Trail Council
2. All guns require 3-pound trigger pull test.
3. Permitted Guns
 - a. Uses BB Gun rifle

V. Ammunition

1. Only Council owned ammunition is permitted
2. Calibers and ammunition must meet requirements of SOP Appendix 6 – Acceptable Calibers and Ammunition.

VI. Mixed Use of Range

1. Mixed Use of the Range is defined as having more than one type of gun in use on the range at the same time (such as BB Guns and Pellet Guns, etc.).
2. Mixed use is ***not*** permitted.

- e. Cub Scout Camp Use – Long-term camp, Short-term camp, and Day camp. Follows current NCAP and Shooting Sports Manual requirements.
 - I. Use of a range is permitted for Council Cub Scout Events provided that the range is used exclusively for the Cub Scout Event and only for the approved Cub Scout Shooting Sports activity.
 - II. Persons Authorized to Shoot
 - 1. Cub Scouts, Webelos Scouts, Scouts BSA, Venturers, Explorers, and adults may shoot.
 - 2. Younger age youth are ***not*** permitted to shoot.
 - III. Qualified Supervision
 - 1. Follows Rangemaster Standards for Supervision Ratios.
 - IV. Authorized Shooting Equipment
 - 1. All guns must be the property of the Oregon Trail Council
 - 2. All guns require 3-pound trigger pull test.
 - 3. Permitted Guns
 - a. Uses BB Gun rifle
 - b. Uses Pellet Gun rifle
 - i. Pellet gun use is restricted to Webelos Scouts in a resident camp setting.
 - V. Ammunition
 - 1. Only council owned ammunition is permitted
 - 2. Calibers and ammunition must meet requirements of SOP Appendix 6 – Acceptable Calibers and Ammunition.
 - VI. Mixed Use of Range
 - 1. Mixed Use of the Range is defined as having more than one type of gun in use on the range at the same time (such as BB Guns and Pellet Guns, etc.).
 - 2. Mixed use is ***not*** permitted

- f. Shooting Sports Training
 - I. Range Operations require advance permission from the Oregon Trail Council
 - II. Persons Authorized to Shoot
 - 1. Persons training and participating in the Shooting Sports Training are permitted to shoot
 - III. Qualified Supervision
 - 1. Follows Shooting Sports Training Standards for Supervision Ratios.
 - IV. Authorized Shooting Equipment
 - 1. All guns used should be the property of the Oregon Trail Council, however personal equipment may be used if conditions described in Ownership of Guns are met.
 - 2. Permitted Guns
 - a. Uses Rifle 22LR
 - b. Uses Rifle 22LR Semi Automatic
 - c. Uses Muzzleloading Rifle
 - d. Uses Shotgun
 - e. Uses Shotgun Semi Automatic
 - f. Uses Muzzleloading Shotgun
 - g. Uses Pistol 22LR Revolver
 - h. Uses Pistol 22LR Semi Automatic
 - i. Uses Pistol centerfire with approval
 - j. Uses BB Gun
 - k. Uses Pellet Gun

- V. Ammunition.
 - 1. Under no circumstances will non–Oregon Trail Council ammunition be used in Oregon Trail Council equipment unless otherwise approved. If permission to use personal equipment has been granted, the owner of the personal equipment may have to supply their own ammunition.
 - 2. Calibers and ammunition must meet requirements of SOP Appendix 6 – Acceptable Calibers and Ammunition.
- VI. Mixed Use of Range
 - 1. Mixed Use of the Range is defined as having more than one discipline in use on the range at the same time (for example – Muzzleloading Rifle and Rifles, etc.).
 - 2. Mixed use is permitted as long as all the following conditions are met:
 - a. Discipline specific SOPs are required for each discipline
 - b. Use of the range requires that all shooting stations for all disciplines must be operated safely at the same time.
 - c. Qualified supervision is required for each discipline on the range and all Range Officers across the entire range and all disciplines must coordinate operation of the range in a safe manner.

