



Appendix A1

Firearms Divisions

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Table of Contents

1. Firearms – General.....	2
1.1. Modifications.....	2
1.2. Trigger Pull.....	2
1.3. Features.....	2
1.4. Accessories.....	2
1.5. Ammunition.....	3
2. Handgun Divisions.....	3
2.1. Handguns – General.....	3
2.2. Duty Division.....	4
2.3. Duty Optic Division.....	4
2.4. Sport Division.....	5
2.5. Sport Optic Division.....	5
3. Rifle Divisions.....	6
3.1. Rifles – General.....	6
3.2. Large Rifle Division.....	6
3.3. Pistol Caliber Carbine (PCC) Division.....	7
3.4. Small Rifle Division.....	7

1. Firearms – General

All firearms used in CMA competitions must be completely safe to use.

It is not allowed to change or remove any safety features with the exception of magazine safeties and storage locks.

1.1. Modifications

CMA supports the use of stock, mass production firearms. Modifications that change original functions of the firearm are not allowed.

The following modifications are allowed as long as they do not change the safe operation of the firearm:

- replacing the sights with aftermarket sights of similar type (iron or optic) as the original
- replacing parts with factory parts that are approved by the factory for that firearm model
- adding factory parts that are approved by the factory for that firearm model
- internal and external surface finish such as polishing or coating
- rounding of edges for example of grip, trigger guard, magazine well
- stippling or checkering
- engraving
- use of aftermarket magazines or magazine parts
- removing magazine safeties or storage locks
- adding or replacing magazine funnels
- replacing grip panels
- adding grip tape
- replacing slide release levers
- replacing magazine release buttons

All other, not clearly stated as allowed, modifications are forbidden.

1.2. Trigger Pull

The trigger pull weight is always measured in the middle of the trigger and in axis with the barrel. With two stage triggers, the second stage must be clearly perceptible.

1.3. Features

The following features are not allowed in CMA:

- Lasers
- Silencers

1.4. Accessories

Firearm accessories have to be functional and the firearm with the accessory mounted must fit into the dimensional and weight limits and fulfill all other requirements of the corresponding division.

The following firearms accessories are allowed:

- Weapon mounted lights
- Electronic, red/green dot type sights

All other, not clearly stated as allowed, accessories are forbidden.

1.5. Ammunition

Ammunition used in CMA events must be safe to use. Match Directors can define match ammunition that must be used for the concerned competition.

The ammunition must have a minimum power factor. The power factor is measured as follows:

$$PF = \text{Muzzle velocity (fps)} * \text{bullet weight (gr)} / 1000$$

2. Handgun Divisions

2.1. Handguns – General

2.1.1. Safety

The handgun must have appropriate safety mechanisms to prevent the firearm from firing when dropped and hitting a surface from any angle.

The existence of those safety mechanisms must be published by the manufacturer in a publicly accessible manner or must be easily verifiable on the firearm without specialist knowledge.

The mechanisms must minimally consist of the following three safety types and characteristics:

Firing Pin Safety:

- The firing pin is positively blocked from contact with a round in the chamber unless the trigger is fully pulled and/or
- The firing pin is held back in a safe position by a spring and can only develop enough forward momentum to make contact with a round in the chamber when the trigger is pulled and the firing pin is struck by the hammer

Drop Safety:

- The striker is positively prevented from being released or the hammer from making contact with the firing pin (safety catch position) unless the trigger is fully pulled.

2.1.2. Features

The following features are not allowed for handguns:

- Compensators
- Ported barrels

2.1.3. Caliber and Ammunition

Handguns must comply with the following criteria:

- Caliber 9x19mm or larger
- The ammunition must have a power factor of minimal 125

2.2. Duty Division

The purpose of this division is to provide a platform for modern duty-type pistols to be used in sports shooting.

All firearms must have a minimum annual production quantity of 1'000 units for that model type and family or already have had a minimum production quantity of 10'000 units over its entire production time.

2.2.1. Dimensions

The firearm with the largest empty magazine inserted has to fit in a box with the following inner dimensions:

Length: 210mm

Height: 145mm

Width: 35mm

2.2.2. Weight

The firearm with the heaviest empty magazine inserted may not exceed the weight of 850g.

2.2.3. Trigger System

The trigger system may be striker fire, double/single action (DA/SA) or double action only (DAO).

2.2.4. Trigger Pull Weight

The trigger pull weight must be of a minimum of:

Striker, SA: 1.5kg

DA: 3.0kg

2.2.5. Sights

The firearm must have open, notch and post type, sights.

2.2.6. Barrel Length

The barrel length may be of a maximum of 120mm.

2.3. Duty Optic Division

The purpose of this division is to provide a platform for modern duty-type pistols equipped with an optical sight to be used in sports shooting. The Duty Optic division has the same rules as the Duty division except as stated below.

