

PPG Automotive Coatings is a Tier 1 supplier for the automotive industry and as such, we maintain our IATF16949:2016 accreditation.

Per IATF16949:2016 Standard under 8.4.2.3 Supplier QMS Development:

PPG Automotive Coatings suppliers must be ISO9001:2015 certified. If not, a plan to achieve ISO9001:2015 certification must be in place and communicated to PPG. The ISO9001:2015 certification will be a requirement for new business opportunities within PPG Automotive OEM Coatings.

In addition to ISO9001:2015 certification, each supplier must have a plan in place that specifies the intended timeline for further QMS development

- Progression in meeting the Minimum Automotive Quality Management System Requirements (MAQMSR) – **see the Annex I to find the complete document.**
- Following that, progression in meeting all IATF16949:2016 requirements
- And then progression in achieving IATF16949:2016 certification, the ultimate goal as a sub-tier supplier for the automotive industry.

Through PPG second party audits and other interactions with suppliers in 2019, the MAQMSR focus will include the following:

- Control Plans and FMEA
- Process Approach
- Performance
- Internal Auditing (for both ISO9001 and IATF elements)
- Control of Non-Conforming Product
- Part Approval (including Measurement System Analysis and Calibration)
- Management Responsibility

Per IATF16949:2016 Standard under 8.4.2.4 Supplier Monitoring:

PPG Automotive Coatings will monitor the following together with the expectation:

<i>Performance Indicator</i>	<i>Expectation</i>
Delivered product conformity to requirements	100%
Customer disruptions at the receiving plant	None
Delivery schedule performance	As specified by applicable PPG facilities
Number of occurrences of premium freight	< 3 occurrences per year

Individual PPG facilities may have additional performance indicators and expectations.

Per IATF16949:2016 Standard under 8.4.2.5 Supplier Development:

PPG Automotive Coatings will determine the priority, type, extent and timing of required supplier development actions. Inputs will include but are not limited to:

- Performance issues identified through monitoring
- Second party audit findings
- Second party MAQMSR compliance assessment
- Third party certification status
- Risk analysis
- Corrective & preventive actions verification

The schedule for QMS progression for PPG Automotive Coatings suppliers is outlined as follows:

PPG internally supplied resins	MAQMSR compliant by 2021
Toll manufacturing (direct coatings products)	MAQMSR compliant by 2021
Toll manufacturing (others)	MAQMSR compliant by 2022
Melamine resins	MAQMSR compliant by 2022
Surface active additives and UV absorbers	MAQMSR compliant by 2022
All other external raw material suppliers	MAQMSR compliant by 2024

Annex I - MAQMSR for sub-tiers link:

<https://www.iatfglobaloversight.org/wp/wp-content/uploads/2016/12/Minimum-Automotive-Quality-Management-System-Requirements-for-Sub-tier-suppliers-2nd-Ed.pdf>

Extended guidelines for MAQMSR for sub-tiers link:

<https://www.iatfglobaloversight.org/wp/wp-content/uploads/2016/12/Minimum-Automotive-Quality-Management-System-Requirements-for-Sub-tier-s....pdf>