

CEN

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WORKSHOP

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AGREEMENT

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English version

Humanitarian Mine Action - EOD Competency Standards - Part 2: Competency matrix

This CEN Workshop Agreement has been drafted and approved by a Workshop of representatives of interested parties, the constitution of which is indicated in the foreword of this Workshop Agreement.

The formal process followed by the Workshop in the development of this Workshop Agreement has been endorsed by the National Members of CEN but neither the National Members of CEN nor the CEN Management Centre can be held accountable for the technical content of this CEN Workshop Agreement or possible conflicts with standards or legislation.

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Foreword

This CEN Workshop Agreement has been prepared under a mandate and funded by EC DG AIDCO.

The following organisations have been members of the workshop and contributed to the CWA. Belgian Armed Forces, Danish Demining Group, French Armed Forces, Geneva International Centre for Humanitarian Demining, International School for Security and Explosives Education, Mines Advisory Group, MAG, NATO Standardisation Agency, Science Technology and Manufacturing Technologies Alliance (SEMTA) and the Standards Setting Body for Explosives, Munitions and Search Occupations (SSB for EMSO), Spanish Armed Forces, Swedish EOD and Demining Centre, SWEDEC, Swedish Rescue Services Agency, Swiss EOD Centre, Turkish Armed Forces, United Kingdom Department for International Development, United Nations Mine Action Services, UNMAS.

The secretariat was held by SIS Swedish Standards Institute.

The final review/endorsement round for this CWA was successfully closed during the final meeting of 2005-07-05.

The final text of this CWA was submitted to CEN for publication on 2005-10-27.

This CWA will be handed to the Geneva International Centre For Humanitarian Demining, GICHD for integration into the International Mine Action Standards (IMAS) collection."

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Reading instructions

This document contains the minimum requirements for EOD levels 1, 2 and 3. Organisations may give their personnel additional competencies.

The specified competencies always need to be cross read with the definitions of each level as the requirements of one level and competency might vary to the next level having the same basic competency unit.

For example,

3.15.1 Individuals must demonstrate that they establish accurately the nature of the advice needed.

The advice must be within their mandate and field of expertise as defined in the EOD levels.

No	Competencies	EOD level 1	EOD level 2	EOD level 3
1	KNOWLEDGE BASE	X	X	X
1.1	Explosive Ordnance Recognition	X	X	X
1.1.1	Land service ammunition and fuses - generic	X	X	X
1.1.2	Land service ammunition and fuses - detailed		X	X
1.1.3	Mines- generic	X	X	X
1.1.4	Mines- detailed		X	X
1.1.5	Submunition - generic	X	X	X
1.1.6	Submunition - detailed		X	X
1.1.7	Air Dropped Weapons - generic	X	X	X
1.1.8	Air Dropped Weapons - detailed			X
1.1.9	Guided Weapons - generic	X	X	X
1.1.10	Guided Weapons - detailed			X
1.1.11	Booby traps and improvised munitions awareness	X	X	X
1.2	Explosives Theory and Safe Handling of Explosives Ordnance	X	X	X
1.2.1	The differences and applications of high and low explosives.	X	X	X
1.2.2	The principles and objectives of explosive trains.	X	X	X
1.2.3	The principles of explosive power.	X	X	X
1.2.4	Blast effects and their uses.	X	X	X
1.2.5	Methods of reducing blast effects.		X	X
1.2.6	Movement of Explosive Ordnance		X	X
1.3	Methods of Disposal	X	X	X
1.3.1	Electrical and Non-electrical means of initiation	X	X	X
1.3.2	Use of Pyrotechnic devices to destroy by burning	X	X	X
1.3.3	Use of sufficient high explosive quantities to destroy explosive ordnance on which they have received training.	X	X	X
1.3.4	High order techniques	X	X	X
1.3.5	Ring Main	X	X	X
1.3.6	Line Main	X	X	X
1.3.7	Detonation by propagation – pit lay out		X	X
1.3.8	Low Order Techniques			X