

(August 13, 1924).

SPECIFICATIONS FOR TICKETS FOR TYPE-REGISTERING
WEIGH BEAMS.

The specifications herewith submitted were prepared in response to a demand for a suitable form of ticket that would save comparatively soft type-bars from injury and also permit a legible and unequivocal weight record to be taken. The final form is the result of a rather complete canvass of principal parties at interest.

It developed in the course of the inquiries incidental to the preparation of the specifications that the principal deficiency of current types of tickets is in the base stock. Often this is made of very light enamelled blotter stock, or plain cardboard, or even heavy manila paper. This sort of ticket the specifications seek to eliminate since experience shows such to be highly injurious to type-bars, particularly so when operators are inexperienced or inclined to be careless.

I. General

1. Arrangement of printed matter on ticket forms shall conform to accepted sample.

II. Base Material

1. Enamelled Blotter Stock. (Note: It is contemplated that tickets made from or containing enamelled blotter stock specified herein will be used with weigh-beams on which the type on the main beam or on the "fractional" bar, or on both, is at least equal in hardness to the aluminum or aluminum alloys commonly used in the manufacture of fractional bars and type).

a. Grade of Material.

Tickets for type-registering weigh-beams shall be made of, or contain an enamelled blotter stock base of which 500 sheets, 19" x 24" shall weigh not less than 140 pounds. The blotter stock and enamel facing shall be free of ground wood pulp. The facing shall not flake, pick, lift, or pulverize.

b. Composition of enamelled blotter stock.

The proportion of blotter stock and enamel facing shall be as follows: blotter stock, not less

than 90 pounds per ream of 500 sheets, 19" x 24", and, enamel facing, not more than 50 pounds per ream of 500 sheets, 19" x 24".

c. Workmanship.

The parts shall be securely and evenly pasted, and the finished product shall be uniform in thickness.

d. Thickness.

The finished enamelled blotter stock shall be not less than 0.025" and not more than 0.027" in thickness.

e. Color.

Blotter and enamel facing may be white, light brown, yellow, straw, or other light color.

III. Manifold Copy Material

1. When manifold copies of weight records are required, carbon paper, semi-carbon paper, billing carbon paper, and necessary combinations with plain paper may be used.

2. Carbon Paper. By carbon paper is meant paper with a carbon coating on both sides. Coating shall be on tissue known as 7 pounds per ream of 500 sheets, 20" x 30". The coating shall be clean and non-smutting, and shall have a hard finish. The color may be either black, or blue, or purple.

3. Semi-Carbon Paper. By semi-carbon paper is meant paper carbonized on one side only. Coating shall be on tissue known as 7 pounds per ream of 500 sheets, 20" x 30". The coating shall be clean and non-smutting, and shall have a hard finish. The color may be black, or blue, or purple. This grade of carbon paper shall not be used for any purpose except the normal one of transferring impressions to another sheet to be used as an extra copy of the weight record.

4. Billing Carbon Paper. By billing carbon paper is meant paper carbonized on one side on tissue known as 20 pounds per ream of 500 sheets, 20" x 30". The coating shall be clean and non-smutting and shall have a hard finish. The color may be black, or blue, or purple. In respect to amount and nature of carbon coating, and general suitability for the intended purpose, the product supplied must conform to accepted sample.



a. It is contemplated that billing carbon paper may be used not only to transfer impressions but also to receive on the plain side impressions which may be used as an extra copy of the weight record.

b. Necessary printed matter may be placed on the plain side of billing carbon paper. This must conform to Section I-1.

5. Plain Paper. Plain paper used for manifold copies of type registering beam weight records shall be of stock not lighter than 24 pounds per ream of 500 sheets 25" x 40".

The color, finish, and other features of adaptability must conform to accepted sample.

IV. Fastening of Manifolding Sheets

The sheets for making manifold copies shall be fastened to the enamelled blotter base by means of a clip, pasting, binding, or other effective means at one edge in such a manner that the extra sheets may be readily detached, so that the tickets will stack or file evenly, and so that the sheets may not be disarranged or their relative positions changed in the processes of handling while taking the printed record. The fastening shall be so arranged that there will be no interference to insertion of the ticket, or in the operation of the poise, or with the type impression.

