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Global Supplier Manual Appendix N – Tesla Customer Specific Requirements for Suppliers

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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 Tesla project. 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 Tesla 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 Tesla standards and requirements mentioned in this document
- Ensure requirements are met in their supply chain

1.0 Supplier Contact Sheet (IATF section 5.3)

A Supplier contact sheet shall be submitted to identify key personnel to be contacted in the event of a quality problem or concern. The contact sheet shall be re-submitted as changes occur.

2.0 Training and Qualification of Team Members (IATF 16949 section 7.2)

All training necessary to meet Tesla objectives shall be completed by the first off process trial. The supplier should develop a method for documenting team members' progress and capability.

3.0 Record Retention (IATF 16949 section 7.5.3.2.1)

Ensure control and retention of documentation regarding regulatory compliance for the time periods required by specific regulations (up to 30 years after end of production in some cases).

4.0 Engineering Specifications (IATF 16949 section 7.5.3.2.2)

Where applicable to their business, suppliers shall maintain the latest revisions of the standards shown below. Applicable assessments must be conducted annually at a minimum and the results made available to Tesla.

1. AIAG - Advanced Product Quality Planning (APQP) and Control Plan
2. AIAG - Failure Mode & Effects Analysis (FMEA) Reference Manual
3. AIAG - Measurement Systems Analysis (MSA) Reference Manual
4. AIAG - Production Part Approval Process (PPAP)
5. AIAG - Statistical Process Control (SPC)
6. CQI-09 - Heat Treat System Assessment
7. CQI-11 - Special Process: Plating System Assessment
8. CQI-12 - Coating System Assessment
9. CQI-15 - Welding System Assessment
10. CQI-17 - Special Process: Soldering System Assessment
11. CQI-23 - Molding System Assessment

5.0 Confidentiality (IATF 16949 section 8.1.2)

The Supplier shall establish a system to manage confidentiality that begins at sourcing decision and continues through the life of the part. Any data, information, or knowledge (general and specific) obtained through activities with Tesla shall be securely controlled, treated with strict confidence, and properly destroyed when no longer necessary. Any breach of confidentiality, or concerns, must be reported to Tesla management immediately.

6.0 Corrective Action (IATF 16949 section 8.2.2.1)

Supplier Sort Marks

“Sort Marks”, or “Part Certification Marks”, used as an indication that an inspection process has been performed, shall be applied and evident on the parts as directed by Tesla. Permission and direction from Tesla as to the shape, location, and color of the mark is required prior to the application of any marks. Tesla approved acceptable markings provide visible verification that a sorting/inspection process has occurred without impact to fit, form, function or cosmetic concerns. This requirement must also be passed on to all appropriate sub-suppliers.

7.0 Monitoring & Measurement of Processes (IATF 16949 section 9.1.1.1)

Capability Study

Capability data (Ppk and Cpk) must be submitted at each trial up to, and including, the initial shipment for SOP. Action Necessary Cpk Ppk Accept Product. Continue to reduce process variation. $\geq 1.67 \geq 1.33$

Accept Product. Increased sampling frequency until stability is re-established $1.33 \leq Cpk < 1.67$ N/A
100% inspection required. $< 1.33 < 1.33$

History of Revision

No.	Cause of modification	Date	Modifier	Approved
1	First issue	16.10.2017	Judith Robertson	Steffen Dehner
2				
3				
4				
5				