g. OTHER USE

- I. Prior to use of a range, a written request must be made to the Oregon Trail Council Shooting Sports Director and the Scout Executive (or designee) for use of a range. Only established ranges will be approved for use. Written approval by Oregon Trail Council must be granted before the event may be held. See Appendix P. Approval may add requirements or change Qualified Supervision at the discretion of the Oregon Trail Council. All procedures in Appendix 4, 5 and 6 will be followed. Only Council Certified personnel may run the range. Only Council owned firearms and ammunition will be used unless prior approval has been granted. All BSA and Oregon Trail Council standards for supervision, range use training, firearms, and ammunition will be followed.
- II. Persons Authorized to Shoot
 - 1. Persons participating in the Other Use are permitted to shoot following BSA guidelines.
- III. Qualified Supervision
 - 1. Minimum Range Supervision shall consist of one (1) RSO and (1) Instructor and meet current NCAP and Shooting Sports requirements.
 - 2. Oregon Trail Council reserves the right to accept credentialing as fitness for range operations.
 - 3. Certifications must be current and with each supervisor.
- IV. Authorized Shooting Equipment
 - 1. Council or Staff owned guns are permitted
 - 2. Permitted Guns
 - a. Uses Rifle 22LR
 - b. Uses Muzzleloading Rifle
 - c. Uses BB Gun
 - d. Uses Pellet Gun
- V. Ammunition
 - 1. Under no circumstances will non–Oregon Trail Council ammunition be used in Oregon Trail Council equipment unless prior approval has been granted. If permission to use personal equipment has been granted, the owner of the personal equipment may have to supply their own ammunition.

2. Calibers and ammunition must meet requirements of SOP Appendix 6 – Acceptable Calibers and Ammunition.

VI. Mixed Use of Range

1. Mixed Use of the Range is defined as having more than one discipline in use on the range at the same time (for example – Muzzleloading Rifle and Rifles, etc.).
2. Mixed use is ***NOT*** permitted.

h. Storage and Transportation

Shooting Equipment – Guns, Other equipment

I. Council Owned

1. Access to the equipment will be restricted to range personnel.
2. Guns will be stored on-site (the range) in a locked safe dedicated for this purpose when not in use.
3. Transporting of equipment will be done in a safe manner, following state laws, locked.
4. Inventory of the equipment is the responsibility of the range personnel.
5. Equipment stored at the range and on camp property will be controlled according to Oregon Trail Council and BSA policy.
6. Guns and ammunition will not be stored in the same locked container. Storage in separate locked containers within a room or other area does not violate this provision. The only exception to this provision is that BB Guns and BBs may be stored in the same locked container.
7. Pellet Gun Canisters
 - a. Canisters are to be stored in a clean and dry area.
 - b. Filling of canisters is to be performed only by a competent adult familiar with the process.
 - c. Heavy gloves and eye protection are required to be worn at all times during the filling operation.

II. Staff Owned

1. The individual owner is responsible for safe and secure storage of all of their owned equipment.
2. Access to storage of the equipment is the responsibility of the individual owner.
3. Transporting of equipment will be done in a safe manner, following State laws, locked.
4. Inventory of the equipment is the responsibility of the individual owner.
5. Oregon Trail Council is not responsible for the storage or use of the individual equipment.
6. Guns and ammunition must be stored only in Council lockers at the range. No storage in vehicles, sleeping area, or other areas permitted. Guns and ammunition will not be stored in the same locked container. Storage in separate locked containers within a room or other area does not violate this provision. The only exception to this provision is that BB Guns and BBs may be stored in the same locked container.

• Ammunition

I. Cartridge

1. Council Owned

- a. Access to ammunition will be restricted to range personnel and camp management following accounting protocol.

- b. Transporting of ammunition will be done in a safe manner, following State laws, locked.
 - c. Inventory of the ammunition is the responsibility of the range personnel.
 - d. Ammunition that is stored at the range and on camp property will be controlled according to BSA policy and in compliance with State and Federal regulations.
 - e. Firearms and ammunition will not be stored in the same locked container. Storage in separate locked containers within a room does not violate this provision.
2. Staff Owned
- a. The individual owner is responsible for safe, lawful and secure storage of all of their owned ammunition.
 - b. Access to storage of the ammunition is the responsibility of the individual owner.
 - c. Transporting of ammunition will be done in a safe manner.
 - d. Inventory of the ammunition is the responsibility of the individual owner.
 - e. Oregon Trail Council is not responsible for the storage or use of the individual ammunition.
 - f. Equipment and ammunition will not be stored in the same locked container. Storage in separate locked containers within a room or other area does not violate this provision.

