

At Last—Some Different Toobs!

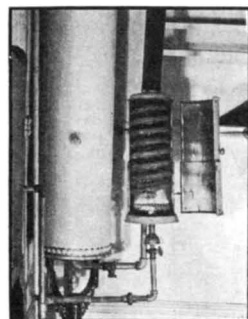
Manufacturers Reluctantly Start Production of New Bottles

GOOD news, fellows! After an interminable period of waiting, we can at last announce a few new chubes for the use of hams only. It must, in fact, have been all of four and a half days since the last preceding conglomeration came from the drill-presses (and only a measly 34 new types then) so OST's daily bulletin on new tubetypes has been discontinued. But now!!!!

Out of the 68 new types announced today, we can only describe three in detail. These have been developed by the R.A.C. laboratories at the

piece cast-iron envelope. A secret process of manufacturing a clinging vacuum makes this new development possible. The importance of this cannot be overestimated for it provides for continuous rejuvenation of the tube. When the tube becomes sluggish in action, the door can be opened and the accumulated electrons cleaned off the grid and plate with a brush. The electrons can be saved and used over again if one wishes to be ultra-economical.

This tube is guaranteed to deliver plenty of red hot juice at short notice.



AN EXCLUSIVE PHOTOGRAPH OF THE 254G63A13S IN ITS NATIVE ENVIRONMENT

Installed in a complete transmitter. The door is open to show the internal construction of the tube; Note the High-C circuit. The tank capacity is 200 liters. Heavy pipe conductors are used because of the intense heat generated in operation.

express request of OST (express because the request was too big to go by parcel post). Needless to say, all these new tubes have power to burn, especially the 254G63A13S, shown in one of the photographs.

The 254G63A13S is made only for ultra-high-frequency kitchen transmitters. The oscillations generated are very short in wave-length, but oh boy! is there hot stuff in that tank circuit!! Did you ever back into a hot radiator with its rear end uncovered? Well, then you know how we felt when we did the same thing. That explains perfectly the operation of this new tube.

We must admit a slight disappointment when we found the new tube had only two grids. That's hardly enough for a modern tube. However the second grid isn't really a grid, if you know what we mean. Actually it's the plate, wound in a spiral so no external tank inductance will be necessary. The cathode is a multi-hole affair with jet emitters. We don't know what the inner grid is for but the makers seemed to think it was necessary. A novel feature of the 254G63A13S is the two-



THE OHNO123UGH AND 123456ZZXQ!&

Two small but powerful bottles which work like brothers in push-pull but not so good in parallel.



caution. A particularly good tube to give the young squirt in the next block who calls you at 2 p.x. when you're trying to work some DX.

YEP, THERE ARE OTHERS

For instance, we have the 273DYWL29F, 36ELGH39, EIGH29AHG, \$&c178, A:EUC26, 38GH20, QCCH2837, QPWO29, WM2938HT, DKEIG29, 2937, WUYN &?, 29QODJ56w, EOA395FG, QPDI563, 639ALC56,

(Continued on page 97)