

EOAT MACHINING

Redacted FAI Report Sample

First Article Inspection format for EOAT machining programs

SAMPLE FORMAT - NOT A PROJECT CERTIFICATE

Purpose

This sample shows the type of fields buyers can request for first article approval. Real reports are generated against the approved drawing, revision, inspection scope, and purchase order.

Typical Header Fields

Customer	REDACTED
Part number	EOAT-ADAPTER-PLATE-001
Drawing revision	REV B
Material	AL7075-T6, buyer confirmed
Finish	Clear anodizing, dimensions reviewed after finish when specified
Inspection basis	2D drawing + marked CTQ feature list

Example Inspection Table

Feature	Requirement	Method	Result	Status
Robot-side bore	Ø50.000 +/-0.020 mm	Dimensional check	50.006 mm	Pass
Dowel hole position	+/-0.030 mm true position	Dimensional check	0.018 mm	Pass
Mating face flatness	0.050 mm	Surface plate or agreed measurement method	0.031 mm	Pass
Threaded holes	M6 x 1.0, 6H	Thread gauge	Accept	Pass

Buyer Notes

- Mark CTQ dimensions before quotation if FAI or dimensional reporting is required.
- Confirm whether finish changes the final measured dimension.
- Send customer-specific report templates during RFQ if your quality team requires them.

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