Simplified SES

Structural Equivalency is now a function of the portal. The math runs while the team types, every proof sits next to the value it proves, and the scrutineer review starts from a triaged list instead of a workbook.

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Where the workbook stopped

Five things the SES workbook could not do

01 **Nothing could be automated**

Every value typed by hand, every check re-read by hand.

02 **The template arrived late — with bugs**

Teams lost weeks, and a fix meant redistributing the file.

03 **A spreadsheet cannot react**

No guidance, no state, no reaction to what the team just entered.

04 **E-mail round-trips for every correction**

Every correction required another e-mail round-trip.

05 **Three tools for one document**

Workbook in Excel, submission through the FSG site, status in a Google Sheet.

> **Because we don’t have enough people, we need to automate it.**

What review costs today

Across the season, before anyone has re-reviewed anything.

250

submissions to review every season

4–6h

for the **first** pass on a single SES

~1 250

scrutineer hours a season, before a single re-review

SES lives in the portal

One document, one status, one place.

One document, one status

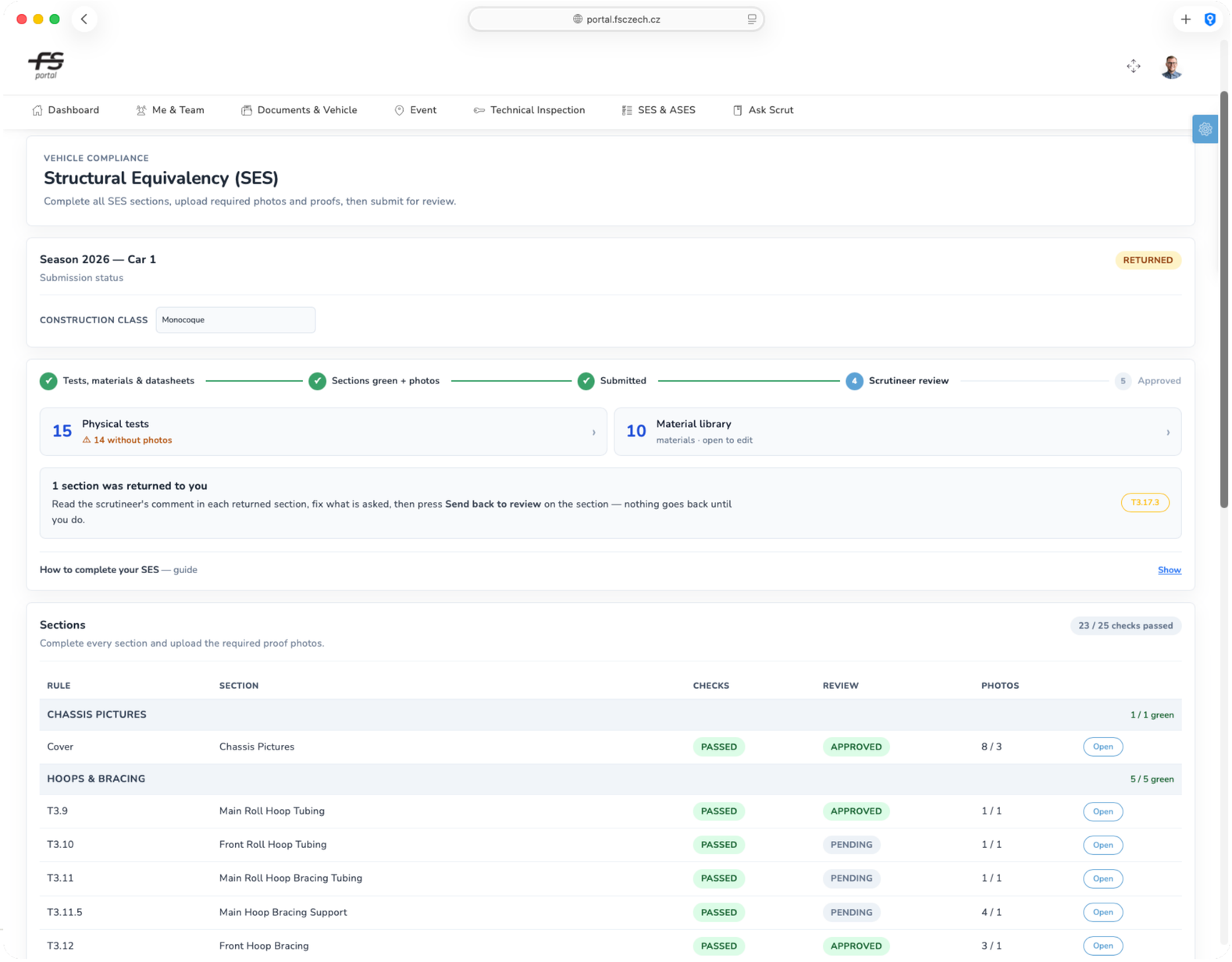
Season, car and construction class on top; the submission state is the page, not a cell.

