

Disposal of APM Anti Personnel Mines

According to international treaties the stored APMs have to be destroyed environmental friendly. These little bombs are very dangerous because of toxic liquid explosives and quick blasting by light pressure.

One of the results of the destruction is a large amount of Chlorine and organic compounds.

SonUtec developed and built the equipment to deal with that problem.

The first step is a cold detonation chamber. The APMs are placed inside the chamber while remaining in their original cans or boxes. The ignition is done by a separate second explosive charge, triggered by an electric impulse.

The second step is the multistage flue-gas treatment system with emission monitoring.

Its most important parts are pressure equalizing, combustion, wet scrubber and denitrification (DeNOx). All equipment parts are assembled as racks and closed containers so they can be removed and transported to another site after use.



Disposal plant for APM

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