



EESTI ARSENAL OÜ (EA) QUALITY ASSURANCE PROGRAM AND STANDARDS (QAPS)

Application: PK-14 manufacturing
Revision: 2.0 14/02/2016

1. GENERAL

Aim

QAPS demonstrates and documents the commitment of EA to the high quality of its products and life-cycle management.

Quality Manual

EA has established, documented and implements an effective QAPS, based on Quality Manual (QM).

2. MANUFACTURING

According to QM the manufacturing and assembly is performed by subcontractors holding valid ISO 9001 AQAP 2110.

3. MATERIAL SUPPLIERS AND PROCUREMENT

The quality control over purchased components, raw material and consumables used in the manufacturing process is based on EA QM procedures.

All the materials used in PK-14 manufacturing process are purchased in UN and/or NATO member states.

4. EXPLOSIVE MATERIALS

Explosive materials used in PK-14 are manufactured and classified according to ISO 9001 and AQAP 2110 quality standards as well as ISO 14001 environmental standard.

Explosive material environmental testing iaw STANAG 4370:

C2 Cold test (-46°C) 24hours	AECTP 200, Category 230
B3 Hot and humid test (+71°C) 24 hours	AECTP 200, Category 230
Secured cargo vibration	STANAG 4370, AECTP 400 ed. 3, 401, procedure III, pic A-2
Classical waveform shock	STANAG 4370, AECTP 400 ed. 3, 403, procedure I
B3 diurnal storage cycling	AECTP 300 Ed. 3, 306, climate cat. B3/C

5. MARKING AND LABELING

Marking and labeling is performed iaw EA QM:

NATO standard barcode handbook AAP-44(A)

STANAG 4329 AST - NATO standard barcode symbologies AAP-44(A)

EU Commission directive 2008/43/EC (Track and Trace Directive)

6. DATA AND DOCUMENT SECURITY

Manufacturing data, customer data and documentation is safely stored and handled iaw EA QM. The access to this section is restricted.

7. ENVIRONMENTAL ASPECTS

Manufacturing of PK-14 by EA is performed iaw ISO 14001:2015