The team knows what is missing

Tests without photos, materials without a datasheet, sections not yet green — counted, not guessed.

Existing workbooks can be imported

Nobody starts from an empty form; last season's file is a valid starting point.



The math runs while you type

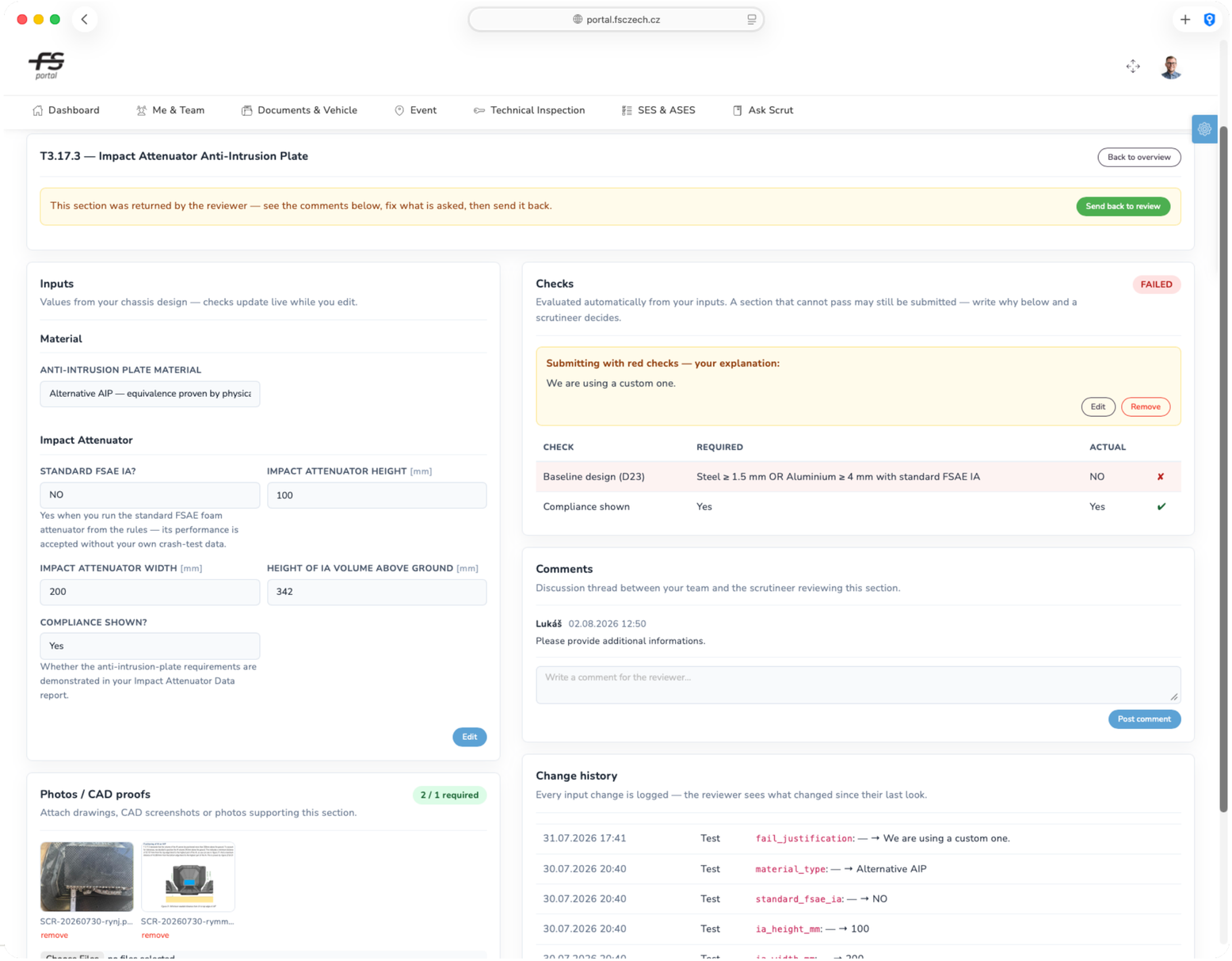
Section form — inputs left, live checks right.

