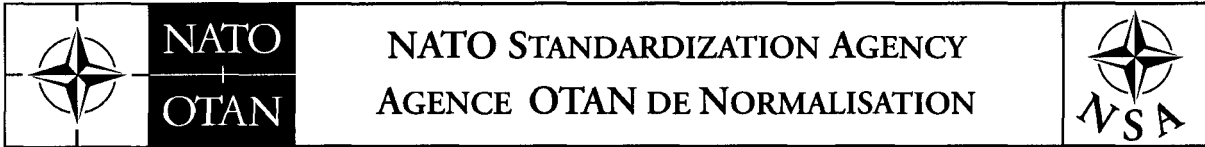


NATO/PFP UNCLASSIFIED



12 April 2007

NSA/0383(2007)-JAS/4620

See CNAD AC/326 STANAG distribution

STANAG 4620 JAS (EDITION 1) – EXPLOSIVES, NITROCELLULOSE BASED PROPELLANTS, STABILITY TEST PROCEDURES AND REQUIREMENTS USING STABILIZER DEPLETION – IMPLEMENTATION OF AOP-48

Reference: PfP(CPG-S/3)D/29 dated 11 November 2002

1. The enclosed NATO Standardization Agreement, which has been ratified by nations as reflected in the **NATO Standardization Document Database (NSDD)**, is promulgated herewith.
2. The reference listed above is to be destroyed in accordance with local document destruction procedures.

ACTION BY NATIONAL STAFFS

3. National staffs are requested to examine **their ratification status of the STANAG** and, if they have not already done so, advise the Defence Investment Division through their national delegation as appropriate of their intention regarding its ratification and implementation.

J. MAJ 
Major General, POL(A)
Director, NSA

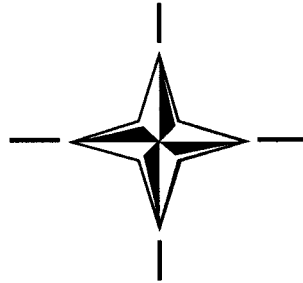
Enclosure:
STANAG 4620 (Edition 1)

North Atlantic Treaty Organisation – Organisation du Traité de l'Atlantique Nord
B-1110 Brussels Belgium

E-mail: mc.mortier@hq.nato.int – Tel 32.2.707.3942 – Fax 32.2.707.4103

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**NORTH ATLANTIC TREATY ORGANIZATION
(NATO)**




**NATO STANDARDIZATION AGENCY
(NSA)**

**STANDARDIZATION AGREEMENT
(STANAG)**

**SUBJECT: EXPLOSIVES, NITROCELLULOSE BASED PROPELLANTS,
STABILITY TEST PROCEDURES AND REQUIREMENTS USING
STABILIZER DEPLETION – IMPLEMENTATION OF AOP-48**

Promulgated on 12 April 2007

J. MAJ 
Major General, POL(A)
Director, NSA

RECORD OF AMENDMENTS

| No. | Reference/date of Amendment | Date entered | Signature |
|-----|-----------------------------|--------------|-----------|
| | | | |

EXPLANATORY NOTES

AGREEMENT

1. This NATO Standardization Agreement (STANAG) is promulgated by the Director NATO Standardization Agency under the authority vested in him by the NATO Standardization Organisation Charter.
2. No departure may be made from the agreement without informing the tasking authority in the form of a reservation. Nations may propose changes at any time to the tasking authority where they will be processed in the same manner as the original agreement.
3. Ratifying nations have agreed that national orders, manuals and instructions implementing this STANAG will include a reference to the STANAG number for purposes of identification.

RATIFICATION, IMPLEMENTATION AND RESERVATIONS

4. Ratification, implementation and reservation details are available on request or through the NSA websites (internet <http://nsa.nato.int>; NATO Secure WAN <http://nsa.hq.nato.int>).

FEEDBACK

5. Any comments concerning this publication should be directed to NATO/NSA – Bvd Leopold III - 1110 Brussels - BE.

NAVY/ARMY/AIR

**NATO STANDARDIZATION AGREEMENT
(STANAG)**

**EXPLOSIVES, NITROCELLULOSE BASED PROPELLANTS, STABILITY TEST PROCEDURES
AND REQUIREMENTS USING STABILIZER DEPLETION – IMPLEMENTATION OF AOP-48**

AIM

1. The aim of this agreement is to promote the use, updating and application of AOP-48.
2. This agreement is intended for use by the NATO Participating Nations.

AGREEMENT

3. The ratifying countries of the NATO Participating Nations agree to:
 - a. replace the following STANAGs : 4117, 4527, 4541 and draft STANAG 4542 by AOP-48;
 - b. adopt general methodology, test procedures, limits of acceptance and data sheets for stability testing of nitrocellulose based propellants using stabilizer depletion in accordance with AOP-48;
 - c. consider this STANAG as a basis for the issue and revision of AOP-48 by NATO Group AC/310.

IMPLEMENTATION OF THE AGREEMENT

4. This STANAG will be considered implemented when ratifying countries comply with the provisions of this STANAG and the AOP-48 referred to herein.