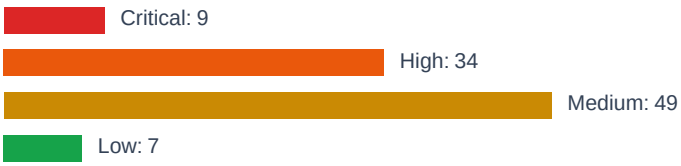
Customer-Specific Requirements Matrix

Executive Summary

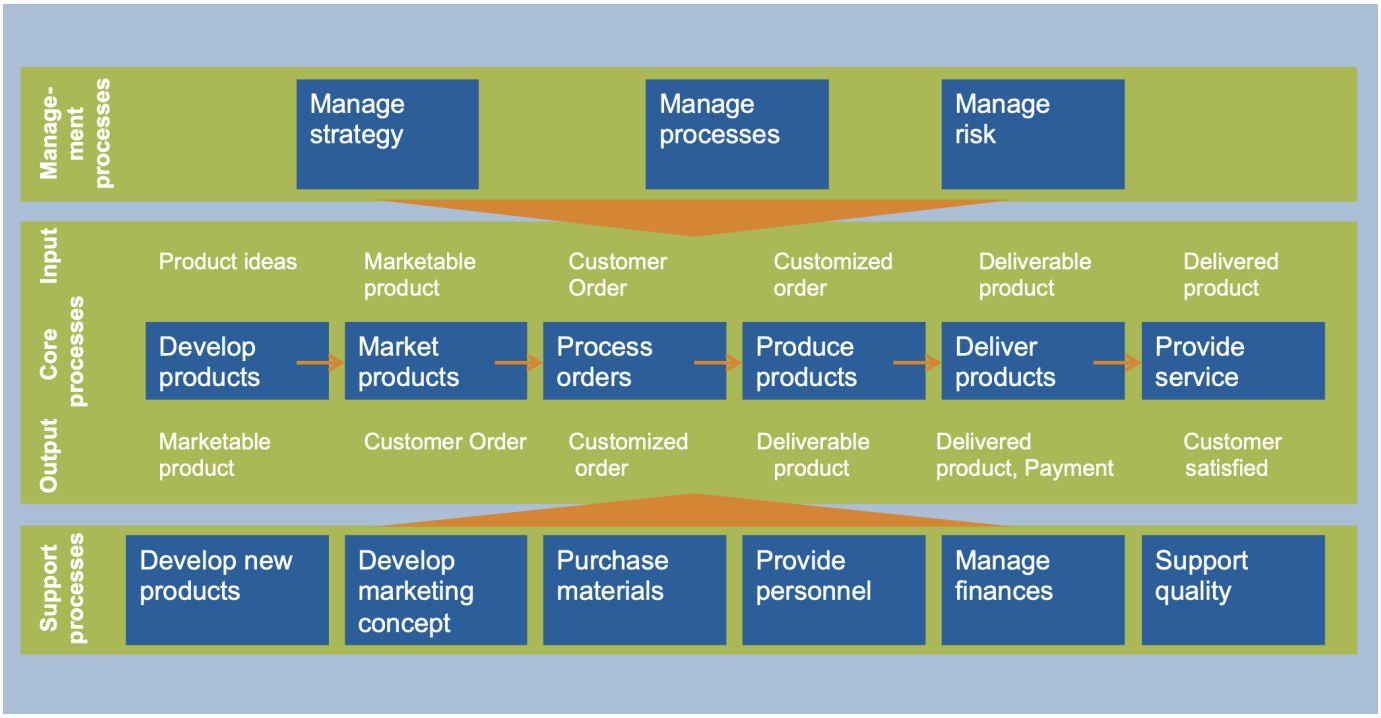
Generated: 28/04/2026
Company: Metatech GmbH
Location: Bremen
OEMs: BMW, VW
Process Owner: —

99	75	24	9
Total Requirements	IATF Base	OEM-Specific	Conflicts

Risk Breakdown



Process Map


Manage-ment processes
Manage strategy
Manage processes
Manage risk
Input
Product ideas
Marketable product
Customer Order
Customized order
Deliverable product
Delivered product
Core processes
Develop products
Market products
Process orders
Produce products
Deliver products
Provide service
Output
Marketable product
Customer Order
Customized order
Deliverable product
Delivered product, Payment
Customer satisfied
Support processes
Develop new products
Develop marketing concept
Purchase materials
Provide personnel
Manage finances
Support quality