Calculations with FSG Excel parity

Teams cannot tamper with a check, reviewers never recalculate one.

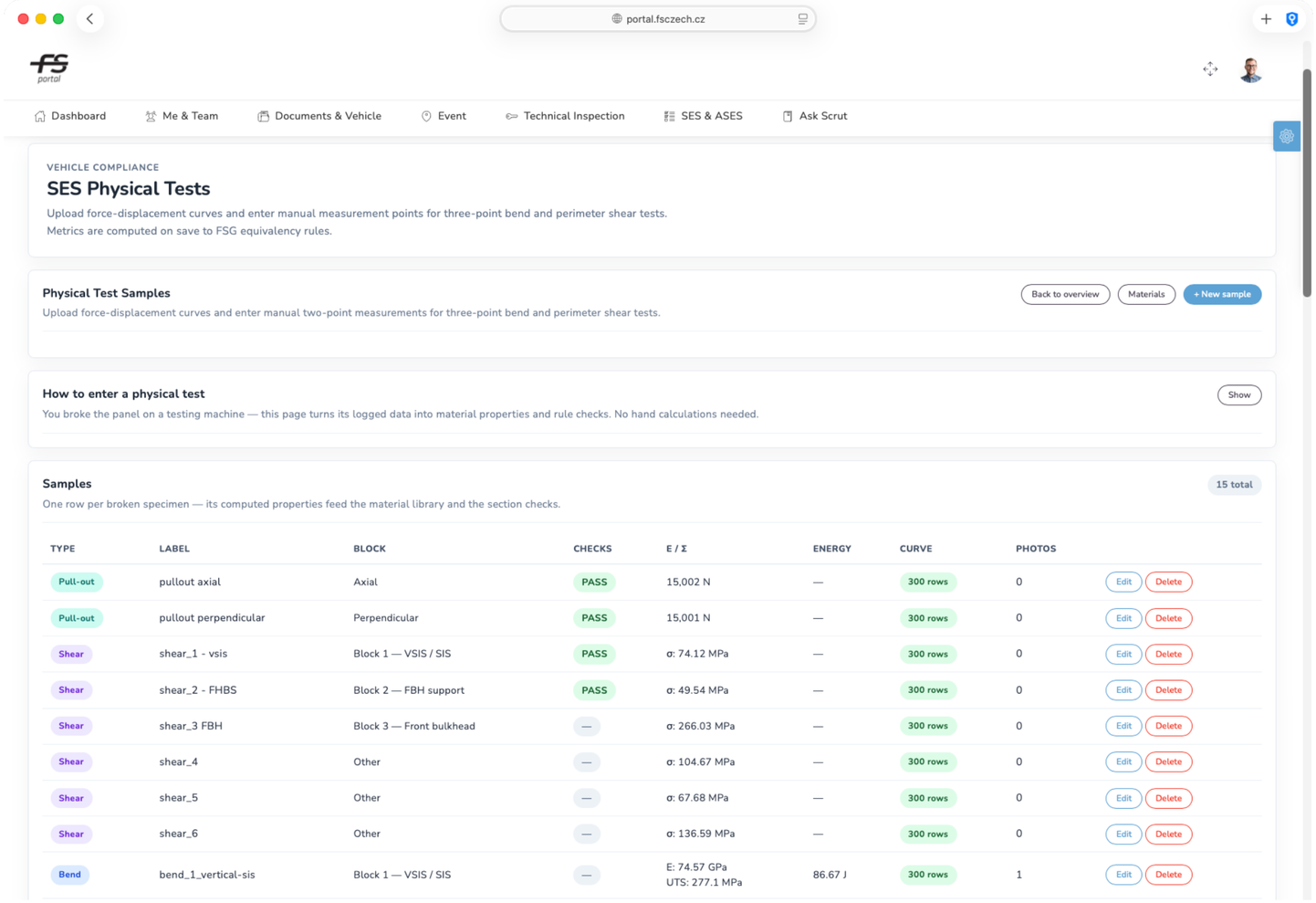
Red is allowed

A failing section can still be submitted with a written explanation, on the section itself.



A tested panel becomes a material

