

Inspection & Testing

It is the supplier's responsibility to ensure product assurance by using all necessary controls through out the process up to and including delivery to CPL. CPL may nominate the stages at which inspections & tests are to be performed. They may be defined in a Purchase Order and/or product manufacturing instructions or other appropriate media. Where a supplier compiles their own Manufacturing Process Control documentation, it must make due consideration of any Key Characteristics, identified in CPL documentation. The purpose of such processes is to ensure material/product conformity during manufacture. A record of inspection & test details to be maintained as part of traceability requirements.

For special processes (plating, painting, heat treatment, welding etc.) the supplier's process controls come into play. Test pieces or sacrifice pieces or process test results are examples that could be used to verify production batch control.

It is the suppliers responsibility to demonstrate process control thus product conformity.

A record of these activities and inspection results shall be maintained. Effective traceability records to be ensured from base material conformance through to despatch documentation.

CPL have occasions to compile First Article Inspection Reports (FAIR's) for our customers, these reports may in turn require a supplier to compile such a report to support CPL's FAIR. FAIR's to be compliant with AS9102 by structure & layout. The measured part to be taken from the first production run and is representative of all parts. The report to include all relevant details (die/mould number etc.), tests (mechanical/electrical, non-destructive etc.), and visual, functional and sub tier supplied elements.

The request will be identified in CPL's quote request &/or PO. If assistance is required to compile the report please contact CPL's Quality department for guidance.

NOTE: Regardless of approval status the supplier is responsible for ensuring product compliance to drawing/specifications.