Customer-Specific Requirements Matrix

Chapter	Requirement	OEM / Source	Risk	Severity	Processes
4.3.1	Determination of Scope — Supplementary	IATF	Low	—	Manage Strategy, Manage Processes
4.3.2	Customer-Specific Requirements	IATF	High	—	Manage Strategy, Manage Processes
4.4.1	BMW CSR Document Version Updated - March 2025	BMW	Medium	Supplementary	Manage Processes, Manage Risk
4.4.1.1	Product and Process Conformity	IATF	High	—	Manage Processes, Manage Risk
4.4.1.2	Product Safety	IATF	Critical	—	Manage Processes, Manage Risk
4.4.1.2 &	Product Safety — BMW Special Requirements	BMW	Critical	Supplementary	Manage Processes, Manage Risk
4.4.1.2 &	Product Safety — VW Formel-Q Requirements	VW	Critical	Supplementary	Manage Processes, Manage Risk
5.1.1.1	Corporate Responsibility	IATF	Medium	—	Manage Strategy, Manage Processes
5.1.1.2	Process Effectiveness and Efficiency	IATF	Medium	—	Manage Strategy, Manage Processes
5.1.1.3	Process Owners	IATF	Medium	—	Manage Strategy, Manage Processes
5.3.1	Organizational Roles — Supplementary	IATF	Medium	—	Manage Processes, Provide Personnel
5.3.2	Responsibility and Authority for Product Requirements and Corrective Action	IATF	High	—	Manage Processes, Provide Personnel
6.1.2.1	Risk Analysis	IATF	High	—	Manage Risk, Design & Development
6.1.2.2	Preventive Action	IATF	Medium	—	Manage Risk, Design & Development
6.1.2.3	Contingency Plans	IATF	High	—	Manage Risk, Design & Development
6.2.2.1	Quality Objectives — Supplementary	IATF	Low	—	Provide Personnel, Support Quality
7.1.3.1	Planning of Facilities, Infrastructure, and Equipment	IATF	Medium	—	Design & Development, Production
7.1.5.1.1	Measurement System Analysis	IATF	High	—	Production, Support Quality
7.1.5.1.1 &	Measurement System Analysis (MSA) — BMW Requirements	BMW	High	Supplementary	Production, Support Quality
7.1.5.1.1 &	Measurement System Analysis (MSA) — VW Requirements	VW	High	Supplementary	Production, Support Quality
7.1.5.2.1	Calibration/Verification Records	IATF	Medium	—	Production, Support Quality
7.1.5.3.1	Internal Laboratory	IATF	Medium	—	Production, Support Quality
7.1.5.3.2	External Laboratory	IATF	Medium	—	Production, Support Quality
7.2.1	Competence — Supplementary	IATF	Medium	—	Design & Development, Production
7.2.3	Internal Auditor Competence	IATF	Medium	—	Design & Development, Production
7.2.4	Competence of Auditors for External Audits	IATF	Low	—	Design & Development, Production
7.5.3.2.2	Technical Specifications	IATF	High	—	Production, Procurement
8.1.1	Operational Planning and Control — Supplement	IATF	Medium	—	Process Orders, Production
8.1.2	Confidentiality	IATF	Medium	—	Process Orders, Production
8.2.1.1	Customer Communication — Supplement	IATF	Low	—	Process Orders, Procurement
8.2.3.1.1	Review of Requirements — Supplement	IATF	Low	—	Production, Support Quality
8.2.3.1.2	Customer-Specific Special Characteristics	IATF	Critical	—	Production, Support Quality
8.2.3.1.2 &	Special Characteristics — BMW Classification	BMW	Critical	Supplementary	Production, Support Quality
8.2.3.1.2 &	Special Characteristics — VW D/TLD Classification	VW	Critical	Supplementary	Production, Support Quality
8.2.3.1.3	Manufacturing Feasibility of the Organization	IATF	Medium	—	Production, Support Quality
8.3.2.1	Design & Development Planning — Supplement	IATF	Medium	—	Production, Support Quality
8.3.3.1	Product Design Inputs	IATF	Medium	—	Production, Support Quality
8.3.3.2	Manufacturing Process Design Inputs	IATF	Medium	—	Production, Support Quality
8.3.3.3	Special Characteristics	IATF	Critical	—	Production, Support Quality
8.3.4.4	Product Approval Process	IATF	High	—	Production, Support Quality
8.3.4.4 &	Product Approval Process (PPAP/PPF) — BMW Product Release	BMW	High	Supplementary	Production, Support Quality
8.3.4.4 &	Product Approval Process (PPAP) — VW PPA Requirements	VW	High	Supplementary	Production, Support Quality
8.4.1.2	Supplier Selection Process	IATF	Medium	—	Production, Procurement
8.4.1.2	Supplier Selection — VW Formel-Q Capability	VW	Medium	Supplementary	Production, Procurement
8.4.2.1	Type and Extent of Control — Supplement	IATF	Medium	—	Production, Procurement

