

PLANNING A PRODUCT TESTING PROGRAM

Plan testing around the decisions and claims you need to support. Agree the intended use, test basis and acceptance criteria before booking a laboratory so that the resulting evidence is useful to support your compliance pathway.

START HERE >>>

1 Define the decision

List the intended applications, required performance and claims. Separate development testing from testing intended to support compliance or certification.



2 Map requirements and existing evidence

Record the applicable NCC provisions, standard editions and assessment pathway. Review existing evidence and identify genuine gaps before commissioning further tests.



3 Select representative specimens

Define product families and justify the critical configurations for each performance mode. The thinnest or largest specimen is not automatically the worst case for every test.



4 Agree the test plan

Confirm method, specimen numbers, dimensions, conditioning, measurements, fixtures and acceptance criteria with the laboratory and technical assessor. Confirm accreditation scope for the exact method and intended report status.



5 Prepare and run the program

Allow for procurement, curing or conditioning, shipping and laboratory availability. Record sample batches, construction details and photographs. Document deviations and agree their effect before proceeding.



6 Review results and close the loop

Review full reports against acceptance criteria. Record failures and limitations, agree investigation or retesting, and update claims, manuals and design tools only after technical approval.



TESTING PLAN WORKSHEET

Complete one record per test or test series. Attach a specimen schedule and marked-up construction drawings for system testing.

Planning field	Planning field description
Claim or intended application	
Requirement and acceptance criterion	
Method and standard edition	
Existing evidence and remaining gap	
Product variants and selection rationale	
Specimen quantity and configuration	
Conditioning and sample traceability	
Laboratory and relevant accreditation scope	
Report status and assessor acceptance	
Cost including samples freight and retesting	
Booking date and expected report date	
Owner, reviewer and authorising person	

BEFORE BOOKING

Confirm the plan is accepted by the relevant technical reviewer; the sample set represents the intended coverage; costs and lead times are understood; and there is a documented response to failure. Keep a retest allowance appropriate to the uncertainty.

TAKE THE NEXT STEP

SMD Consulting can help review your evidence, define the compliance pathway and coordinate testing and technical documentation.

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This is a planning aid only. Confirm product-specific NCC, jurisdiction, standards and evidence requirements with your technical assessor. This checklist does not establish compliance.