

Requirements matrix for initial sample order - Gebr. Bode GmbH & Co. KG - Scope of the initial sample documents based on VDA Volume 2 - PPA process / alternatively, PPAP - PSW

	New part																													other																			
	Galvanising, anodising	Powder coating	Painting	Castings (die, ingot, precision casting, etc.)	Forgings	Plastic semi-finished products, injection mouldings, floorings, toothed belts	sandwich panels	Metal stamping, drawn, deep-drawn, bent parts	Rubber parts, silicone parts, rubber with metal inserts	Flame-cut parts	Electrical cables	Cable harnesses	Switches, foot-operated switches, buttons, sensitive edges, sensors, light grids, switching	LM profiles, kick plates, aluminium	Locks, interlocks, hinges	Bowden cables, transfer cables	Springs	Bearings (ball, roller, plain, etc.)	Connectors (not standardised)	Standard parts	Catalogue parts	Linear guides	Relays, potentiometers	Pneumatics, valves	Semi-finished products (steel, aluminium, brass, plastics, etc.)	Glass panes	Toothed wheels	Turned parts, milled parts, toothed belt pulleys	Welded assemblies	Door control units	Extruded parts	Sintered parts, magnets, solenoid valves	Electric motors; Angular gear units	Adhesives, sealants	Sound & thermal insulation	Films, tapes, stickers	Technical brushes	Production discontinued > 12 months (series) *	Production discontinued > 12 months (E-parts)	Change to the product	Change to the production process	Change to the supply chain							
VDA cover sheet / alternatively PPAP - PSW	V	V	V	V	V	V	V	V	V	V	V	V	V	V	V	V	V	V	V	V	V	V	V	V	V	V	V	V	V	V	V	V	V	V	V	V	V	V	V	V	V	V	V						
Test results (alternatively, measuring machine report)	V	V	V	V	V	V	V	V	V	V	V	V	V	V	V	V	V	V	V	V	V	V	V	V	V	V	V	V	V	V	V	V	V	V	V	V	V	V	V	V	V	V	V	V					
Samples in accordance with the order	V	V	V	V	V	V	V	V	V	V	V	V	V	V	V	V	V	V	V	V	V	V	V	V	V	V	V	V	V	V	V	V	V	V	V	V	V	V	V	V	V	V	V	V					
Stamped Bode drawing (if available, otherwise supplier drawing applies)	V	V	V	V	V	V	V	V	V	V	V	V	V	V	V	V	V	V	V	V	V	V	V	V	V	V	V	V	V	V	V	V	V	V	V	V	V	V	V	V	V	V	V	V	V				
IMDS entry (Bode Org. ID: 8264)	V	V	V	V	V	V	V	V	V	V	V	V	V	V	V	V	V	V	V	V	V	V	V	V	V	V	V	V	V	V	V	V	V	V	V	V	V	V	V	V	V	V	V	V	V				
Fire protection certificate (ECE R118 / EN45545-2)**						V					V																																						
Surface: Coat thickness record	V	V	V																																														
Surface: Colour (measurement geometry d/8)			V			V																																											
Surface: Gloss level (20° geometry for painting / 60° for powder coating)			V			V																																											
Corrosion test to EN ISO 9227 NSS	V	n.V.	n.V.																	n.V.	n.V.	n.V.					n.V.																						
Corrosion cycling test to PV1210, TL 918300 or DBS 918340	n.V.	n.V.	n.V.																	n.V.	n.V.	n.V.					n.V.																						
3.1 Inspection certificate				V	V			V	V					V		V	V								V		V	V	V		V	V																	
Material data sheet						V	V	V								V	V			V	V																	V			V								
Declaration of conformity / Declaration of compliance with the order EN 10204/2.1	V										V	V	V		V				V	V	V					V			V										V										
EMC (electromagnetic compatibility)																																																	
Crimped connections verification to EN 60352-2												V				V																																	
Documented production weld test (mock-up) to DVS 1621 / welders and operators list																																																	
Approval certificate EN 15085 (welding)																																																	
Parent material suitability test to EN 13479 for the filler (e.g. DB approval certificate)																																																	
Documented verification of the welding test																																																	
Process capability analyses					D	D	D	D	D	D	D	D	D	D	D	D	D	D	D	D	D						D	D	D	D	D	D	D	D	D	D	D	D	D	D	D	D	D	D	D	D	D	D	D
Verification for assuring particular characteristics				D	D	D	D	D	D	D	D	D	D	D	D	D	D	D	D	D	D						D	D	D	D	D	D	D	D	D	D	D	D	D	D	D	D	D	D	D	D	D	D	D
Test equipment list	D	D	V	D	D	D	D	D	D	D	D	D	D	D	D	D	D	D	D	D	D	D					D	D	D	D	D	D	D	D	D	D	D	D	D	D	D	D	D	D	D	D	D	D	D
PPF status, supply chain						D	D	D	D	D	D	D	D	D	D	D	D	D	D	D	D					D	D	D	D	D	D	D	D	D	D	D	D	D	D	D	D	D	D	D	D	D	D	D	D
MSA (measurement system analysis), test equipment capability analysis	D	D		D	D	D	D	D	D	D	D	D	D	D	D	D	D	D	D	D	D					D	D	D	D	D	D	D	D	D	D	D	D	D	D	D	D	D	D	D	D	D	D	D	D
Process flow chart	D	D		D	D	D	D	D	D	D	D	D	D	D	D	D	D	D	D	D	D					D	D	D	D	D	D	D	D	D	D	D	D	D	D	D	D	D	D	D	D	D	D	D	D
Part history (changes...)				D	D	D	D	D	D					D	D	D	D	D	D							D	D	D	D	D	D	D	D	D	D	D	D	D	D	D	D	D	D	D	D	D	D	D	D
Duty of suppliers to notify the responsible buyer (in writing)																																																	

D Implementation, documentation and archiving by the supplier (if applicable, for examination by the customer)

n.V. as agreed

V Submission to customer

* Cover sheet only if the supplier confirms that there have been no changes to machines, plants, systems, equipment and processes in the meantime. Does not apply to standard and catalogue parts!

** Fire protection certificates, verifications are to be demonstrated during the product sample approval procedure in accordance with the above-named standards for the respective material, assemblies.