Chapter	Requirement	OEM / Source	Risk	Severity	Processes
8.4.2.3	Legal and Regulatory Requirements	IATF	High	—	Production, Procurement
8.4.2.4	Supplier Monitoring	IATF	Medium	—	Production, Procurement
8.4.2.4 &	Supplier Management — BMW Requirements	BMW	Medium	Supplementary	Production, Procurement
8.4.2.4 &	Supplier Monitoring — VW Q-KPI	VW	Medium	Supplementary	Production, Procurement
8.4.2.5	Supplier Development	IATF	Medium	—	Production, Procurement
8.5.1.1	Control Plan	IATF	Critical	—	Production, Support Quality
8.5.1.1 &	Control Plan — BMW Specifics	BMW	High	Supplementary	Production, Support Quality
8.5.1.1 &	Control Plan — VW Requirements	VW	High	Supplementary	Production, Support Quality
8.5.1.1 &	FMEA Methodology - 5th Edition Required	BMW	High	Tightening	Production, Support Quality
8.5.1.2	Standardized Work — Operator Work Instructions and Visual Standards	IATF	Medium	—	Production, Support Quality
8.5.1.3	Setup Verification	IATF	Medium	—	Production, Support Quality
8.5.1.5	Overall Equipment Effectiveness (OEE)	IATF	Medium	—	Production, Support Quality
8.5.1.6	Management of Production Tools and Manufacturing, Test and Inspection Tools and Equipment	IATF	Medium	—	Production, Support Quality
8.5.2.1	Identification and Traceability — Supplement	IATF	High	—	Production, Support Quality
8.5.2.1	Traceability — BMW Requirements	BMW	High	Supplementary	Production, Support Quality
8.5.4.1	Preservation — Supplement	IATF	Low	—	Production, Support Quality
8.5.6.1	Control of Changes — Supplement	IATF	High	—	Production, Support Quality
8.5.6.1 &	Change Management — BMW Requirements	BMW	High	Supplementary	Production, Support Quality
8.5.6.1 &	Change Management — VW Requirements	VW	High	Supplementary	Production, Support Quality
8.5.6.1.1	Temporary Change of Process Controls	IATF	High	—	Production, Support Quality
8.6.1	Release of Products and Services — Supplement	IATF	Medium	—	Production, Deliver Products
8.6.2	Layout Inspection and Functional Testing	IATF	Medium	—	Production, Deliver Products
8.6.4	Verification and Acceptance of Externally Provided Products and Services	IATF	Medium	—	Production, Deliver Products
8.7.1.1	Customer Release for Deviation	IATF	High	—	Production, Support Quality
8.7.1.1	Deviation Approval — BMW Requirements	BMW	Medium	Supplementary	Production, Support Quality
8.7.1.1	Nonconforming Output Control - Customer-Specific Requirements	IATF	Medium	Supplementary	Production, Support Quality
8.7.1.2	Customer Approval for Deviation	IATF	Medium	Supplementary	Production, Support Quality
8.7.1.3	Identification of Nonconforming Product	IATF	High	Supplementary	Production, Support Quality
8.7.1.4	Control of Reworked Products	IATF	Medium	—	Production, Support Quality
8.7.1.4	Identification and Control of Suspect Product	IATF	High	Supplementary	Production, Support Quality
8.7.1.5	Control of Reworked Product	IATF	Medium	Supplementary	Production, Support Quality
8.7.1.6	Control of Repaired Product	IATF	Medium	Supplementary	Production, Support Quality
8.7.1.7	Disposition of Nonconforming Output	IATF	Medium	—	Production, Support Quality
8.7.1.7	Customer Notification of Nonconforming Product	IATF	Critical	Supplementary	Production, Support Quality
9.1.1.1	Monitoring and Measurement of Production Processes	IATF	High	—	Support Quality, Manage Processes
9.1.1.1 &	Process Capability — BMW Requirements	BMW	High	Supplementary	Support Quality, Manage Processes
9.1.1.1 &	Process Capability — VW Formel-Q	VW	High	Supplementary	Support Quality, Manage Processes
9.1.1.2	Identification of Statistical Tools	IATF	Medium	—	Support Quality, Manage Processes
9.1.1.3	Application of Statistical Concepts	IATF	Medium	—	Support Quality, Manage Processes
9.1.2.1	Customer Satisfaction — Supplement	IATF	Medium	—	Support Quality, Manage Processes
9.2.2.1	Internal Audit Program	IATF	High	—	Support Quality, Manage Processes
9.2.2.1	Audit Program — VW Formel-Q Audit	VW	Medium	Supplementary	Support Quality, Manage Processes
9.2.2.2	Audit of Quality Management System	IATF	Medium	—	Support Quality, Manage Processes
9.2.2.3	Audit of Production Processes	IATF	Medium	—	Support Quality, Manage Processes
9.2.2.4	Product Audit	IATF	Medium	—	Support Quality, Manage Processes
9.3.1.1	Management Review — Supplement	IATF	Low	—	Support Quality, Manage Processes
9.3.2.1	Management Review Inputs — Supplement	IATF	Medium	—	Support Quality, Manage Processes
10.2.3	Problem Solving	IATF	High	—	Manage Processes, Support Quality
10.2.3 &	Problem Solving — BMW 8D Requirements	BMW	High	Supplementary	Manage Processes, Support Quality

