

CLASS 4.—CHLORATE-MIXTURE.

The term "chlorate-mixture" means any explosive containing a chlorate.

Every explosive in this class and every explosive ingredient thereof shall be so thoroughly purified and be otherwise of such a character as to satisfy the "Abel heat test," as hereinbefore defined.

Every blasting-explosive in this class in which nitrate of ammonium or nitrate of sodium are used as ingredients shall be contained in cartridge wrappers or cases made thoroughly waterproof with melted paraffin or other suitable waterproofing material.

The chlorate-mixture class has two divisions:—

Division 1.

Division 1 comprises any chlorate preparation which consist partly of nitro-glycerine or of some other liquid nitro-compound.

Rackarock (manufacture only).

Eruptite (manufacture only).

Provided that every explosive in this division shall be of such character and consistency as not to be liable to liquefaction or exudation.

Division 2.

Division 2 comprises any chlorate-mixture as before defined which is not comprised in the 1st Division.

Cheddite.

CLASS 5.—FULMINATE.

The term "fulminate" means any chemical compound or mechanical mixture, whether included in the foregoing classes or not, which, from its great susceptibility to detonation, is suitable for employment in percussion caps or any other appliances for developing detonation, or which, from its extreme sensibility to explosion, and from its great instability (that is to say, readiness to undergo decomposition from very slight exciting causes) is especially dangerous.

This class consists of two divisions:—

Division 1.

Division 1 comprises such compounds as the fulminates of silver and of mercury, and preparations of these substances, such as are used in percussion caps; and any preparation consisting of a mixture of a chlorate with phosphorus, or certain descriptions of phosphorus compounds, with or without the addition of carbonaceous matter, and any preparation consisting of a mixture of a chlorate with sulphur, or with a sulphuret, with or without carbonaceous matter.

Fulminate of mercury.

Division 2.

Division 2 comprises such substances as the chloride and the iodide of nitrogen, fulminating gold and silver, diazobenzol, and the nitrate of diazobenzol.

Nil.

CLASS 6.—AMMUNITION.

The term "ammunition" means an explosive of any of the foregoing classes when enclosed in any case or contrivance, or otherwise adapted or prepared so as to form a cartridge or charge for small-arms, cannon, or any other weapon, or for blasting, or to form any safety or other fuse for blasting or for shells, or to form any tube for firing explosives, or to form a percussion cap, a detonator, a fog-signal, a shell, a torpedo, a war-rocket, or other contrivance than a firework.

The term "percussion cap" does not include a detonator.

The term "detonator" means a capsule or case which is of such strength and construction, and contains an explosive of the fulminate explosive class in such quantity, that the explosion of one capsule or case will communicate the explosion to other like capsule or cases.

The term "safety fuse" means a fuse for blasting which burns and does not explode, and which does not contain its own means of ignition, and which is of such strength and construction and contains an explosive in such quantity that the burning of such fuse will not communicate laterally with other like fuses.

The ammunition class has three divisions:—

Division 1.

Percussion caps.

Railway fog-signals.

Safety cartridges.

Safety electric fuses.

Safety fuse.

Tube safety fuse.

Safety firing-tubes, No. 1.

Division 2.

Division 2 comprises any ammunition as before defined which does not contain its own means of ignition and is not included in Division 1.

Cartridges for small-arms (which are not safety cartridges).

Cordeau Bickford.

Electric fuses (low tension).

Electric fuses (high tension).

Instantaneous fuse.

Division 3.

Division 3 comprises any ammunition as before defined which contains its own means of ignition and is not included in Division 1.

Cartridges for small-arms (which are not safety cartridges).

Colliery safety lighters.

Detonators.

Electric detonators.