

"Our devices," explains Candidate of Technical Sciences N. Roshchupkin, head of the Welding Department of VNIKTISTal'konstruktsiya, "can find wide application in submerged arc welding of buildings and other metal structures when most of the work is to be carried out with the use of special welding tractors. No devices for removing welding flux and trapping aerosols are in series production for these tractors. And the usual plenum exhaust ventilation is not of much help in this situation ..."

These proposed "flux-gas" devices eliminate the need for the generally ineffective manual gathering of flux.

"Flux-gas" devices can be employed with any welding tractors for doing butt and fillet welds. The economic savings from implementation of a single unit amounts to 5000 roubles per year. At the present time, over 150 of these devices have been put into operation at various plants.

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