Chapter	Requirement	OEM / Source	Risk	Severity	Processes
10.2.3 &	Problem Solving — VW 8D Requirements	VW	High	Supplementary	Manage Processes, Support Quality
10.2.4	Error Prevention	IATF	High	—	Manage Processes, Support Quality
10.2.5	Warranty Management Systems	IATF	Medium	—	Manage Processes, Support Quality
10.2.6	Customer Complaints and Field Failure Analysis	IATF	High	—	Manage Processes, Support Quality
10.3.1	Continuous Improvement (KVP) — Supplement	IATF	Medium	—	Manage Processes, Support Quality

BMW — Requirements:

4.4.1 BMW CSR Document Version Updated - March 2025

OEM / Source: BMW | Risk: medium | Severity: Supplementary | Version: BMW Group CSR (March 2025) | Change Status: Updated | Source Document: BMW Group CSR - March 2025

BMW Group Customer-Specific Requirements document updated to March 2025 version. This version ensures the quality of purchased parts in the supply chain with enhanced requirements for the initial project phase, planning, implementation, and documentation requirements.

4.4.1.2 & Product Safety — BMW Special Requirements

OEM / Source: BMW | Risk: critical | Severity: Supplementary | Version: BMW CSR v6.0 (2025-01) | Change Status: Unchanged | Source Document: BMW CSR v6.0 (2025-01)

BMW requires the use of the BMW Group Product Safety Officer concept. PSO (Product Safety Officer) must be designated. Annual Product Safety Audits are required.

7.1.5.1.1 & Measurement System Analysis (MSA) — BMW Requirements

OEM / Source: BMW | Risk: high | Severity: Supplementary | Version: BMW CSR v6.0 (2025-01) | Change Status: Unchanged | Source Document: BMW CSR v6.0 (2025-01)

BMW requires MSA per AIAG/VDA MSA Standard. Attribute MSA with signal detection approach. Variable MSA minimum Cg/Cgk "e 1.33.

8.2.3.1.2 & Special Characteristics — BMW Classification

OEM / Source: BMW | Risk: critical | Severity: Supplementary | Version: BMW CSR v6.0 (2025-01) | Change Status: Unchanged | Source Document: BMW CSR v6.0 (2025-01)

BMW uses classification: S (Safety), Z (Certification), F (Function), P (Process). Each requires specific documentation in FMEA and Control Plan.

8.3.4.4 & Product Approval Process (PPAP/PPF) — BMW Product Release

OEM / Source: BMW | Risk: high | Severity: Supplementary | Version: BMW CSR v6.0 (2025-01) | Change Status: Unchanged | Source Document: BMW CSR v6.0 (2025-01)

BMW requires PPA per VDA Volume 2 (Production Process and Product Release). Initial Sample Inspection Report (ISIR) per VDA Volume 2. BMW release required before SOP.

