Textiles / TX-09

Quality laboratory and batch certificate

Linking test results to batches and issuing documents as soon as a buyer requests them.

The test has been done. Now it needs to be linked to the batch.

Plans for 2026 include setting up a modern textile laboratory able to analyse finished-product quality across 24 areas. A laboratory result supports exports only when it is linked to a batch.

Conceptual architecture. No operating results are shown.

01 Sample	Batch · Roll · Time
02 Test	Parameter · Specification · Result
03 Batch	Release · Warehouse · Shipment
04 Document	Certificate · Buyer · Archive

At a glance

24 — Analysis areas of the planned textile laboratory. [1]

100 — New enterprises to be brought into exporting in 2026. [1]

$2.4 bn — Textile exports, January–September 2026. [2]

November 2026

01 Evidence and context

Who it is for

Head of Quality	Tests.
Laboratory	Results.
Export	Buyer documents.
CEO	Claims.

Facts and global practice

Textile industry presentation

A modern textile laboratory able to analyse finished-product quality across 24 areas will be set up. [1]

Textile industry presentation

Plans for 2026 include bringing 100 new enterprises into exporting. [1]

National Statistics Committee

Textile exports in January–September 2026: $2.4 bn, +28.1%. [2]

For new exporters, quickly providing test documentation together with the batch is a key part of buyer trust.

Results in Excel

Test results are not automatically linked to the batch number.

Sample traceability

It is unclear which roll or batch the sample was taken from.

Late documents

Finding the documents for a buyer request takes several days.

Repeat testing

The same batch is tested twice.

How the loss is calculated

Claims	claims per month × amount per claim
Search	requests per month × search hours per request
Repeat testing	repeat tests per month × cost per test
Delay	delayed shipments per month × days of delay

Illustrative calculations; establish the baseline, units and rates during the site assessment. Avoid counting the same loss twice.

03 Solution architecture

Result → batch → shipment

The laboratory result is linked to the batch and stored together with warehouse and shipment data; the buyer document is prepared automatically.

01 Sample

Batch · Roll · Time

02 Test

Parameter · Specification · Result

03 Batch

Release · Warehouse · Shipment

04 Document

Certificate · Buyer · Archive

Modules

Laboratory logbook	Result and specification	Engineering capability
Batch passport	Automatic document	Engineering capability
Warehouse (WMS)	Batch and location	Commercially available
1C integration	Shipment	Commercially available

Each module has a readiness status. Third-party results are not a forecast for your site.

04 Implementation and measurement

01 Quality audit

Laboratory process.

Output: gaps.

02 Pilot

One product.

Output: batch passport.

03 Scale-up

All products.

Output: full chain.

04 Subscription

Monthly.

Output: trend.

What is measured

Document time	From request to document	System
Linked results	Share	System
Claims	Count	System
Repeat tests	Count	Laboratory

What is needed to start

- Head of Laboratory
- Test specifications
- Batch procedure
- Test access to 1C

05 Readiness checklist and next step

01 Is the result stored with the batch number?	Yes / No / Unknown
02 Is it known which roll the sample was taken from?	Yes / No / Unknown
03 Is the time (in hours) to fulfil a buyer request recorded?	Yes / No / Unknown
04 Are deviations from specification flagged automatically?	Yes / No / Unknown
05 Are there repeat tests?	Yes / No / Unknown
06 Does the certificate accompany the shipment?	Yes / No / Unknown
07 Is the archive retention period (in years) defined?	Yes / No / Unknown
08 Are external laboratory results also linked?	Yes / No / Unknown
09 Are claim statistics kept?	Yes / No / Unknown
10 Is there a designated responsible person?	Yes / No / Unknown

What we do not promise

• Exact timeline and price without an audit

• Guarantee of meeting buyer requirements

• Certification

• Unmeasured results or savings

Quality audit

We review the chain from laboratory to buyer.

• Gap map

• Pilot plan

• Implementation fee and monthly subscription

Scope, price and schedule are agreed after reviewing the site and its data.

06 Sources and scope

[1] Presentation on the textile industry's 2025 results and 2026 objectives. gov.uz, 24.12.2025.

gov.uz

[2] National Statistics Committee: textile exports, January–September 2026. kun.uz, 30.10.2026.

kun.uz

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