

mercury reservoir occupies the centre of the bulb. The distillation is so carried on that about 5 cc. of the distillate passes over per minute; the distillate is caught in a glass cylinder divided into cubic centimetres. At 140 deg. C. and normal barometer pressure of 760 mm. at least 90 cc. of distillate should have passed over. If the barometric pressure during the distillation is not 760 mm., a correction of 1 deg. C. must be applied for every 30 mm. difference: for example, at 770 mm. barometric pressure 90 cc. must have passed over at 140.3 deg. C., and at 750 mm. barometric pressure 90 cc. at 139.7 deg. C.

- (d.) *Miscibility with Water.*—20 cc. of pyridine must give with 40 cc. water a clear or only so slightly opalescent a mixture that printed matter after five minutes is still distinctly recognizable through a column of 15 cm. in depth.
- (e.) *Water-contents.*—On shaking together 20 cc. pyridine-bases with 20 cc. soda-lye of sp. gr. 1.4 at least 18.5 cc. of the bases should separate out after standing for some time.
- (f.) *Titration.*—1 cc. of pyridine-bases dissolved in 10 cc. water is treated with normal sulphuric acid until a drop of the mixture produces a distinct blue border on Congo paper, which soon disappears. Not less than 10 cc. solution should have been used for the appearance of this reaction. For the preparation of Congo paper, filter-paper is immersed in a solution of 1 g. Congo red per 1 litre of water and dried.

6. The following are the kinds of methylated spirit which may be manufactured:—

- (a.) Completely denatured spirit, for sale without restriction, made by the admixture of ingredients in the following proportions:—

Rectified spirit ..	100 gallons.
Approved wood naphtha ..	11 gallons.
Approved pyridine ..	From 2 to 4 pints, as may be determined by the Collector.

- (b.) Methylated "finish" without pyridine, for sale without restriction, consisting of rectified spirit mixed with 5 per cent. of approved wood naphtha, and at least 10 per cent. by weight of shellac, copal, or other resins, such resins having been dissolved to the satisfaction of the supervising officer before delivery.

Packages containing "finish" shall, prior to delivery, be distinctly marked "Methylated finish W.P." (without pyridine).

- (c.) (1.) Methylated spirit without pyridine shall be manufactured with 5 per cent. of approved wood naphtha, and shall not be made except (a) for use in furniture polishing or in similar industries, or (b) for the use of or delivery to a manufacturer of approved articles making such articles on his own premises.

(2.) Methylated spirit without pyridine for use in furniture polishing or in similar industries shall, before delivery, be distinctly marked "Methylated spirit W.P." (without pyridine) "for furniture polishing," and shall only be made in such limited quantity as the Collector may direct or permit.

(3.) Methylated spirit without pyridine, for furniture polishing, shall only be sold on the written guarantee of a *bona fide* furniture-polisher, or such other person as may be approved by the Collector, (and on conditions prescribed by him), that all such spirit from time to time sold or delivered to him shall be used and applied solely to furniture polishing, or such other uses as may be permitted by the Collector.

(4.) "Methylated spirit W.P., for furniture polishing," shall not be purchased or delivered in less quantity than 2 gallons at any one time, nor in greater quantity than 5 gallons in any week, unless upon special permit from the Collector.

(5.) Every manufacturer or holder for sale of methylated spirit W.P. for furniture polishing shall keep a book, which shall be open to inspection by any officer of Customs, in which he shall enter with respect to all such spirit the following particulars: (a) The quantity manufactured or purchased; (b) the date of manufacture or purchase; (c) the person to whom delivered; (d) the quantity delivered; (e) the date of delivery.

(6.) Methylated spirit without pyridine for the manufacture of approved articles shall, upon methylation, be distinctly marked "Methylated spirit W.P." (without pyridine).

(7.) Every holder of duty-paid "Methylated spirit W.P." shall provide a room or place of security approved by the Collector for the storage of such

spirit under the Crown lock. He shall also enter into a bond with two sufficient sureties, in the form provided, and shall undertake not to sell or dispose of any unmanufactured or partially manufactured product containing "Methylated spirit W.P."

(8.) Every manufacturer of articles approved under these regulations shall keep a book, in which he shall enter all "Methylated spirit W.P." received by him immediately on receipt thereof; he shall also, immediately upon delivery from Customs control, enter the quantity of spirit used to dissolve or treat such materials as are enumerated in paragraphs 9 and 10, or such other materials as may from time to time be permitted.

(9.) "Methylated spirit W.P." for the manufacture of varnishes, lacquers, and polishes shall be mixed with and have in solution, before delivery from Customs control, at least 2 per cent. by weight of either shellac, copal, resin, or other material approved by the Minister. Spirit so treated is not to be delivered until the materials added have had time to come into solution.

(10.) "Methylated spirit W.P." for the manufacture of veterinary medicines shall be mixed, while under Customs control, with the ingredients approved for such medicines, time being allowed before delivery for solution, percolation, or maceration where necessary.

(11.) Every manufacturer of veterinary medicines made with methylated spirit shall cause each packet containing the same, and every bottle, tin, or other receptacle filled upon or delivered from his premises for sale, to be distinctly labelled—

"For veterinary use. Made with methylated spirit."

(12.) The premises of every holder of "Methylated spirit W.P." shall be open to inspection by an officer of Customs, who shall be permitted to examine the book referred to in paragraph (8), and to check the balances shown therein with the stock of methylated spirit in hand.

- (d.) (1.) Spirit methylated by the addition of 1 per cent. of absolute phenol may be manufactured and sold for exclusive use in any public or private hospital, provided that a guarantee satisfactory to the Collector of Customs is given by the licensee of a private hospital, or the medical officer of a public hospital, that spirit delivered on such guarantee will be used exclusively for hospital purposes other than the compounding of medicines.

(2.) Every receptacle containing spirit methylated with phenol shall be distinctly marked with the words "Methylated spirit for exclusive use in hospitals."

(3.) The provisions of Regulations 6 (c) (5) and 6 (c) (7) shall, *mutatis mutandis*, apply to such methylated spirit for exclusive use in hospitals.

7. One shilling and sixpence per hour will be charged for the services of an officer of Customs when such services are required to supervise the manufacture or delivery of any methylated spirit, "finish," or veterinary medicines made in accordance with these regulations.

8. Every person who commits any breach of these regulations shall, except as otherwise provided for under the Customs Law Act, 1908, be liable to a penalty not exceeding £20.

F. M. B. FISHER,
Minister of Customs.

Minister's Order No. 1058.]

Revocation of Appointment of Bonding Warehouse.

CUSTOMS.—In exercise of the authority in me for this purpose vested, I, the Minister of Customs, do, by this order under my hand, revoke and annul the appointment of the undermentioned warehouse for the reception and security of goods entered to be warehoused without payment of duty upon the first entry thereof, namely,—

Port of Lyttelton.

The warehouse known as

EXPRESS COMPANY'S BOND,

as appointed and described in Minister's Order No. 797, of the 28th day of February, 1906.

Given under my hand, at Wellington, this 24th day of October, 1913.

F. M. B. FISHER,
Minister of Customs.

Minister's Order No. 1061.]