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Counter Terror News and Solutions Munitions "green disposal"



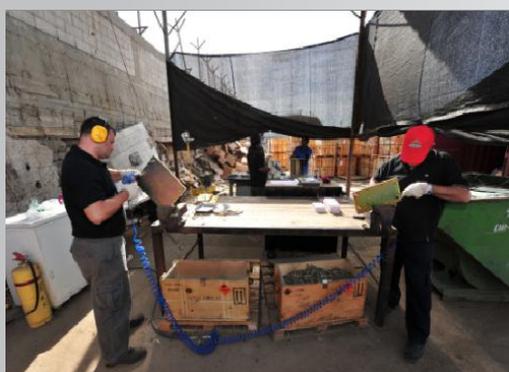
By Rami Schiffer, EOD trainer, X-Test™ Marketing Director

Every year thousands of tons of munitions are marked as obsolete, out dated or malfunction at armies and production sites all over the world.

These munitions are sometime dangerous and always out of service. In addition ammunition production factories produce a lot of excess explosive material that cannot be reused.

All these explosives must be disposed of eventually.

The easiest way to dispose of explosives is by explosion. But today most developed countries have legislated environment keeping laws that do not allow disposal of explosives by way of explosion as it cause severe damage to the environment (noise, pollution, metal debris, hazardous waste etc.).



Thus came the need for "green disposal" solutions. These solutions usually involve dismantling of the munition to its elements manually or by robotic means. The main charge is separated from the detonation mechanism and the mechanism is rendered safe. After this process the different elements are ready to reuse – the casing and different metal parts can be used as metal waste; the explosive material can be remolded and reused (like TNT) or if they have expired they can be combined with low level explosives and be used in mining and tunneling works.

From my experience of over 20 year in the field of explosive ordnance disposal (EOD) the "green solutions" are cleaner and allows you to reuse parts of the munitions but they are more costly and far more dangerous as you need to handle the ammunition manually, even if the dismantling process is done by robotic operation.

The Tamar Group operates in international munitions disposal projects around the world and offers a variety of state-of-the-art disposal solutions.

