
SMR Global Supplier Manual Appendix G - Jaguar Land Rover Limited Customer Specific Requirements for suppliers

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SMR Global Supplier Manual - Additional Customer Specific Requirements

Scope of this document

The scope of this document is to ensure compliance to customer requirement by sub-suppliers of SMR Automotive who are supplying for any Jaguar Land Rover project (JLR). This document is listing requirements for these suppliers in addition to standard IATF16949 requirements and in addition to standard SMR requirements.

Responsibility

Suppliers who are supplier for SMR of a component for a JLR product shall meet all requirements listed in this document during the whole project lifetime. This includes but not limited to:

- Regularly check for updates of this document on www.smr-automotive.com
- Ensure availability and awareness of related JLR standards and requirements mentioned in this document
- Ensure requirements are met in their supply chain

1.0 Manufacturing site assessment (IATF section 7.1.3)

Site must meet all JLRQ manufacturing requirements and must use and implement the relevant 'Special Process Checklists' available from the AIAG. These are mandatory for JLR suppliers and/or sub-suppliers who are associated with the special processes (Casting, Coating, Molding, Plating, Soldering, Welding, Heat Treatment or Fasteners.) Issues identified must be addressed in an effective corrective action plan.

The site will use the latest site assessment checklist available on the Jaguar Land Rover Limited Supplier Portal

2.0 Engineering specifications (IATF section 7.5.3.2.2)

Suppliers and sub-suppliers providing heat-treated components are required to meet Jaguar Land Rover Limited Manufacturing Standard W-HTX and demonstrate compliance using the Jaguar Land Rover Limited Heat Treat System Survey Guidelines. To reduce the risk of embrittlement, heat-treated steel components are required to conform with Jaguar Land Rover Limited material specification WSS-M99A3-A.

3.0 Change Management (IATF 16949 section 8.4.1.2)

Tier 1 and Jaguar Land Rover Limited Directed Tier 2 (or lower tier) suppliers to Jaguar Land Rover Limited are required to obtain Jaguar Land Rover Limited approval prior to implementation of any organisation-initiated or supplier-initiated change per the Jaguar Land Rover Limited SREA (Supplier Request for Engineering Approval)

Process. The requirements of section 3.1 in PPAP are met by following the SREA process (the SREA requirements are available through the Jaguar Land Rover Limited Supplier Portal).

4.0 Supplier Evaluation (IATF 16949 section 8.4.2.4)

Suppliers shall have a Supplier Evaluation process to ensure that suitable sub-suppliers are sourced for JLR business in respect to the product and manufacturing processes that will be involved.

5.0 Quality Management/ System Management (IATF 16949 section 8.4.2.4.1)

Supplier has a defined process for managing its supply base including identification of those with a high-impact to quality.

Supplier requires sub-suppliers to have a quality operating system that is similar to IATF16949. Supplier verifies sub-supplier compliance by annual on-site assessment of high impact sub-supplier facilities.

Supplier requires PPAP for all parts from sub-suppliers (regardless of sub-supplier business relationship with Jaguar Land Rover Limited). The PPAP file and PSW records shall be retained for the life of the active part plus 12 calendar years.

Where Jaguar Land Rover Limited has defined an Engineering Specification (ES), or special characteristics that are the responsibility of the sub-supplier, the sub-supplier must show compliance to the ES or special characteristics in its PPAP submission to the Tier One supplier.

Supplier requires sub-suppliers to take specific actions to ensure that all pass-through characteristics are to the customer's specifications.

Supplier must confirm sub-supplier compliance by review and approval of sub-supplier PPAP submission prior to incorporation of product in supplier manufacturing process.

Supplier conducts systematic reviews with sub-suppliers and assures implementation of corrective actions across supplier facilities for all issues resulting in stop ship or field action.

6.0 Risk Analysis (IATF 16949 section 8.4.2.5)

Suppliers shall conduct risk analysis as part of supplier selection in support of the above requirement and as part of ongoing supplier monitoring. This analysis shall consider all factors that may impact on the sub-supplier's ability to meet JLR's quality and delivery requirements.

7.0 Part Approval (IATF 16949 section 8.4.3)

Suppliers shall follow a recognized Advanced Part Quality Planning process for all new parts or process introductions for JLR product and then utilize a Part Approval process that shall be used with all sub-suppliers involved with the design, manufacture and testing of JLR parts. The supplier shall engage with sub-suppliers in accordance with a risk analysis and shall aim to ensure that sub-supplier products and processes meet all supplier and JLR requirements. Suppliers require sub-suppliers to have a process in place that effectively satisfies all PPAP requirements regardless of sub-supplier business relationship with Jaguar Land Rover Limited.

8.0 Cascade of Requirements (IATF 16949 section 8.4.3.1)

Suppliers shall have their own published customer specific requirements equivalent to these JLR minimum requirements that require these requirements to be cascaded down the supply chain from tier 2 to tier n. The supplier shall engage with sub-suppliers to ensure that these minimum requirements are being applied correctly.

History of Revision

No.	Cause of modification	Date	Modifier	Approved
1	First issue	16.12.2017	Judith Robertson	Steffen Dehner
2	Jaguar Land Rover Limited Supplier Technical Assistance Edition 4.4 – May 2019 JLR-MNL-17999 Jaguar Land Rover Limited CSR's for use with PPAP 3.2 24/10/2019	25.10.2019	Horacio del Río	Steffen Dehner
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