The international Dynasafe Group is a group of companies active in response against explosives threats. For more than 20 years we have been active in detection, removal, transportation, containment and destruction of explosives, ordnance, UXO, CBRNe, chemical munitions and conventional munitions.

The Dynasafe Group provides three primary services:

- **Area Clearance** – UXO elimination on land and under water.
- **Demilitarization** – conventional/chemical munitions destruction
- **Protection** – EOD systems, bomb disposal and explosion protection

### Area Clearance

Dynasafe Area Clearance - with its origins in the recognized market leaders BACTEC International Ltd, GRV LUTHE Kampfmittelbeseitigung GmbH and MineTech International Ltd - is the provider of choice for UXO risk mitigation and mine clearance:

- International experience.
- Clearance on land and under water.

### Demilitarization

Dynasafe Demil Systems (Dynasafe Demil Systems AB, Dynasafe Germany GmbH, Dynasafe Sales & Operations GmbH) design, build and operate plants for the safe and environmentally friendly disposal of conventional and chemical munitions.

- Wide range of munitions can be treated.
- Stationary and mobile plants together with off-gas treatment.

### Protection Systems

Dynasafe Protection Systems are world-renowned suppliers of integrated protection systems, explosive containment vessels and scenario-based consulting and training. Our products are designed for the handling and total containment of various CBRNe hazards such as: fragments, pressure, temperature and toxic materials. Our trainers are EOD specialists still actively involved in their fields of expertise.

Dynasafe products feature:

- Gastight and non-gastight containment
- Integrated systems

Make your world a safer place
Dynasafe, with its munitions and EOD experts is able to design and build customized engineered dismantling solutions. Dynasafe Demil Systems offers a wide range of munitions dismantling equipment such as special band saws, rotating band cutting machines, special ammunition shears, water jet cutters, underwater band saws, bomb cutting rings, bullet breaking machines, small arms crushers, dismantling systems for different calibres, melt out systems and customized remotely operated equipment for preparation and dismantling of different types of munitions. For safe operation of dismantling equipment we are able to provide special safety containers as well ammunitions containers for intermediate storage.

Dynasafe Demil Systems designs, builds and operates complete plants for the safe and environmentally friendly disposal of conventional and chemical munitions.

There is an increasing demand for sound solutions for munitions destruction to meet strict international safety and environmental standards. Environmental awareness has led to a situation where disposal of munitions by open burning or open detonation is no longer acceptable in many parts of the world.

There are two main options for munitions destruction: conventional incineration and thermal destruction.

Conventional incineration is the process of burning the munitions in a controlled environment to destroy the components. This method is effective but requires a large amount of space and significant infrastructure.

Thermal destruction, on the other hand, involves the use of heat to destroy the components of the munitions. This method is more space-efficient and requires less infrastructure.

Dynasafe Demil Systems designs and builds environmentally acceptable demilitarization facilities for destroying conventional and chemical weapons around the world. Dynasafe systems are designed to flexibly handle munitions ranging from small arms up to large caliber projectiles, rockets, mines and bombs.

Based upon similar principles as the SDC systems, Dynasafe offers mobile units for munition destruction, named MEA systems. The MEA systems are designed to process smaller calibres, dismantled munitions parts and munitions not containing any toxic or aggressive substances and can be mobile, semi-mobile or stationary as well as containerized. The MEA system contains an indirectly heated armored destruction chamber used to fully destroy explosives and energetic materials.

Metal scrap resulting from the destruction is safe for public release once removed from the SDC or MEA systems, containing no residues from explosives. The exhaust gases from the SDC passes through a pollution control system, designed and built by Dynasafe.

The technology applied for munitions destruction uses thermal destruction in different systems including Static Detonation Chambers (SDC’s), Incinerators and Clean Burning Chambers, Controlled Detonation Chambers (CDC), as well as various supporting technologies such as dismantling technologies.

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Operation

Dynasafe Sales & Operations, which belongs to Dynasafe Demil Systems, operates its own destruction site in Germany providing services for dismantling and destruction of ammunition with our own mobile equipment, including a mobile thermal destruction unit. Our experts have gained a lot of experience and know-how which they can offer for future applications abroad. Depending on the project, Dynasafe is prepared to discuss operational support including full operation of our plants as well.

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