II. Muzzleloading

- 1. General Provisions – Muzzleloading Ammunition consists of Powder, Projectiles, Patches, Cards, Wads, Caps, etc.
 - a. Powder
 - i. Black Powder and approved substitutes are required under the provisions of the Shooting Sports Manual.
 - ii. Smokeless powder is not allowed.
 - iii. Steps are to be taken to verify correct powder is used.
 - iv. Long Barrel Rifles and Smoothbore guns
 - i. Use 3F grain size or its equivalent in 50 caliber rifles.
 - ii. Maximum load is one grain of powder per caliber for Scouts BSA (example: 50 caliber rifles are allowed to be loaded with a maximum of 50 grains of 2F or 3F, 45 caliber rifles are allowed to be loaded with a maximum of 45 grains of 3F)
 - v. Shotguns
 - i. Use 2F for all loads
 - ii. Typical load is an equal measure of powder with an equal measure of shot.
 - vi. Single Shot Pistols
 - i. Use 2F or 3F as recommended by the manufacturer
 - ii. Use the powder load recommended by the manufacturer – NOTE: powder loads are generally about half the size of long gun loads.

- vii. Revolvers
 - i. Use 2F or 3F as recommended by the manufacturer.
 - ii. Use the powder load recommended by the manufacturer –
NOTE: powder loads are generally less than half the size of long gun loads.
 - b. Projectiles
 - i. Both conical and round ball are allowed for rifled and smoothbore guns.
 - ii. Round ball is recommended for single projectile loads.
 - iii. Shotguns should be loaded with shot with a size of anything from number 6 to number 8.
 - iv. Lead is the preferred material of all projectiles.
 - c. Patch Material
 - i. For round ball, patches must be 100% natural fabric typically cotton or linen.
 - ii. Pre-lubed patches are preferred
 - iii. “Spit” or water-lubed patches are allowed.
 - d. Wads and Cards
 - i. Natural “compostable” are recommended and preferred
 - ii. All wads and cards should be properly sized for the gauge of the shotgun
 - e. Caps
 - i. Caps must be sized properly for the nipple of the gun.
 - ii. Caps of different sizes must be kept separate and marked as to the size.
 - iii. Storage of caps should be kept in a closed and dry container.
- 2. Council Owned
 - a. Access to ammunition will be restricted to range personnel and camp management.
 - b. Primary storage of ammunition will be in a locked cabinet dedicated for this purpose and will be locked when not accessed. Cabinet will meet all BSA guidelines.
 - c. Transporting of ammunition will be done in a safe manner.
 - d. Inventory of the ammunition is the responsibility of the range personnel.
 - e. Ammunition that is stored at the range and on camp property will be controlled according to BSA regulations.
 - f. Guns and powder will not be stored in the same locked container. Storage in separate locked containers within a room does not violate this provision.
 - g. Beyond powder, the other components of the load do not need to be stored in a locked container.
- 3. Staff Owned
 - a. The individual owner is responsible for safe and secure storage of all of their owned ammunition.
 - b. Access to storage of the powder and components of the load is the responsibility of the individual owner.
 - c. Transporting of ammunition will be done in a safe manner.
 - d. Inventory of the ammunition is the responsibility of the individual owner.
 - e. Oregon Trail Council is not responsible for the storage or use of the powder or components of the load.

- f. Guns and powder will not be stored in the same locked container. Storage in separate locked containers within a room does not violate this provision.
- g. Beyond powder, the other components of the load do not need to be stored in a locked container.

III. BB or Pellet.

1. Council Owned

- a. Access to ammunition will be restricted to range personnel and camp management.
- b. Primary storage of ammunition will be in a locked cabinet dedicated for this purpose and will be locked when not accessed. Cabinet will meet all BSA guidelines.
- c. Transporting of ammunition will be done in a safe manner.
- d. Inventory of the ammunition is the responsibility of the range personnel.
- e. Ammunition that is stored at the range and on camp property will be controlled according to BSA policy and in compliance with State and Federal Safety regulations.
- f. Guns will not be stored in the same locked container as the ammunition. Storage in separate locked containers within a room does not violate this provision. The only exception to this provision is that BB Guns and BBs may be stored in the same locked container.

2. Staff Owned

- a. The individual owner is responsible for safe and secure storage of all of their owned ammunition.
- b. Access to storage of the ammunition is the responsibility of the individual owner.
- c. Transporting of ammunition will be done in a safe manner, locked.
- d. Inventory of the ammunition is the responsibility of the individual owner.
- e. Oregon Trail Council is not responsible for the storage or use of the individual ammunition.
- f. Equipment and ammunition will not be stored in the same locked container. Storage in separate locked containers within a room or other area does not violate this provision.