



Efficient munitions monitoring and international quality control

Munition items suffer wear and tear. Therefore they need to be inspected regularly to ensure they are still fit for purpose. Aging of munitions/explosives can impair their reliability. International ringtests in which measurements were performed for quality assurance purposes have confirmed conformity with the international standard at all times.

The main purpose of the checks carried out in 2015 was to ensure the proper storage and functional readiness of the stored munitions. Scheduled overhauls and decommissioning were all performed on time. S+T is investing its own resources in a number of projects to ensure modern, efficient and professional munitions monitoring. It undertakes "round robin tests" to ensure that munitions monitoring complies with international standards. These tests are used to check on quality assurance and ascertain whether measuring methodology conforms to the international state of the art. Over the year as a whole, this testing incurred a total of 23,809 hours of work, i.e. approx. 99% of the amount budgeted. The failure rate established in 2015 among the various types of munitions and other events reported by armed forces units – such as ammunition misfires or failure of illuminating ammunition parachutes to open – is within the normal range and is not indicative of any general changes in the condition of the munitions.

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Mechanical properties being measured as part of a round robin test



Measuring of electrostatic discharge in a round robin test to ascertain handling safety