Physical tests and the material library, computed on save.



Upload the curve

Force–displacement data straight from the testing machine, plus the two manual measurement points.

Properties are computed

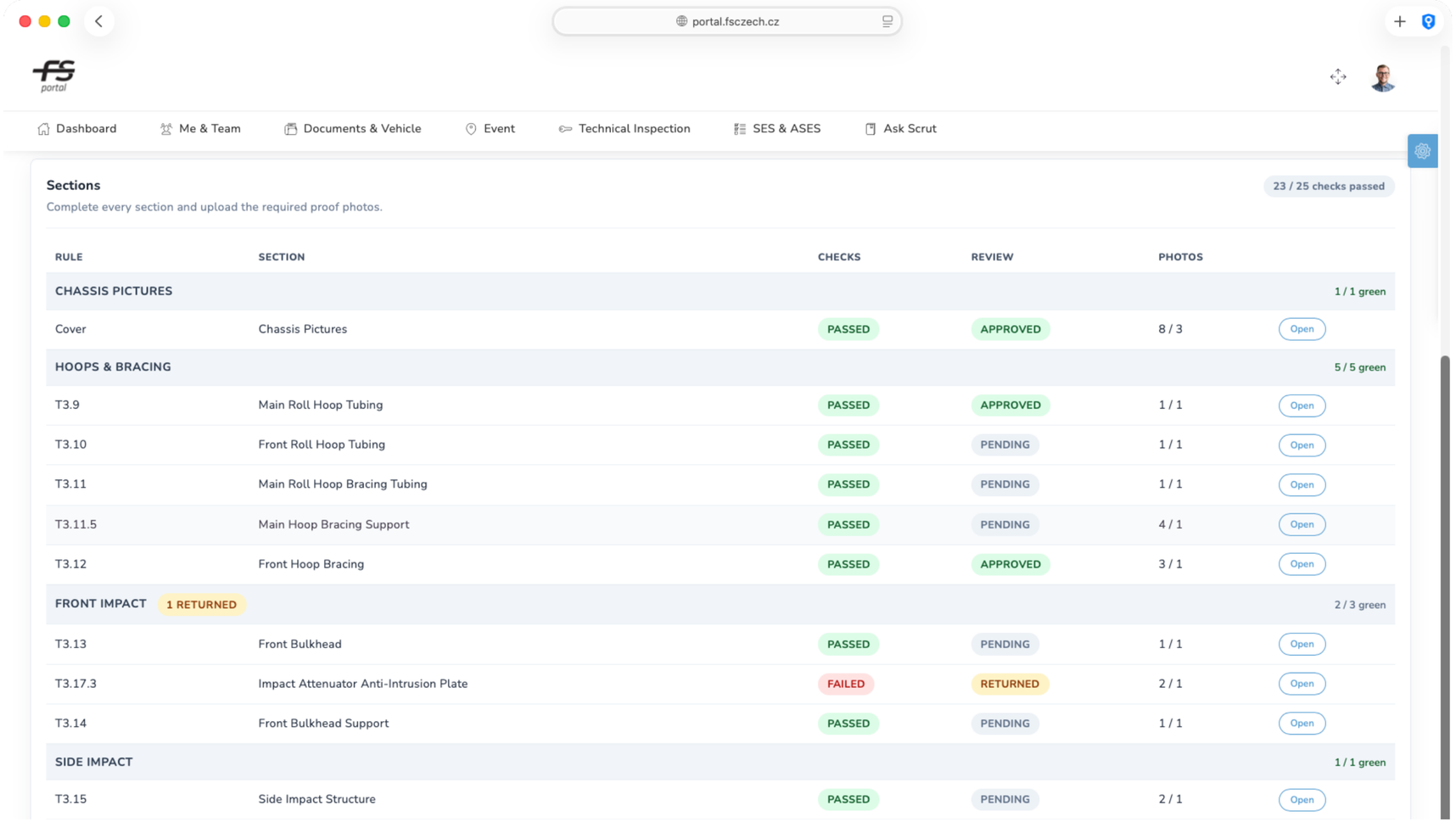
Gradient, I, E, UTS, shear and absorbed energy — derived on save to the FSG equivalency rules.

