



NSAI
Standards

Irish Standard Recommendation
S.R. CWA 17094-2:2016

Police firearms technology - Part 2: Police pistol and support weapon - Recommendations

S.R. CWA 17094-2:2016

Incorporating amendments/corrigenda/National Annexes issued since publication:

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National Foreword

S.R. CWA 17094-2:2016 is the adopted Irish version of the European Document CWA 17094-2:2016, Police firearms technology - Part 2: Police pistol and support weapon - Recommendations

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CEN

CWA 17094-2

WORKSHOP

December 2016

AGREEMENT

ICS 95.060

English version

Police firearms technology - Part 2: Police pistol and support weapon - Recommendations

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-CENELEC Management Centre can be held accountable for the technical content of this CEN Workshop Agreement or possible conflicts with standards or legislation.

This CEN Workshop Agreement can in no way be held as being an official standard developed by CEN and its Members.

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CWA 17094-2:2016 (E)

European foreword

This CEN Workshop Agreement has been drafted and approved by a Workshop of representatives of interested parties on 15th October 2016, the constitution of which was supported by CEN following the public call for participation made on 23rd March 2015.

A list of the individuals and organizations which supported the technical consensus represented by the CEN Workshop Agreement is available to purchasers from the CEN Management Centre. These organizations are as follows:

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The final text of this CWA was submitted to CEN for publication on 16th November 2016.

This CEN Workshop Agreement is publicly available as a reference document from the National Members of CEN: AENOR, AFNOR, ASRO, BSI, COSMT, DIN, DS, ELOT, IBN/BIN, IPQ, MSZT, NEN, NSAI, NSF, ON, SEE, SIS, SFS, SNV, STRI, SUTN, UNI.

Comments or suggestions from the users of the CEN Workshop Agreement are welcome and should be addressed to the CEN Management Centre.

The following principles have been followed when defining the recommendations:

1. Official European and international standards has to be complied with. In case both exist, the European standard prevails. Therefore, for example, C.I.P. and ISO decisions will be followed.
2. An official standard has to be used as the basis for defining test methods when such a standard can be found.
3. Any test method has to be scientifically valid, reflect reality and be repeatable.
4. De facto standard-like agreements or in-house agreements will be used as reference material only recognizing the fact that alignment with their requirements will yield certain benefits. It is, however, not possible to directly refer to these agreements since it would mean allowing changes to our recommendations by some outside organization without our consent. Furthermore, the documentation of such agreements is not always available to all interested parties and does not necessarily comply with the first three principles above. Such agreements are for example NATO, FBI and German Police Technische Richtlinie. They all contain valuable ideas and provide valuable reference material.

CWA 17094-2:2016 (E)

1 Scope

This document has been written for the purpose of defining the features of a personal police sidearm and primary support weapon. In its full extent it can be used for **type certification** of a product. When using it to define the technical requirements for an **invitation to tender** a subset of the requirements can be selected and rated according to their importance to the procuring unit. A further subset can be defined for carrying out **acceptance inspections** of a manufacturing lot or for assessing and monitoring the current firearms in use.

This document describes an open system of requirements for different types of firearms recognizing that several different technical implementations may comply with the requirements and police needs. Tactical environments may set differing priorities on requirements. Based on tactical views a suitable set of requirements can be chosen and their threshold values adjusted.

In this document the term support weapon denotes a two hand submachine gun and assault rifle type of weapon usually being utilized when the tactical situation requires longer response distance, better precision or more power than the personal sidearm can provide.

2 Normative references

The following documents, in whole or in part, are normatively referenced in this document and are indispensable for its application. For dated references, only the edition cited applies. For undated references, the latest edition of the referenced document (including any amendments) applies.

C.I.P. Decisions, Texts, Tables; Permanent International Commission for the Proof of Small Arms C.I.P. Commission Internationale permanente Pour l'Epreuve des Armes à Feu portatives, <http://www.cip-bobp.org>

Mil-Std-1913; DIMENSIONING OF ACCESSORY MOUNTING RAIL FOR SMALL ARMS WEAPONS; Military Standard 3.2.1995; USA

NATO accessory rail; STANAG 4694, NATO Army Armaments Group (NAAG), Land Capability Group 1 Dismounted Soldier (LCG1-DS) on 8 May 2009

3 Terms and definitions

For the purposes of this document, the following terms and definitions apply.

3.1

percussion delay

time from percussion mass release to the impact of firing pin on the percussion primer

3.2

barrel time

time from firing pin impact on percussion primer to bullet exit from the barrel

3.3

cartridge

complete ammunition assembly intended for a firearm and comprising of casing, percussion primer, powder and projectile

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