

## **DYNASAFE SDC, A PROVEN TECHNOLOGY FOR DESTRUCTION OF CHEMICAL AND CONVENTIONAL WEAPONS**

J. Ohlson

Dynasafe, Baggängsvägen 47, SE-691 80 Karlskoga, Sweden

### **ABSTRACT**

The Dynasafe Static Detonation Chamber, SDC, is equipment for destroying all types of explosives and munition. It is an reinforced and heated detonation chamber which operates at approximately 500-550 °C and where all types of explosive materials – open or encapsulated in munition – are 100% destroyed. Chemical or biological material connected to the explosives is also safely destroyed.

The feeding system is designed – depending on its application – to operate without any personnel involvement close to the plant. The operator controls the plant from a control room a safe distance away.

The Dynasafe SDC can be delivered with off-gas systems optimised for each feeding material and local regulations. Off-gas systems can also be designed in a modular way that future improvements are applicable in a simple and cost effective way.

Besides high capacity, the Dynasafe SDC can be produced as a fixed installation, semi-mobile and mobile. These possibilities make the system superior to most of the competing technologies.

Dynasafe SDC has been delivered to many countries world wide such as Sweden, Japan, Germany, USA, Portugal, Spain, Taiwan etc.