The library feeds every section

A material with its datasheet appears in the dropdown of every form — declare once, reuse everywhere.

No more tracking sheet

Every T-rule of the document, with its state.



Returned sections unlock themselves

The team fixes what was asked, saves, and sends it back for review.

Rule by rule, in one place

Checks, review state and the photo count for every section.

Review starts already triaged

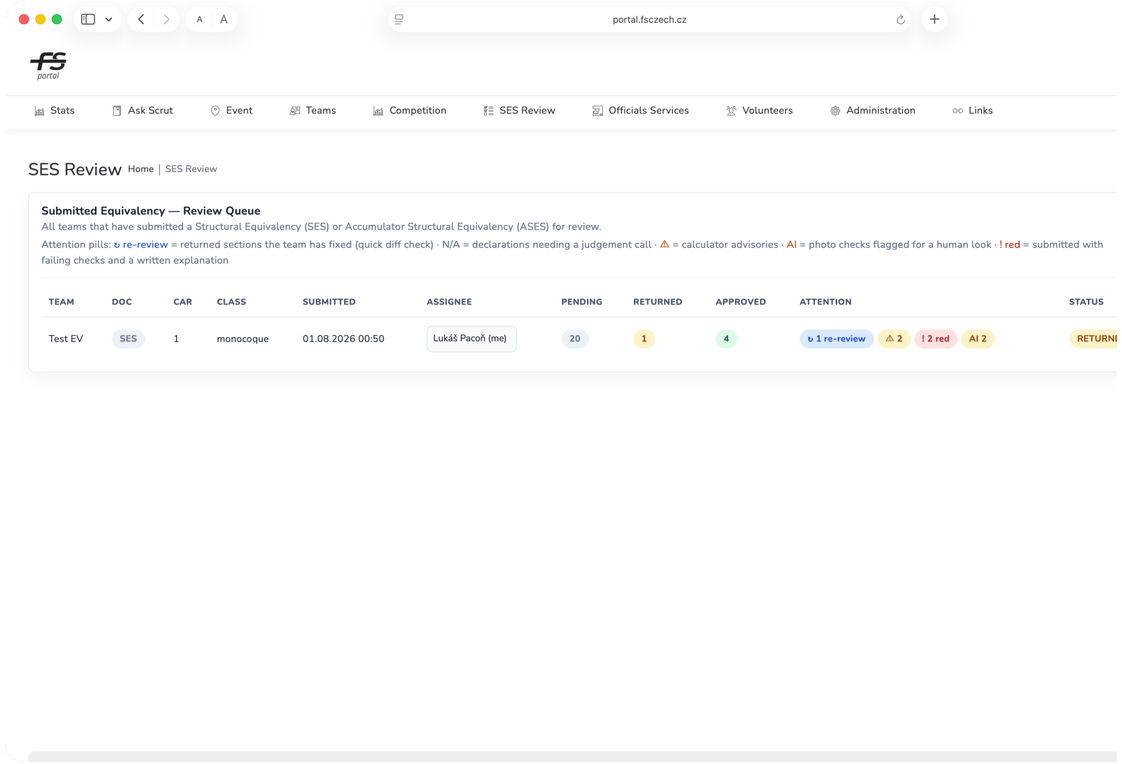
The scrutineer side of the same document.