8.4.2.4 & Supplier Management — BMW Requirements

OEM / Source: BMW | Risk: medium | Severity: Supplementary | Version: BMW CSR v6.0 (2025-01) | Change Status: Unchanged | Source Document: BMW CSR v6.0 (2025-01)

BMW requires monitoring via SupplyOn platform. Scorecard rating (Quality, Logistics, Innovation). Escalation levels: 0–4 per BMW escalation strategy.

8.5.1.1 & Control Plan — BMW Specifics

OEM / Source: BMW | Risk: high | Severity: Supplementary | Version: BMW CSR v6.0 (2025-01) | Change Status: Unchanged | Source Document: BMW CSR v6.0 (2025-01)

BMW requires Control Plans per AIAG/VDA APQP Standard. Control Plan must reference FMEA Action Priority (AP). Response plan required for each characteristic.

8.5.1.1 & FMEA Methodology - 5th Edition Required

OEM / Source: BMW | Risk: high | Severity: Tightening | Version: BMW CSR (2025) | Change Status: Updated | Source Document: BMW Group CSR - March 2025 version

BMW requires suppliers to use FMEA 5th Edition (AIAG/VDA 2019) for Failure Mode and Effects Analysis. Use of the older 4th edition is no longer permitted. The analysis must be performed using specialized FMEA software; spreadsheet-based analyses (e.g., Excel) are not permitted.

8.5.2.1 Traceability — BMW Requirements

OEM / Source: BMW | Risk: high | Severity: Supplementary | Version: BMW CSR v6.0 (2025-01) | Change Status: Updated | Source Document: BMW CSR v6.0 (2025-01)

BMW requires component traceability via DMC (DataMatrix Code) per BMW Standard GS-0006. Traceability of safety-relevant parts must be maintained for 15 years.

8.5.6.1 & Change Management — BMW Requirements

OEM / Source: BMW | Risk: high | Severity: Supplementary | Version: BMW CSR v6.0 (2025-01) | Change Status: Unchanged | Source Document: BMW CSR v6.0 (2025-01)

All product and process changes require BMW release via change management process. Changes must be reported via SupplyOn (8D Q-issues, change, first sample).

8.7.1.1 Deviation Approval — BMW Requirements

OEM / Source: BMW | Risk: medium | Severity: Supplementary | Version: BMW CSR v6.0 (2025-01) | Change Status: Unchanged | Source Document: BMW CSR v6.0 (2025-01)

BMW deviation approval process via SupplyOn deviation management. Deviation request must contain root cause and containment measures. Maximum duration: 3 months.

9.1.1.1 & Process Capability — BMW Requirements

OEM / Source: BMW | Risk: high | Severity: Supplementary | Version: BMW CSR v6.0 (2025-01) | Change Status: Unchanged | Source Document: BMW CSR v6.0 (2025-01)

BMW requires Pp/Ppk "e 1.67 (preliminary) and Cp/Cpk "e 1.33 (series). For safety characteristics: Cp/Cpk "e 1.67. Machine capability: Cm/Cmk "e 1.67.

10.2.3 & Problem Solving — BMW 8D Requirements

OEM / Source: BMW | Risk: high | Severity: Supplementary | Version: BMW CSR v6.0 (2025-01) | Change Status: Unchanged | Source Document: BMW CSR v6.0 (2025-01)

BMW requires 8D method per VDA Volume 8D when ppm > target or "e W2 complaint. 8D report required within 24h (D0-D3), complete report within 14 calendar days.

VW — Requirements:

4.4.1.2 & Product Safety — VW Formel-Q Requirements

OEM / Source: VW | Risk: critical | Severity: Supplementary | Version: Formel-Q Konkret 9th Ed. (2024) | Change Status: Unchanged | Source Document: Formel-Q Konkret 9th Ed. (2024)

VW Group requires Product Safety Management per Formel-Q Konkret. Product Safety Officer (PSO) designation required. Annual Product Safety Audit with VW internal checklist.

7.1.5.1.1 & Measurement System Analysis (MSA) — VW Requirements

OEM / Source: VW | Risk: high | Severity: Supplementary | Version: Formel-Q Konkret 9th Ed. (2024) | Change Status: Unchanged | Source Document: Formel-Q Konkret 9th Ed. (2024)

VW requires Measurement System Analysis (MSA) in accordance with Formel-Q Capability chapter. Type 1, 2, and 3 studies. Cg/Cgk "e 1.33 for variable measuring equipment. Attribute study in accordance with VDA 5.

