pool, and to make certain temporary provisions with regard to the said magazines and stores."

Any person failing to observe these Regulations will be guilty of a misdemeanour, and punished accordingly.

- Sir William Snow Harris's lightning conductors are to be fixed under his, or his agent's, directions.
- 2. A red flag is at all times to be displayed at the mast-head of every floating magazine.
- 3. Each magazine is to be amply provided with tanned hides, and with wooden blocks and brass sheaves, where necessary, and all workmen are to be supplied with caps, frocks, and trousers of canvas, and shoes or slippers of leather, which are to be used in the magazine work only. A force-pump is also to be provided, for the purpose of throwing water in all directions.
- 4. A shifting or examining room is to be provided for each magazine, which is to be situated on the deck, with strengthened flooring below it; and it is to be used for no other purpose than for shifting powder, and heading-up or unheading the barrels.
- 5. The owners of each magazine are to appoint a storekeeper, in whose charge the magazine is to be placed, and who is to be bound, together with two competent sureties, to such owners in the sum of £1000, for the proper execution of his duty, to the satisfaction of the Master-General; and he is to be responsible for any assistant storekeeper or storekeepers he (the storekeeper) may appoint. He is also to appoint all workmen and boatmen required for this service, who are to be examined before they begin their work, and strict surveillance is to be exercised over them during the performance of their duty, to see that they are perfectly sober and well conducted.
- 6. Not any lights (except the signal one, and a second for the watch, which is to have water under it, and a temporary light, in an approved hand-lantern, to be brought from the shore for the purpose of lighting the signal and light for the watch, and then to be extinguished), also not any fires or smoking are to be allowed; and, under no pretence whatsoever, is any lucifer match to be permitted on board; and, to guard against the infringement of this order, the clothes with pockets in them are to be taken off in the changing room, or examined before beginning the work.
- 7. The storekeeper or other person in charge is not to allow more than one powder-vessel on each side of the magazine at the same time, and he is to provide good and suitable boats for conveying the powder to and from the magazine.
- 8. Not any barrel containing gunpowder is to be received or placed in these magazines, unless it be free from grit and well coopered. No defective barrel is to be taken into the magazine; and not any barrel is to be received having any other hoops than those of wood or copper, or having any other metal in or about it.
- Great care is to be taken in sweeping up the loose gunpowder, and, on the appearance of an approaching thunder-storm, or of lightning, all the ports and doors are to be closed.
- All powder-vessels bringing gunpowder are, before entering the Mersey, to hoist a red

flag, which is to be kept up until the whole of the powder is discharged, and, before approaching the magazines, all fires are to be completely extinguished, and they are not to be re-lighted until the vessel is moved a quarter of a mile off; and the respective owners of each magazine are to be responsible for their respective vessels bringing powder from their works being provided with the red flag, and for its being hoisted at all times when their vessels have powder on board on the Mersey. All vessels coming to receive powder from the magazines are to extinguish their fires and lights before they arrive within a distance of a quarter of a mile from the magazines, and are to keep them extinguished while within that distance.

11. The owners of each magazine, storekeeper, and assistant storekeepers, are to be responsible for the due examination of the vessels before they are warped alongside, either by themselves or by a competent person of the

powder establishment.

12. Not any boats but those belonging to the storekeeper, excepting boats of ships bringing powder, part of ships' stores to be deposited, or the boat conveying the Ordnance Officer, are to be allowed to go alongside the powder-vessels, nor is any boat to be allowed to communicate with any vessel or vessels which are receiving or discharging powder alongside the powder-vessel.

13. A bright light is to be placed in each of the magazines every night, in such a position as is customary for signal lights, and two men are to be placed in each magazine for fur-

ther security as a watch.

14. Not any powder is to be received or issued at the magazines, unless the storekeeper or

assistant storekeepers be present.

15. All persons, of whatsoever degree of rank, employed in the receipt, issue, or custody of powder at the magazines, are to point out to all concerned any proceeding which may have a tendency to cause danger.

16. The superintendent, appointed by the Master-General, is empowered to enforce these regulations, and is at all times to have

access to the magazines.

- 17. The storekeeper or assistant storekeepers are to report to the inspecting officer any deviation from these rules and regulations which may occur, as well as any other circumstances affecting the security, especially as regards the due efficiency of the mooring chains and tackle.
- 18. An account of the receipts and issues is to be kept, either on board the magazines, respectively by the storekeeper or assistant storekeeper, or at the storekeeper's office in Liverpool, in a day journal, which journal is to be open to the inspection of the Ordnance Officer at any time, and such officer is empowered to make such extracts as he may think proper.

Printed copies of these regulations are to be placed in such places in the powder-vessels as the Ordnance Officer may direct, these printed copies are to be renewed so often as it may be necessary to insure their being always perfectly legible, and such number of copies are to be sent to the Board of Ordnance, from time to time, as may be required for posting in such places as the Master-General may think proper.

By order of the Master-General,

W. Cotton, Secretary.