Building materials / QM-01

From exchange contract to loading

Load every tonne sold on the exchange on time, with queue management, weighbridge data and documents.

Sold. Now it has to be loaded on time.

At least half of cement must be sold through the exchange. Failing to load on time under an exchange contract is no longer just a delay: there are cases in which the competition authority has treated it as a violation of law.

Conceptual architecture. No operating results are shown.

01 Contract	Exchange contract · Volume and deadline · Buyer
02 Queue	Truck and driver · Entry time · Gate
03 Loading	Truck weighbridge · Camera · Loading order
04 Document	ESF + ETTN · 1C · Remaining volume report

At a glance

at least 50% — of cement volume must be sold through the exchange; the requirement has been extended to 01.01.2028. [3]

26.6% — Share of cement offered on the exchange that was sold on 1–7.12.2025, according to UzRTSB. [2]

12.1 million t — Cement produced by large enterprises in January–July 2026. [7]

November 2026

01 Evidence and context

Who it is for

General Director	Exchange obligations and penalty risk.
Commercial Director	Remaining volumes and deadlines under contracts.
Head of Dispatch	Queue, loading and weighbridge.
Chief Accountant	ESF + ETTN and 1C accounting.

Facts and global practice

Presidential Decree (UP-269)

At least 50% of cement must be sold through the exchange; the requirement applies until 01.01.2028. [3]

Competition Committee

A large cement plant was penalised for failing to load on time under contracts concluded at exchange trading; the appeals board upheld the decision without change. [4]

Anhor.uz

A UZS 4.9 billion penalty was imposed on one plant for bypassing exchange trading. [1]

UzRTSB

On 1–7.12.2025, 423,094 t of cement was offered on the exchange and 112,491 t (26.6%) was sold. [2]

Anhor.uz (Uzpromstroymateriallar)

In 2024, industry capacity utilisation did not exceed 46%. [1]

Norma (buxgalter.uz)

The combined ESF and ETTN document is issued through electronic document operators. [5]

The cement market is oversupplied: exchange offers exceed sales. In these conditions, on-time loading and correct documents are what retain buyer trust.

02 Where the losses occur

Remaining volume is not visible

How much has been loaded and how much remains under each exchange contract is calculated manually.

Queue managed by phone

It is not known in advance which contract each truck is coming for or when it will arrive.

Weighbridge is isolated

Weighing results are not automatically linked to the contract and documents.

Documents are delayed

ESF + ETTN are prepared manually after loading; errors lead to reissued documents.

How the loss is calculated

Penalty risk	number of late contracts × applicable penalty per contract (UZS)
Truck waiting	waiting hours per truck per day (h/day) × number of trucks × cost per hour (UZS/h)
Late tonnes	tonnes loaded after the deadline (t) × price (UZS/t)
Document errors	number of reissued documents × time spent per document (h)

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

03 Solution architecture

One chain from contract to document

The exchange contract enters the system, the truck is booked into the queue, the weighbridge links the weight to the contract and the document is generated automatically.

01 Contract

Exchange contract · Volume and deadline · Buyer

02 Queue

Truck and driver · Entry time · Gate

03 Loading

Truck weighbridge · Camera · Loading order

04 Document

ESF + ETTN · 1C · Remaining volume report

Modules

Exchange contracts and dispatch plan	Remaining volume, deadlines, alerts	Engineering capability
Queue and gate	Truck registration and call-in	Engineering capability
Truck weighbridge integration	Weight, camera image and contract in one record	Engineering capability
ESF + ETTN and 1C exchange	Documents generated from loading data	Commercially available

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

04 Implementation and measurement

01 Dispatch audit

Review of the contract, queue, weighbridge and documentation process.

Output: map of break points.

02 Pilot at one gate

One gate and one weighbridge for 30 days.

Output: remaining volume report by contract.

03 Scale-up

All gates and loading points.

Output: entire dispatch process in the system.

04 Subscription

Monthly reporting and support.

Output: deadline and waiting time trends.

What is measured

On-time loading	Share of contracts loaded by the deadline	System
Waiting time	From gate entry to exit	Queue, camera
Remaining volume accuracy	Difference between system and accounting	System, 1C
Document time	From weighing to ESF + ETTN	System
Reissued documents	Number of corrected documents	Document log

What is needed to start

- A person responsible for dispatch
- List of exchange contracts
- Weighbridge type and connectivity options
- Test access to 1C

05 Readiness checklist and next step

01 Is the remaining volume under each exchange contract visible instantly?	Yes / No / Unknown
02 Is anyone alerted when a contract deadline is approaching?	Yes / No / Unknown
03 Is the truck queue known in advance?	Yes / No / Unknown
04 Is the weighing result automatically linked to the contract?	Yes / No / Unknown
05 Are the licence plate number and weight stored in one record?	Yes / No / Unknown
06 Is the time from loading to a completed ESF + ETTN recorded?	Yes / No / Unknown
07 Are documents being reissued?	Yes / No / Unknown
08 Does the 1C remaining balance match dispatch?	Yes / No / Unknown
09 Is truck waiting time at the gate known?	Yes / No / Unknown
10 Is there a person responsible for dispatch?	Yes / No / Unknown

What we do not promise

• Firm timeline and price without an audit

• Exchange rules and government decisions

• Repair of plant equipment

• Unmeasured results or savings

• Exchange trading results

Dispatch audit

We review the chain from exchange contract to document and show where delays occur.

• Map of break points

• Pilot plan for one gate

• Implementation fee and monthly subscription

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

06 Sources and scope

[1] Anhor.uz, «Xitoy sement buumi: soha inqiroz yoqasida» (“Chinese cement boom: industry on the brink of crisis”), based on Uzpromstroymateriallar and statistical data, 04.02.2026.

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[2] UzRTSB (Uzbek Republican Commodity Exchange) press release: cement trading on the exchange, 1–7.12.2025. uzsm.uz, 10.12.2025.

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[3] Presidential Decree UP-269 of 20.12.2025 (extension of the exchange trading requirement). spot.uz, 09.01.2026.

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[4] Decision of the Committee for the Development of Competition and Protection of Consumer Rights. spot.uz, 22.10.2026; uza.uz.

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[5] «ESF va ETTN birlashtirilgan hujjatini rasmiylashtirish» (“Issuing the combined ESF and ETTN document”). buxgalter.uz (Norma), 11.08.2026.

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[6] Meeting on the modernisation programme for building materials enterprises. anhor.uz, 2026.

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[7] National Statistics Committee: cement production, January–July 2026. stat.uz, 2026.

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