8.2.3.1.2 & Special Characteristics — VW D/TLD Classification

OEM / Source: VW | Risk: critical | Severity: Supplementary | Version: Formel-Q Konkret 9th Ed. (2024) | Change Status: Unchanged | Source Document: Formel-Q Konkret 9th Ed. (2024)

VW uses D designation (documentation-relevant) and TLD (Technical Delivery Deadline Discussion). D parts in accordance with VW 101 06. Critical characteristics are identified through risk assessment.

8.3.4.4 & Product Approval Process (PPAP) — VW PPA Requirements

OEM / Source: VW | Risk: high | Severity: Supplementary | Version: Formel-Q Konkret 9th Ed. (2024) | Change Status: Unchanged | Source Document: Formel-Q Konkret 9th Ed. (2024)

VW requires Product Approval Process (PPAP) in accordance with VDA Volume 2 / Formel-Q specifications. 2-day production for first samples. Self-assessment via BeOn platform.

8.4.1.2 Supplier Selection — VW Formel-Q Capability

OEM / Source: VW | Risk: medium | Severity: Supplementary | Version: Formel-Q Capability 5th Ed. (2024) | Change Status: Unchanged | Source Document: Formel-Q Capability 5th Ed. (2024)

VW requires supplier potential analysis in accordance with Formel-Q Capability. QPN (Quality Performance Norm) process. A/B/C rating system with minimum B required.

8.4.2.4 & Supplier Monitoring — VW Q-KPI

OEM / Source: VW | Risk: medium | Severity: Supplementary | Version: Formel-Q Konkret 9th Ed. (2024) | Change Status: Unchanged | Source Document: Formel-Q Konkret 9th Ed. (2024)

VW monitors suppliers via Quality Capability (Q-capability). KPIs: ppm, 0-km failures, field failures, audit results. Supplier Cockpit in Group Business Platform (GBP).

8.5.1.1 & Control Plan — VW Requirements

OEM / Source: VW | Risk: high | Severity: Supplementary | Version: Formel-Q Konkret 9th Ed. (2024) | Change Status: Unchanged | Source Document: Formel-Q Konkret 9th Ed. (2024)

Control Plans in accordance with Formel-Q Konkret with linkage to FMEA. Must contain D/TLD characteristics. Reaction plan for each monitored characteristic. Control Plan required before SOP.

8.5.6.1 & Change Management — VW Requirements

OEM / Source: VW | Risk: high | Severity: Supplementary | Version: Formel-Q Konkret 9th Ed. (2024) | Change Status: Updated | Source Document: Formel-Q Konkret 9th Ed. (2024)

All changes require VW approval via 2TP (2-day production) process. Changes are communicated via BeOn. Unauthorized changes result in automatic Q-Capability downgrade.

9.1.1.1 & Process Capability — VW Formel-Q

OEM / Source: VW | Risk: high | Severity: Supplementary | Version: Formel-Q Konkret 9th Ed. (2024) | Change Status: Unchanged | Source Document: Formel-Q Konkret 9th Ed. (2024)

VW requires Cmk "e 1.67 (machine), Ppk "e 1.67 (short-term), Cpk "e 1.33 (long-term). For safety/critical: Cpk "e 1.67. In accordance with Formel-Q Konkret Capability chapter.

9.2.2.1 Audit Program — VW Formel-Q Audit

OEM / Source: VW | Risk: medium | Severity: Supplementary | Version: Formel-Q Audit 4th Ed. (2024) | Change Status: Unchanged | Source Document: Formel-Q Audit 4th Ed. (2024)

VW requires Internal Audit in accordance with Formel-Q Audit standard. VDA 6.3 process audit methodology. Supplier self-assessment and on-site audit results are tracked in GBP.

10.2.3 & Problem Solving — VW 8D Requirements

OEM / Source: VW | Risk: high | Severity: Supplementary | Version: Formel-Q Konkret 9th Ed. (2024) | Change Status: Unchanged | Source Document: Formel-Q Konkret 9th Ed. (2024)

VW requires 8D in accordance with VDA 8D standard. Reports are submitted via QPN in the Group Business Platform. D3 (immediate action) within 48 hours. Complete 8D within 20 working days. Use of Ishikawa/5-Why is required.

Overlaps & Conflicts

Conflict Decision Rule: Most stringent CSR requirement shall be applied where OEM requirements overlap.

