

Mercedes-Benz AG Customer Specific Requirements for Suppliers (Tier_n)

Global Supplier Manual - Appendix F

extracted from Mercedes-Benz AG CSR for IATF 16949:2016 – February 2022
<https://www.iatfglobaloversight.org/oem-requirements/customer-specific-requirements/>

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1 Scope of this document

The scope of this document is to ensure compliance to customer requirement by sub-suppliers of MPP who are supplying for any Mercedes-Benz AG project. This document is listing requirements for these suppliers in addition to standard IATF16949 requirements and in addition to standard MPP requirements. In case of difference between standard MPP requirement and Mercedes-Benz requirement, the strongest shall be binding.

2 Responsibility

Suppliers who are supplier for MPP of a component for a Mercedes-Benz AG 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.smp-automotive.com
- Ensure availability and awareness of related Mercedes-Benz AG standards and requirements mentioned in this document
- Ensure requirements are met in their supply chain

3 Customer – Specific Requirements (IATF 16949 section 4.3.2)

Supplier shall be aware, consider and meet Mercedes-Benz AG “**MBST 2020**” requirements, all sections which are interpretable for sub-Tier 1 suppliers.

4 Quality Management System Documentation (IATF 16949 section 7.5.1.1)

Supplier shall be aware, consider and meet **MBST 14/07, section 1** requirements. This is in-line with MPP Global Supplier Manual and also with IATF16949 requirements, stating that sub-Tier 1 suppliers shall develop their Quality System with the ultimate goal of having 3rd party IATF16949 certification.

5 Record Retention (IATF 16949 section 7.5.3.2.1)

In case of Mercedes-Benz related documentation, supplier shall meet **MBST 13/19, section 7**: the storage periods shall be based on VDA Volume 1. Following the discontinuation of series production, the PPA (Production Part Approval) process documents shall be archived for 15 years by the supplier and submitted on request.

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6 Customer – Designated Special Characteristics (IATF 16949 section 8.2.3.1.2)

Supplier shall meet the requirements of **MBST 13/19, section 5, paragraph 9**:

In deviation from industrial standard, the following requirements apply to the DS/DZ characteristics specified in the specification documents (e.g. drawings, CAD data records):

- Short-term process capability $C_{mk} \geq 2.00$
- Long-term process capability $C_{pk} \geq 1.67$

The procedure for special processes shall be as described in MBST14.

Supplier shall meet **MBST 14/07, section 5, paragraph 4, 5, 6 and 7**:

The supplier is responsible for determining and properly defining the special characteristics (e.g. safety, certification, functionally and process-relevant) in accordance with the specifications, requirement specifications or other Mercedes-Benz data, as well as for the suitable optimization of production systems, processes and test methods. If, in the case of a product defect, it is not possible to exclude risk to life or health during use of the product, the supplier shall do everything within its power to exclude the possibility of defective deliveries.

If a product feature cannot be demonstrated with process capability figures, e.g. for specific processes (e.g. welding, heat treatment, casting), proof must be provided by way of secondary features and/or a 100% test must be employed. In such cases Mercedes-Benz can demand that suppliers apply different suitable methods of providing evidence for process security specific to components in series production.

7 Special Characteristics (IATF 16949 section 8.3.3.3)

Supplier shall meet the requirements of **MBST 13/19, section 5, paragraph 9**:
The following themes are defined as part of the sampling planning before the PPA Process:

- >> The documents specific for the sampling scope taking into account table 1 (MBST 2020 MBST 13/19, section 6),
- >> Possible part bundles and
- >> the required number of samples.

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In addition to technical sampling (Q-status), variant sampling (F-status) shall also take place for parts distinguished by supplementary code 2 (colors, languages, etc.).

Product and process characteristics for which capability studies shall be performed shall be coordinated with MPP. Until process capability has been verified, the characteristics shall be tested 100 % by the supplier.

8 Product Approval Process (IATF 16949 section 8.3.4.4)

Supplier shall meet the requirements of **MBST 13/19 complete Production Process and Product Approval section**, if interpretable for sub-tier1 suppliers.

9 Design and Development Changes (IATF 16949 section 8.3.6.1)

Supplier shall meet the requirements of **MBST 13/19, section 4:**

MPP Purchasing department employees responsible for series production approval shall be notified of all production process and product modifications. Unless otherwise agreed, the procedure is according to the following matrix.

