

barrels, or constructed of plain or twisted iron, not being revolvers.

3. *Third Class.*—Comprising every description of single barrelled Birding, "Danish," "Dutch," "Carolina," and "Spanish" arms, not being breech loaders or revolvers.

4. *Fourth Class.*—Comprising every description of double barrelled fowling-pieces for firing small shot, and breech-loading small arms of every description and system, not being rifles or revolver, or Choke-bored.

5. *Fifth Class.*—Comprising revolving small arms of every description and system.

6. *Sixth Class.*—Comprising all small arms, except those comprised in the Eighth Class, having one or more barrels Choke-bored, i.e., barrels whereof the diameter of the bore at the muzzle is less than the diameter of the bore at some point behind the muzzle other than the chamber or recess which contains the charge.

7. *Seventh Class.*—Comprising express rifles, i.e., rifles intended to be fired with a larger charge of powder than ordinary rifles, and which must be so declared in writing when sent for definitive proof.

8. *Eighth Class.*—Comprising Choke-bored barrels having all or a portion of the smaller diameter of their bore rifled.

#### RULE OF PROOF.

9. *The Gunpowder* used shall be of strength equal to Waltham Abbey "R.F.G.2," but of a Mixed Grain to pass through Sieves of No. 27 Wire Gauge, varying between 17 and 36 meshes to a lineal inch, and no change shall be made therein without the consent of Her Majesty's Secretary of State for War.

10. Barrels for arms of any class shall, at the request in writing of any person or persons sending the same for Definitive Proof, be proved with "Schultze's," or "E.C." Powder, or any particular description of Gunpowder which may be specified by the sender, after and in addition to the ordinary proof. The service charge of such powders shall be determined by the two Proof Companies respectively, from time to time, and the quantity of the said powders to be used in proof shall be such as the two Companies shall decide to give a strain exceeding that of the service charge, equivalent to the excess of strain exerted by the quantities of proof powder in the scales to these rules over the service charge of the same. The service charge of such powders shall be marked on the barrels. If any new powders shall come into use the same regulations as the above shall apply thereto. The several powders used in proof shall at all times be open to the inspection of any officer authorized for the purpose by the Secretary for War, who may take samples of the same for examination or trial without notice.

11. *The Bullets* used shall be of lead, of the specific gravity 11.352, and of the size and weight prescribed by the respective Scales for Proof. The bullets, except those used for rifled arms, shall be spherical, cylindrical, or conical in shape, and for rifled arms they shall be cylindrical and flat-ended. For arms of the Eighth Class they shall be conical, and of a diameter not more than .005 of an inch less than the muzzle diameter of the barrel.

12. For the Definitive Proof of all shot barrels, except for arms of the Eighth Class, shot shall be used instead of bullets.

13. *The Shot* used shall be of lead, and of the size and description known in the Gun Trade as "Soft Shot," Size No. 6.

14. *The Wads* to be used shall be of solid felt, and shall not exceed in thickness one diameter of the bore, one wad to be placed over the powder and another over the bullet.

15. The charges of powder and lead for Provisional Proof of all arms shall be according to such scale to these rules as may be applicable thereto respectively. The charges for Definitive Proof, except for arms comprised in Rule 16, shall be according to No. 3 Scale to these Rules.

16. Barrels for rifled arms of the Second Class, and for arms of the Fourth, Sixth, and Seventh Classes, shall be Definitively Proved with double the quantity of powder and one and one-third the weight of lead of the service charges set forth in the respective scales to these rules. Barrels for arms of the Eighth Class shall be Definitively Proved with double the quantity of powder and one and one-half the weight of lead of such service charges.

17. For all military arms manufactured for the British Government, the Scales of Proof shall be the same as used by Her Majesty's War Department from time to time.

18. Barrels for breech-loading arms of the Fourth Class, and for arms of the Sixth, Seventh, and Eighth Classes, shall be Proved Provisionally and Definitively. Barrels for arms of the Second Class, and muzzle-loading arms of the Fourth Class, shall be Proved Provisionally and Definitively, or on the request in writing of the person or persons sending the barrels for proof shall be proved once only, in which case such barrels shall be sent in the state for Definitive Proof, but shall be proved according to the scale for Provisional Proof, and shall be marked with a special mark denoting that such barrels have been proved in the Definitive State according to the scale for Provisional Proof. Barrels for arms of the First and Third Classes shall be proved once Definitively; but the scale used for proving such barrels for arms of the Third Class as have the diameter of the bore in every part one inch and a quarter or upwards shall be the Provisional Scale.

19. Nevertheless, it shall be sufficient from time to time to prove all breech-loading military barrels in the same manner as breech-loading military barrels made for the use of Her Majesty's Forces, and with the same weight of gunpowder as is now used, or from time to time shall hereafter be used, in the proof of similar barrels at the Government Factories.

20. As to any military barrel made for the use of Her Majesty's Forces, or for the late Honourable East India Company, which has ceased to belong to Her Majesty, but which bears, in addition to a Proof Mark authorized by Her Majesty's War Department, the letter "O" struck (prior to such cesser) over or upon the broad arrow or some part thereof by the said War Department, it shall, if it be a rifled barrel, be proved with Definitive Proof, or if it be a smooth-bore barrel with half the charge of powder, but with the same weight of bullet which will be applicable to the proof thereof if such barrel were an unproved barrel under this Act, and after either such proof, such barrel shall be marked as Proved Definitively; and as to any military barrel made for the use of Her Majesty's forces, or for the late Honourable East India Company, which has ceased to belong to Her Majesty, and which does not bear in addition to a proof mark authorized by Her Majesty's War Department the letter "O," or the letter "S" struck (prior to such cesser) over or upon the broad arrow or some part thereof by that Department, it shall (whether it shall or