10.2.3 — BMW vs. VW

BMW and VW have divergent requirements for IATF 10.2.3: BMW: Problem Solving — BMW 8D Requirements vs. VW: Problem Solving — VW 8D Requirements

Apply BMW requirement
Reason: BMW requires 8D report within 14 calendar days (D0-D3 within 24h). VW requires D3 within 48 hours and complete 8D within 20 working days ("H 28 calendar days). BMW's 14-day deadline is shorter and more stringent than VW's 20-working-day deadline.

4.4.1.2 — BMW vs. VW

BMW and VW have divergent requirements for IATF 4.4.1.2: BMW: Product Safety — BMW Special Requirements vs. VW: Product Safety — VW Formel-Q Requirements

Manual review required
Reason: Both OEMs require PSB designation and annual audits. The differences (BMW Group concept vs. VW Formel-Q) are conceptually different but not structurally comparable (no deadlines, no quantitative limits).

7.1.5.1.1 — BMW vs. VW

BMW and VW have divergent requirements for IATF 7.1.5.1.1: BMW: Measurement System Analysis (MSA) — BMW Requirements vs. VW: Measurement System Analysis (MSA) — VW Requirements

Manual review required
Reason: Both OEMs require identical Cg/Cgk "e 1.33 for variable MSA. BMW mentions Signal Detection approach, VW mentions VDA 5 for attributes. The requirements are equivalent, not comparable.

8.2.3.1.2 — BMW vs. VW

BMW and VW have divergent requirements for IATF 8.2.3.1.2: BMW: Special Characteristics — BMW Classification vs. VW: Special Characteristics — VW D/TLD Classification

Manual review required
Reason: BMW uses S/Z/F/P classification, VW uses D/TLD classification. These are different classification systems without direct comparison. No deadlines or quantitative differences identified.

8.3.4.4 — BMW vs. VW

BMW and VW have divergent requirements for IATF 8.3.4.4: BMW: Product Approval Process (PPAP/PPF) — BMW Product Release vs. VW: Product Approval Process (PPAP) — VW PPA Requirements

Manual review required
Reason: BMW requires PPA per VDA Volume 2 with BMW release before SOP. VW requires PPAP with 2-day production and BeOn platform. Different processes and platforms, but no direct deadlines for comparison.

8.4.2.4 — BMW vs. VW

BMW and VW have divergent requirements for IATF 8.4.2.4: BMW: Supplier Management — BMW Requirements vs. VW: Supplier Management — VW Q-KPI

Manual review required
Reason: BMW uses SupplyOn with Scorecard rating (0–4 escalation), VW uses Q-Capability with KPIs in GBP. Different monitoring systems without comparable thresholds.

8.5.1.1 — BMW vs. VW

BMW and VW have divergent requirements for IATF 8.5.1.1: BMW: Control Plan — BMW Specifics vs. VW: Control Plan — VW Requirements vs. BMW: FMEA Methodology - 5th Edition required

Apply BMW requirement
Reason: BMW mandatorily requires FMEA 5th Edition (2019) with specialized software (not Excel). This is a 'shall/must' requirement with technological mandate. VW only mentions Formel-Q linkage without FMEA version specification. BMW's requirement is more stringent and precise.

8.5.6.1 — BMW vs. VW

BMW and VW have divergent requirements for IATF 8.5.6.1: BMW: Change Management — BMW Requirements vs. VW: Change Management — VW Requirements

Manual review required
Reason: BMW requires release via SupplyOn (8D, change, first sample). VW requires approval via 2TP/BeOn with automatic Q-Capability downgrade if not authorized. Different processes and escalation mechanisms, not directly comparable.

9.1.1.1 — BMW vs. VW

BMW and VW have divergent requirements for IATF 9.1.1.1: BMW: Process Capability — BMW Requirements vs. VW: Process Capability — VW Formel-Q

Apply BMW requirement

Reason: BMW requires Pp/Ppk "e 1.67 (preliminary) and machine capability Cm/Cmk "e 1.67. VW requires Cmk "e 1.67 (machine) and Ppk "e 1.67 (short-term), but Cpk "e 1.33 (long-term). BMW's series capability (Cp/Cpk "e 1.33) is equivalent to VW, but BMW's preliminary requirement (Pp/Ppk "e 1.67) is more stringent than VW's short-term requirement.

This report was generated by IATF Solutions CSR Matrix Tool. Always verify against the latest OEM source documents.