

- (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.

120. 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.) (i.) 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, or (c) for such special purpose as the Comptroller may approve.

(ii.) 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.

(iii.) 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.

(iv.) "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.

(v.) 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.

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

(vii.) 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, in Form 54, and shall undertake not to sell or dispose of any unmanufactured or partially manufactured product containing "Methylated spirit W.P."

(viii.) 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; such book shall be open to inspection by any officer of