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Trigger	Daimler specialist department for the PPA Process	Daimler operative procurement	Daimler logistics
New parts	D		
Product modification* (approved by Development)	D	A	
Production relocation	D	A	A
Production process modification**	D		A
Test process modification	A		
Production stoppage for more than 12 months	D		
Use of new, modified or replacement tools (not applicable to metal cutting tools)	D	A	
Change in 2nd-tier suppliers (Daimler 2nd-tier). In the case of parts with special characteristics (DS, DZ), the above obligation exists up to the supplier responsible for the characteristic.	D	A	
Change in 2nd-tier supplier locations (Daimler 2nd-tier) for deliveries with DS/DZ features.	D	A	
Change in 2nd-tier supplier locations (Daimler 2nd-tier).	A	A	
Modifications in the Partner's purchased parts/primary material/stock	D		
No unconditional series production approval	D		
Failed requalification	D		

*Includes modifications of material as well

** Also includes modifications to the logistical value chain

D = Execution of the PPA Process by the Partner

A = Obligation of disclosure in written form by the Partner to the Daimler specialist department.

Implementation and scope of the PPA Process is decided by the Daimler specialist department.

Within the scope of sampling of new and of modified parts supplier is obliged to set the material data sheets in IMDS. The ID-number for the IMDS data record has to be defined on the initial sample cover sheet and in the corresponding Annex "material data sheets/IMDS". The regulations of MBST 36, especially with regard to "Confirmation of/Adherence to Substance Bans", have to be observed by supplier.

AND in case of required by Mercedes-Benz, supplier shall meet **MBST13/19, section 5, paragraph 7** in addition to MPP Global Supplier Manual PPAP requirements.

10 Customer – Directed Sources (IATF 16949 section 8.4.1.3)

Supplier shall meet **MBST 13/19, section 6, paragraph 3** requirements: Under consideration of the inspections carried out at the supplier's premises in

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accordance with MBST, the inspection carried out at Mercedes-Benz is restricted to the comparison of delivery note data with the goods labels, checking the number of load units and inspecting external transportation damage which is clearly visible on the packaging.

There are no more far-reaching examination obligations for Mercedes-Benz.

Mercedes-Benz and MPP is entitled to participate in inspections, appraisals, reviews or tests carried out by the supplier and its sub-suppliers, to have these observed by third parties authorized by Mercedes-Benz or MPP, or following prior coordination, to conduct such inspections itself on the premises of the supplier and its sub-suppliers or to have these carried out by authorized third parties. Mercedes-Benz and MPP has the right to inspect all development documents (software incl. source code for the purpose of analysis, e.g. ascertainment of metrics) and documentation which accompanies production relating to Mercedes-Benz.

11 Statutory and Regulatory Requirements (IATF 16949 section 8.4.2.2)

Supplier shall meet **MBST 14/07, section 2** complete Legal and Regulatory Requirements for Certifications: The supplier is obliged to meet all legal or regulatory requirements and to take the necessary measures for acquiring and maintaining the necessary product-related and/or location-related certification activities in good time (e.g. application of auditing of production sites/technical tests of parts). The aforementioned requirements are dependent on the market or the markets, for which the deliveries are destined.

The supplier must ensure independently and on his own responsibility, that the related documents (certificates, type approvals etc.) are up to date and valid. The supplier must transfer those documents to MPP on time, without the need of a request by MPP.

The supplier must ensure delivery of parts, which meet all legal or regulatory requirements, over the whole life cycle, i.e. even after the end-of-production (EOP) of the vehicle during the period of spare parts supply – until revoked (incl. recertification).

Upon becoming aware of any change of the production process and/or of the company name and/ or of the address of a production site, also with regard to sub-suppliers, that may have any effect on the validity of the certifications (e.g. relocating production facilities, tools or entire production sites, a change of address, decommissioning of production sites, end-of-life inventories a suppliers or name changes), the supplier shall immediately notify MPP of said change.

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12 Supplier Quality Management System Requirements (IATF16949 section 8.4.2.3)

Supplier shall meet the requirements of **MBST 14/07, section 1, paragraph 2**: MPP will set up its QM system in such a way that its suppliers and their sub-suppliers will also be required to comply with the requirements of this MBST.

