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News

Disposal of ammunition

12.03.2018 News

Some projects are simply more exciting than others because of their theme. Disposal of useless or no longer required ammunition is certainly one of these projects.

Some projects are simply more exciting than others because of their theme. Disposal of useless or no longer required ammunition is certainly one of these projects. The ammunition is entirely destroyed in disposal facilities by blasting or thermal disposal. The flue gas, which is generated within the waste incinerator, contains harmful substances and toxic compounds. It needs to be treated in a way that all required emission values are met.

In his Swedish disposal plant, a leading supplier for ammunition destruction has improved the exhaust gas cleaning of a blasting furnace and rotary kiln by extension of the flue gas cleaning. Furthermore the old existing dust filter was replaced.

Infastaub has delivered two filter units for these demands. At first separation of soot and dust particles is carried out by a bag filter type Infa-Mini-Jet AJM in a special high temperature design for max. 180 °C. Filter media of the bag filter are made out of a Nomex needle felt. The also have a special acidproof finishing.

A further 3-chamber pocket filter type Infa-Jet AJN is downstream a dosing unit that inserts

the additive (mixed powder out of calcium hydroxide and active carbon that binds acids and heavy metal ions by sorption). The pocket filter separates lime, soot and dust particles before entering the subsequent combustion chamber. Because of the demanded increased pressure resistance, the filter housing is designed in a reinforced version.

Both filter units are designed to achieve a residual dust content $< 10 \text{ mg/m}^3$.



Market place

You find the market place for used filter units here.

Downloads

You find all manuals PDF files [here](#).

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