



CERTIFICATE OF STAND-OFF CWA DETECTOR

Falcon 4G-B, product of SEC Technologies, s. r. o.

Detection Thresholds (the respective methodology is described in Ref [2]) :

GB (Sarin) : 0.137 mg .m -3

meets NATO D/100 "desirable" Detection Threshold

HD (Sulphur Mustard) : 1.66 mg .m -3

meets NATO D/100 "essential" Detection Threshold

We, Vojenský Výzkumný Ústav, s. p. (later in this document only VVÚ), hereby state the following :

1. Using real Chemical Warfare Agents, we have tested Stand-off Detector of CWA, model Falcon 4G-B, serial number 006/18 produced by SEC Technologies, s. r. o. The tests took place on 6th and 7th of May 2019 at our proving ground "Kamenná Chaloupka" near Vyškov, Czech Republic;
2. During the tests, the Stand-off Detector Falcon 4G-B was operated by SEC Technologies and all operations and data recording were carefully supervised by VVÚ personnel; For details of the tests see Ref. [1].
3. During the tests GB, (SARIN) and HD (Sulphur Mustard) were successfully detected by Stand-off Detector Falcon 4G. Detailed description of the use of Falcon 4G during the tests resulting data and estimation of the above stated Detection Thresholds are in Ref [2];

References :

[1] Kadlčák et al, "Report : Overview of results achieved during testing of Stand-off Detector Falcon 4G, product of SEC Technologies, using selected agents". VVÚ, May 2019, 9 p.

[2] "Field Tests of Stand-off Detector of CWA model Falcon 4G Using Real Agents". SEC Technologies, June 2019, 22 p.

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