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Army

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Norwegian Defence
Logistics
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Material Development

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GENERAL REQUIREMENTS AND INSPECTION REGULATIONS FOR TEXTILE MATERIAL

In the event of any differences in the interpretation of this standard the Norwegian version (FS 7650-2000) shall take precedence over the English translation.

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1. GUIDELINES

1.1. Area of application

This Defence Standard has been prepared by the Norwegian Defence Logistics Organisation/ Quartermaster Material Development, and contains: GENERAL REQUIREMENTS AND INSPECTION REGULATIONS FOR TEXTILE MATERIAL. It applies as a supplementary regulation in addition to the individual standards and other documents to which reference is made in the invitation to the tender, or the contract. If nothing to the contrary is stated in the contract/order or product Specification, this Defence Standard shall be followed.

If requirements are specified in the contract, or special Defence Standard, which differ from this standard, these are binding and have precedence over the FS 7650-2000E Standard.

1.2. The Contractors obligations

The contractor must, before he carries out the contract, go through the contract documents. For anything that are not clear, clarification shall be requested from the Quality Assurance Authority (QAR) named in the contract.

When quality assurance, according to AQAP 2120 or AQAP 2130 is required in the contract, the Contractor shall document his quality control in a Quality plan. An operational schedule for execution of the contract must also be worked out. When quality control, according to AQAP 2131 is required in the contract, the Contractor shall present to the Quality Assurance Authority, the product for final inspection.

If signing samples are specified in the contract, these must be presented to the appointed QAR. The processing time for control of production samples depends on the product, but shall normally not exceed 5 weeks. If a size-set is required in the contract, quantity and time for production start shall be arranged with the appointed QAR.

Approved production samples are to be sealed and dated by the Norwegian Defence and returned to the contractor for storage until production is completed.

Delays which arise because the signing samples are not produced at the right time, or are not in accordance with the requirements, are the responsibility of the contractor.

If a production sample which includes deviances has been approved, this still does not give the Contractor any exemption from the requirements in the different standards, stated in the contract. To be able to use deviances from specified requirements in the production, the Contractor must fill in and send application form 5353 "Application for acceptance of deviation permit/concession" for approval. The form can also be enclosed with the production sample.

With delivery to more than one consignee, the Certificate of Conformity, approval notification and packing lists must be issued to each consignee.

Material which is rejected must be marked and stored separately. (Locked storage). Usage of this material is not permitted for any purposes during the contract duration except after consultation with the Defence.

Rejection is final, and rejected material cannot be presented again in later deliveries to the Defence. Labels and markings must be removed from the material.

1.3. Sub-contractors/true producer

If the contractor is not the actual producer, the contractor must bind the true producer to fill the technical/organizational requirements, which are stated in this Defence Standard, and in other specific Defence Standards as well as the contract.

The producer must accept the Defence quality assurance or quality assurance authorized by the Defence.

2. REFERENCES/ RELEVANT DOCUMENTATION

AQAP 2120	NATO Quality Assurance Requirements for Production
AQAP 2130	NATO Quality Assurance Requirements for Inspection and Test
AQAP 2131	NATO Quality Assurance Requirements for Final Inspection
ISO 2859	Sampling procedures for inspection by attributes
Form 5303	Application for acceptance of deviation permit/concession

Please see the additional requirements and test methods described in the product specifications.

3. QUALITY CONTROL/QUALITY ASSURANCE

3.1. The Contractors' quality control

3.1.1. Quality control plan

The Contractor shall carry out quality control according to the contract/purchase order. If quality control is required according to AQAP 2120 or AQAP 2130, a quality plan should be prepared; assuring the assignment is carried out according to contract. The quality plan will be reviewed by the appointed Quality Assurance Authority (QAR). Production is not permitted to start before the quality plan is reviewed by the QAR. It's the responsibility of the Contractor to keep the quality plan up to date at all times. The Contractor may request the Defence to evaluate and approve his general quality assurance system for a period of two years. The quality plan may then be limited to the specific requirements for the products, and applies together with the approved quality assurance system.

Only material which is in accordance with the contract and the specifications shall be submitted to the QAR. The contractors' documentation of contract performance shall be in accordance with the quality plan.

In the event that the QAR discloses deficiencies in the manufactured material, further manufacture of the material with this deficiencies is at the contractors own account and risk.

3.1.2. End rapport

The contractor must send a final report when such a requirement is included in the contract/purchase order. The report may include:

- Information on possible difficulties that has arisen during the production.
- Suggestions for improvement and changes to the product, the technical specifications, or alternative products meeting the same purpose.
- New guide lines within the technical developments which may be of relevance for future procurements of the supplied product.
- Details regarding administration, labelling, packaging, packing, shipping, delivery time etc. which are connected to the delivery, and which would benefit from changes.
- Information and proposals to the user regarding methods of storage, handling, repair methods, interchange ability etc.
- Other factors of interest.

3.2. Certificates/ Lab rapports

If the fulfilment of the technical properties is required to be documented with the aid of certificates these must be obtained and presented to the appointed QAR on request. The subcontractor should submit certificates/ lab rapports for each order or partial delivery. The presentation of certificates does not exclude a subsequent control of material carried out by the appointed QAR. Please see the demands and test methods given in the product specifications.

3.3. The Norwegian Defence Quality Assurance

The QAR will review the contractor's documentation to make sure that all items in the quality plan are covered. Random work sample controls carried out can, amongst other, be according to ISO 2859. The AQL (Accepted Quality Level) will be stipulated by the appointed QAR, if not already specified in the contract.

The partial deliveries presented must be of such an extent that control carried out by the appointed QAR is economically justifiable.

Materials controlled and approved by the contractors' quality control shall be packed and marked according to the contract/order, and stored.

The appointed QAR has the right to pick out materials and/or products which are necessary for laboratory tests or other destructive testing. The costs of this materials and/or products shall be on the contractor's expense.

The Defence testing of materials will be performed as quickly as possible for the above mentioned materials and/or products. The testing itself will be paid for by the Defence. A neutral test institute, approved by the Defence, can be given the task of carrying out the laboratory tests, if the contractor covers the cost.

If products which have been rejected are controlled again by the appointed QAR, at the request from the contractor, the contractor is charged with all expenses for this extra control. The expenses shall be based on the Government travel regulation.

The contractor may be charged with all expenses, if the contractor is responsible for an appointed control not being able to take place.

In a contract/order where the Norwegian Defence is supplying the fabric, it is the responsibility of the appointed QAR to make sure fabric settlements are in accordance with given regulation.