

## CHAPTER 32

### REGULATION GOVERNING FIREARM CARTRIDGES AND ARCHERY EQUIPMENT

**Section 1. Authority.** This regulation is promulgated by authority of Wyoming Statutes § 23-1-302, § 23-2-104, § 23-3-110 and § 23-3-111.

**Section 2. Regulation.** The Commission hereby adopts the following regulation governing firearm cartridges and archery equipment for the taking of big or trophy game animals and game birds.

**Section 3. Definition.** In addition to the definitions set forth in Title 23 of the Wyoming Statutes, the Commission also adopts the following definitions for the purpose of this chapter:

(a) “Archery Equipment” means crossbows, longbows, recurve bows, compound bows, arrows and bolts.

(b) “Expanding Point Bullet” means any bullet designed by its manufacturer to create a wound channel larger than the bullet’s diameter.

(c) “Smart Firearm” means any firearm equipped with a computerized targeting system that marks a target, calculates a firing solution and automatically discharges the firearm at a point calculated to most likely hit the marked target.

(d) “Trackable Arrow Technology” means any technology or device that allows for a hunting arrow to be tracked or more readily located while in the field. This includes, but is not necessarily limited to, lighted arrow nocks, GPS devices inserted into an arrow shaft or Bluetooth arrow nocks, which facilitate locating a hunting arrow once it is shot from a bow.

**Section 4. Firearms, muzzle-loaders and cartridges that are legal for the taking of big or trophy game animals.**

(a) For the taking of bighorn sheep, elk, moose, mountain goat or black bear by the use of a firearm, a hunter shall use:

(i) Any center-fire firearm of at least .24 caliber and firing a cartridge of at least two (2) inches in overall length and using an expanding point bullet, or any other cartridge of at least .35 caliber and at least one and one-half inches (1.5) in overall length and using an expanding point bullet; or,

(ii) Any muzzle-loading rifle or any muzzle-loading handgun of at least .40 caliber and firing an expanding point bullet or lead ball and using a charge of at least fifty (50) grains of black powder or its equivalent; or,

(iii) Any shotgun firing “00” or larger buckshot, or a slug.

(b) For the taking of antelope, deer, mountain lion, or gray wolf where designated as a trophy game animal, a hunter shall use:

(i) Any center-fire firearm of at least .22 caliber (excluding .22 Hornet) and having a bullet weight of at least sixty (60) grains and firing a cartridge of at least two (2) inches in overall length and using an expanding point bullet, or any other cartridge of at least .35 caliber and at least one and one-half (1.5) inches in overall length and using an expanding point bullet; or,

(ii) Any muzzle-loading rifle or any muzzle-loading handgun of at least .40 caliber and firing an expanding point bullet or lead ball and using a charge of at least fifty (50) grains of black powder or its equivalent; or,

(iii) Any shotgun firing “00” or larger buckshot, or a slug.

(c) For the taking of a grizzly bear by the use of a firearm, a hunter shall use:

(i) Any center-fire firearm of at least .27 caliber and having a bullet weight of at least one hundred fifty (150) grains and firing a cartridge of at least two (2) inches in overall length and using an expanding point bullet; or,

(ii) Any muzzle-loading rifle or any muzzle-loading handgun of at least .50 caliber and firing an expanding point bullet or lead ball and using a charge of at least one hundred (100) grains of black powder or its equivalent; or,

(iii) Any shotgun firing “00” or larger buckshot, or a slug.

**Section 5. Firearms, cartridges and archery equipment that are legal for the taking of game birds and small game.**

(a) For the taking of game birds, excluding wild turkey, blue grouse and ruffed grouse, a hunter shall use:

(i) Any center-fire or muzzle-loading shotgun not larger than a ten (10) gauge plugged to admit no more than one (1) shell in the chamber and two (2) shells in the magazine; or,

(ii) Any archery equipment.

(b) For the taking of wild turkey, a hunter shall use any shotgun, center-fire firearm, .17 HMR or larger rimfire firearm with an overall cartridge length greater than one (1) inch, any muzzle-loading firearm, or any archery equipment.

(c) Blue grouse, ruffed grouse and small game may be taken in any manner except as prohibited by Wyoming Statute.

**Section 6. Archery equipment that is legal for the taking of big or trophy game animals.**

(a) For the taking of antelope, bighorn sheep, black bear, deer, mountain goat, mountain lion, or gray wolf where designated as a trophy game animal, a hunter shall use a longbow, recurve bow or compound bow of not less than forty (40) pounds draw weight and an arrow equipped with a fixed or expanding point broadhead that when fully expanded cannot pass through a seven-eighths (7/8) inch solid ring.

(b) For the taking of elk, grizzly bear or moose, a hunter shall use a longbow, recurve bow or compound bow of not less than fifty (50) pounds draw weight and an arrow equipped with a fixed or expanding point broadhead that when fully expanded cannot pass through a seven-eighths (7/8) inch solid ring.

(c) For the taking of any big or trophy game animal with a crossbow, a hunter shall use a crossbow having a peak draw weight of at least ninety (90) pounds and a bolt of at least sixteen (16) inches in length equipped with a fixed or expanding point broadhead that when fully expanded cannot pass through a seven-eighths (7/8) inch solid ring.

(d) For the taking of any big or trophy game animal by the use of any archery equipment, a hunter may use trackable arrow technology to assist in following up their shot, retrieving a hunting arrow or locating a legally harvested big or trophy game animal. Any electronic tracking device that is capable of transferring from a hunting arrow to a big or trophy game animal shall not be considered trackable arrow technology and shall not be permitted for hunting big or trophy game animals.

(e) Magnifying sights, holographic sights and range finding sights attached to legal archery equipment are permissible to use while archery hunting any big or trophy game animal.

**Section 7. Smart Firearm.** No person shall use a smart firearm to take any game bird, big game or trophy game animal.

WYOMING GAME AND FISH COMMISSION

David Rael, President

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