2.3.1. Dimensions

The firearm with the largest empty magazine inserted has to fit in a box with the following inner dimensions:

Length: 210mm

Height: 145mm with 175mm for half length

Width: 35mm

2.3.2. Weight

The firearm with the heaviest empty magazine inserted may not exceed the weight of

950g.

2.3.3. Sights

The firearm must have an electronic, red/green dot type type, sight from the factory or aftermarket. The sight must be fixed to the slide. Co-witness open sights are allowed.

2.4. Sport Division

The purpose of this division is to allow the use of firearms especially made for sport shooting.

2.4.1. Dimensions

The firearm with the largest empty magazine inserted has to fit in a box with the following inner dimensions:

Length: 225mm

Height: 155mm

Width: 45mm

2.4.2. Weight

The firearm with the heaviest empty magazine inserted may not exceed the weight of 1400g.

2.4.3. Trigger System

The trigger system may be striker fire, double/single action (DA/SA), double action only (DAO) or single action (SA).

2.4.4. Trigger Pull Weight

The trigger pull weight must be of a minimum of:

Striker, SA: 1.36kg

DA: 3.0kg

2.4.5. Sights

The firearm must have open, notch and post type, sights.

2.5. Sport Optic Division

The purpose of this division is to allow the use of firearms especially made for sport shooting and are equipped with an optical sight. The Sport Optic division has the same rules as the Sport division except as stated below.

2.5.1. Dimensions

The firearm with the largest empty magazine inserted has to fit in a box with the following inner dimensions:

Length: 225mm

Height: 155mm with 185mm for half the length of the box.

Width: 45mm

2.5.2. Weight

The firearm with the heaviest empty magazine inserted may not exceed the weight of

1500g.

2.5.3. Sights

The firearm must have an electronic, red/green dot type type, sight from the factory or aftermarket. Co-witness open sights are allowed.

3. Rifle Divisions

3.1. Rifles – General

3.1.1. Safety

The rifle must have a mechanical safety that, when engaged, positively prevents the firearm from firing.

Trigger Pull Weight:

The trigger pull weight for rifles must be of a minimum of:
1.5kg

3.1.2. Features

The following features are mandatory:

- The rifle must be shoulder fired. If the buttstock is foldable, it must be locked in the extended position
- Maximum magazine capacity is 30 rounds

3.1.3. Accessories

The following accessories are allowed:

- Magnifiers
- Scopes
- Bipods with a maximum height of 400mm
- Flash hiders of maximum 80mm length and maximum diameter of 32mm
- Muzzle brakes of maximum 80mm length and maximum diameter of 32mm and maximum 3 chambers
- Grips and foregrips
- Buttstocks and forends
- 2-point slings

All other, not clearly stated as allowed, accessories are forbidden.

3.2. Large Rifle Division

The purpose of this division is to allow modern semi-auto rifles to be used in competition. The standard caliber is 5.56 (.223) but additional calibers are allowed.

3.2.1. Dimensions

The firearm must comply with the following criteria:

- Barrel length: minimal 250mm, maximal 510mm, measured from the breech face to the muzzle end

- Overall length (fully extended): minimal 600mm, maximal 1100mm
- Maximum weight: 5'500g with heaviest empty magazine

3.2.2. Caliber and Ammunition

The following calibers and minimal power factors are allowed:

Caliber	Min PF	Remarks
5.56x45mm	130	.223 Remington is allowed, same criteria
7.62x51mm	320	.308 Winchester is allowed, same criteria
7.62x39mm	240	
5.45x39mm	130	

3.3. Pistol Caliber Carbine (PCC) Division

The purpose of this division is to offer a possibility for 2-gun competitions with more cost efficiency, for ranges that do not allow rifle calibers or in countries, where the ownership of large rifles is restricted by law.

3.3.1. Dimensions

The firearm with must comply with the following criteria:

- Barrel length: minimal 130mm, maximal 360mm, measured from the breech face to the muzzle end
- Overall length (fully extended): minimal 500mm, maximal 950mm
- Maximum weight: 4'500g with heaviest empty magazine

3.3.2. Caliber and Ammunition

Equal to handguns.

3.4. Small Rifle Division

The purpose of this division is to offer a possibility for 2-gun competitions with excellent cost efficiency, for ranges that do not allow rifle calibers or in countries, where the ownership of large rifles is restricted by law.

3.4.1. Dimensions

The firearm must comply with the following criteria:

- Barrel length: minimal 250mm, maximal 510mm, measured from the breech face to the muzzle end
- Overall length: minimal 600mm, maximal 1100mm
- Maximum weight: 4'500g with heaviest empty magazine

3.4.2. Caliber and Ammunition

The firearm must comply with the following criteria:

- Caliber .22 lr
- Only factory ammunition is allowed, no minimal power factor is defined