

GDLS FAI Frequently Asked Questions | Revision B

1) What do I need to do if I fail the FAI?

Send a copy of the QCS-16 Cover Sheet and QCS-16-2 NC Summary page to your GDLS Buyer and SQA Regional Manager. Let them both know if you can rework the parts or if a SQMR or Waiver/Deviation will be required.

The GDLS Field Rep. will be required to follow up on the audit to close out any open issues and approve the audit prior to shipping any parts.

2) Can I perform repairs to parts if I fail a FAI?

You can perform repairs that are approved by GDLS. Always request repair procedure approval prior to performing any repairs. Any repairs done without GDLS consent/approval may be required to be scrapped.

3) When a feature like a diameter is specified in multiple places (2X, 3X, 4X, etc.) are the measurements required for each location of that feature?

Yes, each feature location is required to have a measurement taken and recorded on the QCS-16-1 Form.

4) When inspecting a part using a cmm, calipers, micrometers or any other inspection device that provides variable data can I list the results on the QCS16-1 page as "PASS" or "FAIL"?

No, when inspecting parts with tooling that gives variable data the actual results should always be given. If variable data isn't recorded the audit will fail and the inspection will need to be done again.

5) If I'm using a GO / NO GO gauge for features like a threaded hole would attribute data be acceptable?

Yes, attribute data would be acceptable in cases like this. The gages will need to be calibrated and you should be able to provide a calibration report to the auditor.

6) When the FAI process gets implemented April 1, 2020 will I need to redo parts that have approved FPI's using this new format?

No, parts that already have approved FPI's will be grandfathered in and will continue with the delegation process. If any changes take place then the new audit will be done using the FAI format.

7) If I have an assembly drawing that contains standard catalogue items or commercial off the shelf (COTS) parts do I need to complete the QCS-16, QCS-16-1, QCS-16-2, and QCS-16-3 forms for these parts?

No, the parts can be approved with a C of C. This information will be recorded on the QCS16-3 Materials and Processes Form of the assembly it resides. COTS parts will be required to meet the definition found in the GDLS FAI Guide.

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- 8) What forms do I have to fill out if I have a standard catalogue item (e.g. MS, ISO, DIN, part numbers) but the GDLS PO has quality clause QY11?

You will be required to have the QCS-16, QCS-16-2, & QCS16-3 completed for the FAI. Approval of the audit will require the review of a C of C from the manufacturer of the parts.

- 9) If I have a standard catalogue item or a COTS part that has been modified will I have to complete all of the FAI forms?

Yes, any modified standard catalogue item or COTS parts will need to have the QCS-16, QCS-16-1, QCS-16-2, & QCS16-3 completed for the FAI. Documentation will be required for all of the modifications made.

- 10) Do I have to show the auditor the results of any qualification testing (e.g., temperature, humidity, electromagnetic interference, vibration, etc.) during the FAI?

No, the results of qualification testing should be provided to GDLS Engineering. If all of the testing has not been approved a TRA/Ship Prior to Test (SPT) approval document will be needed. You will receive this document from your GDLS Buyer and the PO will also be updated to include the TRA/SPT number. The TRA/SPT is good for a specific quantity of parts and you cannot ship any more than the stated amount without passing qualification testing.

- 11) If I have a Source Controlled print and I buy the parts from the approved source of supply, can I use the C of C from the manufacturer of the part along with a catalog page if all of the data on the ballooned drawing is captured within these two documents?

Yes, that would be acceptable. You will still be required to have the QCS-16, QCS-16-1, QCS-16-2, & QCS16-3 completed for the FAI.

If these documents do not cover all of the requirements you may need additional inspection/test reports.

- 12) If I have a Vendor Item Controlled Drawing (VICD) and I buy the parts from the recommended source of supply, can I use the C of C from the manufacturer of the part along with a catalog page if all of the data on the ballooned drawing is captured within these two documents?

Yes, that would be acceptable. You will still be required to have the QCS-16, QCS-16-1, QCS-16-2, & QCS16-3 completed for the FAI.

If these documents do not cover all of the requirements you may need additional inspection/test reports.

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- 13) When the GDLS Field Service Representative comes to do the FAI will they do spot checking of the data or will they review all of the data for everything in the technical data package (TDP) whether it's a detail part or a large assembly?

The GDLS Auditor will review all of the data for the entire TDP. It doesn't matter if it is a detailed part or a complex assembly.

- 14) I purchased some components about 16 months ago and do not have the dimensional data to support the new FAI process. Can I use these parts or will I need to purchase new parts to meet the new FAI process?

If you cannot provide the supporting data per the FAI Guide you will need to procure new parts or get a waiver/deviation from GDLS to allow the use of the material without the required data.

- 15) Should I balloon and document the results on the QCS-16-1 Inspection Data form when I have a QAP/QAR, GDLS Performance Specification, GDLS Design documents?

Yes, documenting the results as applicable will be easiest to review when the information is ballooned and documented on the QCS-16-1 form. (Remember that qualification testing is not required to be documented on the FAIR.)

- 16) If I'm putting a FAI package together for a large assembly do I need to put a FAI package together for the standard catalog parts or COTS parts which show up in the Bill of Material (BOM)?

No, if standard catalog items or COTS parts are found within an assembly a C of C will be acceptable as a form of part acceptance and the C of C information will be documented on the QCS-16-3 form of the assembly for which it resides.

COTS parts will be required to meet the definition found in the GDLS FAI Guide.

Revision History

20-Oct-20	Rev. B - Update question 7, 8, 16	SJW
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