A queue with attention pills

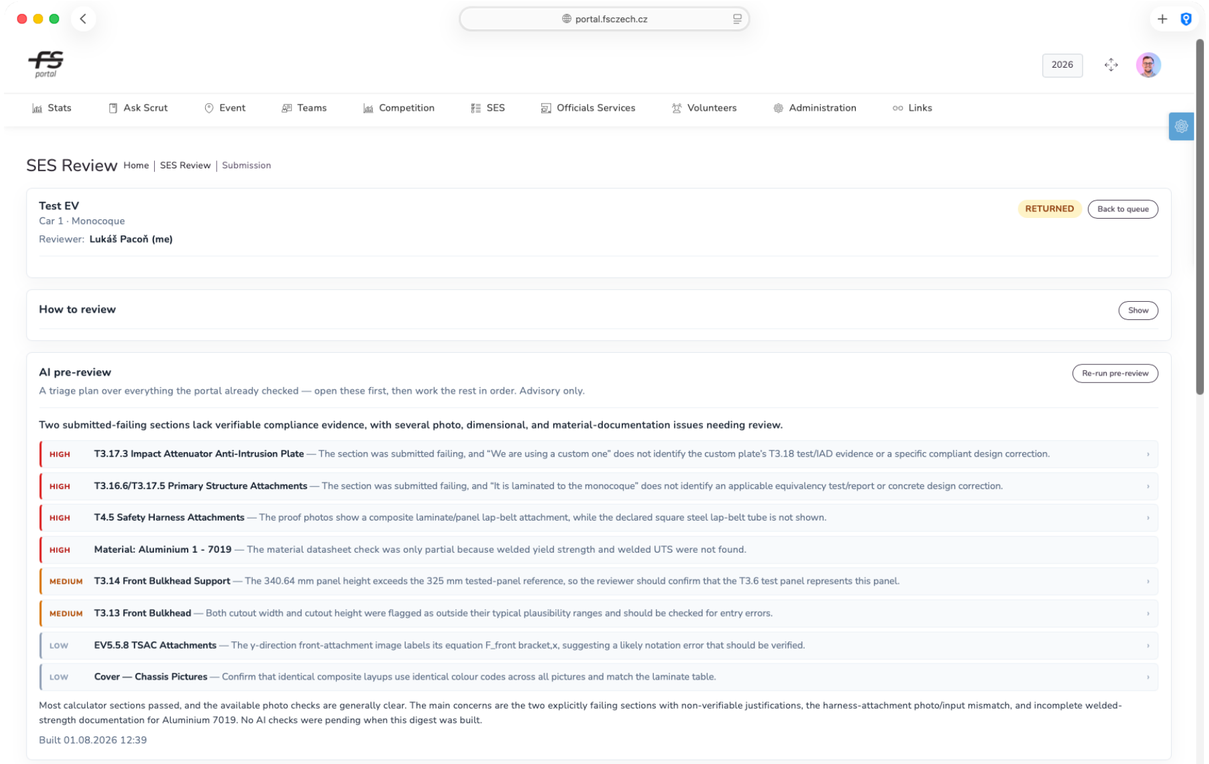
Re-reviews, N/A declarations, red-with-explanation and AI flags, counted per submission.

AI pre-review is advisory

It proposes an order and cross-reads photos and datasheets. Judgement stays with the reviewer.



REVIEW QUEUE



AI PRE-REVIEW

FSCZECH

FSCzech switches. Others can join

What the change touches — and what it deliberately does not.

The rules do not change

FSG equivalency rules, FSG parity on every formula. Your process stays; only the carrier changes.

Who runs it

FS Czech operates and maintains the portal. For a joining event there is no licence and no infrastructure to set up. You will pay only for AI if you want to.

Each event stays in control

An event gets an admin account, creates its reviewers, decides who sees SES or ASES, and picks its own start list. Its reviewers see its teams' documents — nothing else.

This is where SES runs from 2027

It’s open for everyone

portal.fsczech.cz

Lukáš Pacoň · Head of TI, FS Czech

NOW	**Testing with real submissions** Open to anyone who wants to try it.
OCTOBER	**Available to teams** Workbook import included, so a team can start from last season's file.
SEASON 2027	**SES runs here for FS Czech** Other events welcome to run alongside — the same document, your own reviewers.
ASK	**Tell me what would block you**