

MOULD TOOLING - TRIAL STAGES

A mould trial forms part of the customer approval process when one of the following actions takes place: -

- A new development tool is manufactured
- A new modular insert system is manufactured
- A new production mould tool is manufactured
- An existing tool is modified due to a change to the product design
- An existing mould tool is repaired or serviced

DEFINITION OF TRIAL TERMINOLOGY

T0: INITIAL TRIAL

Performed for benefit of the toolmaker and moulder
Functional check of the tool
Check for moulding defects and to set initial process parameters
Full visual and dimensional review
Report completed to advice of any further actions required
Customer is not usually present or has sight of samples unless no issues are identified

T1: FIRST FULL TRIAL

Performed after tool corrections are made resulting from T0 stage
Functional check of the tool
Check for improvements to moulding defects
Optimise the full process
Full visual and dimensional review including First Article Inspection Report (FAIR)
Customer may be present if the moulder is confident of a successful outcome
Parts and FAIR report sent to customer for approval/comment

T2: SECOND FULL TRIAL

Performed after tool corrections are made resulting from T1 stage
Visual and dimensional review of issues identified
Documentation updated with findings
Parts and FAIR report sent to customer for approval/comment

[T3; T4; T5, etc a continuation of T2 trail if required]