13 Identification and Traceability (IATF 16949 section 8.5.2.1)

Requirements of designations are specified by MPP Engineering in an appropriate document, which is in line with **MBST 14/07, section 5, paragraph 8**. Supplier to be aware and meet the requirements of both.

14 Control of Changes (IATF 16949 section 8.5.6.1)

Supplier shall meet **MBST 13/19, section 4** requirements: please see the same requirement listed above, at **IATF 16949 section 8.3.6.1**.

15 Layout Inspection and Functional Testing (IATF 16949 section 8.6.2)

Supplier shall meet the requirement of **MBST 14/07, section 5, paragraph 9**:

The supplier is required to verify annually that its supplies meet Mercedes-Benz and MPP specifications (including dimensions, materials, reliability, regulatory and environmental requirements and production control plan) (requalification).

The supplier evaluates documents and archives the results. These must be made available to Mercedes-Benz and MPP on request. Any deviation from this paragraph must be agreed in writing between the supplier and MPP or Mercedes-Benz.

16 Verification and acceptance of conformity of externally provided products and service (IATF 16949 section 8.6.4)

Supplier shall meet the requirement of **MBST 14/07, section 3, paragraph 1**: Mercedes-Benz is entitled to audit and evaluate the supplier's QM system and quality assurance measures or to have these audited and evaluated by a third party commissioned by Mercedes-Benz. This can take place as part of a review (e.g. Process audits according to VDA 6.3) after prior notification.

As part of its deliveries, the Partner must also enable the auditing of its suppliers and their sub-suppliers by Mercedes-Benz or a third party commissioned by Mercedes-Benz. The Partner consents to assist Mercedes-Benz in identifying weaknesses in the sub-supplier structure. Optimization of

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the weaknesses which are ascertained is the responsibility of the Partner.
Mercedes-Benz can stipulate quality assurance measures.

17 Statutory and Regulatory Conformity (IATF 16949 section 8.6.5)

Supplier shall meet the requirements of **MBST 14/07 section 2**, detailed list of requirement please see above, listed at **IATF 16949, section 8.4.2.2**.

18 Customer Authorization for Concession (IATF 16949 section 8.7.1.1)

Supplier shall meet the requirements of **MBST 13/19, section 5, paragraph 7**, same as described above at IATF 16949 **section 8.3.6.1**.

19 Customer Notification (IATF 16949 section 8.7.1.6)

Supplier shall meet the requirements of **MBST 14/07, section 5, paragraph 2 and 3**: If a PPA process trigger caused by the supplier arises, the supplier shall provide notification of this trigger at least six months prior to planned implementation. In justified, exceptional cases, deviating regulations will be agreed with the MPP department responsible for series production approval. Relocation shall not be permitted in the start-up phase. Notification of relocation shall be issued six months in advance and shall requires approval from Mercedes-Benz and MPP.

Mercedes-Benz and/or MPP shall specify a sampling date to the supplier. The number of sample parts must be agreed upon with the respective MPP contact person for the PPA Process and the sample parts must be delivered free of charge.

20 Regarding Sustainability/Health and Safety

As an employer, the supplier ensures the work safety and health at work within the framework of national provision and supports a continuous development of the working environment.

In line with **MBST 36/12**, in the category working conditions / labor standards, it is important to include also regulations on health and safety at work as an important component of the contract apart from wages and social benefits, working hours, prevention of child labor, free choice of employment, freedom of association and the right to collective bargaining, to ensure that there is a high level of safety and that the working conditions are continuously improved.

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21 Preservation (IATF 16949 section 8.5.4.1)

Supplier shall be aware of Mercedes-Benz requirement **MBST 28/16**, however deliveries made to MPP shall met MPP requirements, described in Packaging and Logistic Appendix of MPP Global Supplier Manual.

22 Change log

Revision	Date	Description
1	30.09.2020	first issue
2	01.03.2021	Carry over in B.A.Se
3	30.07.2021	Layout revised 8.3.2.3 Development of products with embedded software deleted (n.a.)
4	27.01.2022	Update the references from the MBST 2016 to the MBST 2020.
5	20.04.2022	Update the references to the "Mercedes-Benz CSR February 2022"
6	02.09.2022	Format adapted
7	22.09.2022	Changed "Daimler" to "Mercedes-Benz"
8	07.02.2025	Format adapted
9	12.02.2025	Changed SMP to MPP