



Supplier Assessment

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 Supplier Contact E-Mail: _____

Supplier Assessment Performed By: _____
 Supplier Assessor Phone # : _____
 Supplier Assessment E-Mail: _____
 Product: _____

Total Survey Score:

Expectation Rating	Expectation Supplier must supply evidence to support each expectation	Comments / Evidence All Expectations must have evidence to support rating.	Action Plan Required If Action Plan is required, list person responsible and expected completion date.
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Expectation Rating Definitions	0 = No system in place to meet the Expectation (Needs Action Plan) 1 = System appears in place, vague evidence to support meeting the Expectation (Needs Action Plan) 2 = System is in place, limited evidence to support meeting Expectation (May Need Action Plan) 3 = System in place, meets Expectation (No Action Plan Required) 4 = System is in place, exceeds Expectation (No Action Plan Required)
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Section 1. Quality System (20 pts) **Section 1. Total**

Rate this Expectation 0 or 4	Supplier is ISO9001:2008 or TS-16949 Certified.		
Rate this Expectation 0 or 4	Supplier is ISO14001 Certified.		
Rate this Expectation 0 thru 4	Supplier has a documented process to identify and regularly update customer requirements.		
Rate this Expectation 0 thru 4	Supplier has a documented process to measure internal and external expectations into QOS measurables, supplier utilizes action plans when measurables aren't met.		
Rate this Expectation 0 thru 4	Supplier has a documented process to measure customer satisfaction, supplier utilizes action plans when customer satisfaction is not acceptable.		



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Section 2. Control Plans / PMEAs (32 pts) **Section 2. Total**

Rate this Expectation 0 thru 4	Supplier has documented PFMEAs and Control Plans for all products supplied to Vconverter.		
Rate this Expectation 0 thru 4	PFMEAs are reviewed annually for occurances and high RPN's, PFMEAs are regulary updated for all product nonconformances.		
Rate this Expectation 0 thru 4	Supplier, in cooperation with Vconverter, have identified all Critical Characteristics (CC, Significant Characteristics (SC), High Impact Characteristics (HIC), and Pass Thru Characteristics (PTC).		
Rate this Expectation 0 thru 4	Supplier obtains specific agreement from Vconverter for all parts that do not have CCs, SCs, and HICs.		
Rate this Expectation 0 thru 4	Supplier ensures all print dimensions and call-out notes on the engineering drawing are always met through control plans, work instructions, job set-up instructions, and receiving inspection.		



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Rate this Expectation 0 thru 4	Where PTC are identified, supplier verifies PTC and ensures zero defects at Vconverter's customer, Vehicle Operations, and final customer.		
Rate this Expectation 0 thru 4	Control Plans are a result of appropriate quality planning and includes a clear linkage between the DFMEA and PFMEA.		
Rate this Expectation 0 thru 4	Control Plans contain the following items: - Op No / Name - Part Name / Number - Inspection Requirements - Specifications - Control Methods - CC, SC, HIC identified - Error proofing Methods - In-process Control Methods - Sample Size and frequency - Required gages, tools, and other equipment - Reaction plans must clearly direct the operator on what to do when a process goes out of Control or a product fails an Inspection or test		



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Section 3. Operator Training (8 pts)		Section 3. Total	
Rate this Expectation 0 thru 4	Supplier has documented process to ensure all operators are properly trained.		
Rate this Expectation 0 thru 4	Supplier ensures only trained and qualified personnel are involved in all aspects of parts produced for Vconverter.		
Section 4. APQP / PPAP (12 pts)		Section 4. Total	
Rate this Expectation 0 thru 4	Supplier has documented process to track APQP progress thru PPAP, including all changes to existing product.		
Rate this Expectation 0 thru 4	Supplier utilizes Run at Rate and Capacity Analysis for all PPAPs and Product Changes.		
Rate this Expectation 0 thru 4	Capacity Verification must include an evaluation of the complete process or the slowest operation (process bottleneck): - Machine available hours, shifts, or days - Machine downtime (planned and unplanned) -machine changeover - breaks		
Section 5. Manage the Change (12 pts)		Section 5. Total	
Rate this Expectation 0 thru 4	Supplier has documented process effectively manage all changes, including product dimensional changes and capacity changes, after PPAP.		
Rate this Expectation 0 thru 4	Supplier effectively reviews all supporting documentation for all changes, including: Process Flow Diagrams, FMEAs, Control Plans, Operator Instructions, Visual Aids, and PPAP documentation.		
Rate this Expectation 0 thru 4	Supplier has documented process to ensure customer approval is obtained prior to implementation of all process changes.		



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Section 6. Incoming Quality / Sub-Suppliers (20 pts)		Section 6. Total	
Rate this Expectation 0 thru 4	Supplier has documented process to effectively manage its supply base including identification of those with high impact to quality.		
Rate this Expectation 0 thru 4	Supplier requires sub-suppliers to have a quality operating system similar to ISO/TS-16949 or VDA.		
Rate this Expectation 0 thru 4	Supplier requires PPAP submission for all parts from sub-suppliers.		
Rate this Expectation 0 thru 4	Where PTC are identified, supplier requires sub-suppliers to take specific actions to ensure all PTC are to specification.		
Rate this Expectation 0 thru 4	Incoming quality requirements are part of the control plan. If receiving inspection is performed, there is evidence of compliance to specifications, with reaction plans for product that is out of specification.		
Section 7. Control Plans / Operator Instructions (8 pts)		Section 7. Total	
Rate this Expectation 0 thru 4	Supplier has controlled operator instructions available and in the area. These include control plans, check sheets, job set-up instructions, etc.		
Rate this Expectation 0 thru 4	Reaction Plans are clearly defined and protect Vconverter from non-conforming material.		
Section 8. Process Variation Monitoring / Reduction (12 pts)		Section 8. Total	
Rate this Expectation 0 thru 4	Supplier utilizes appropriate statistical techniques to monitor the process.		
Rate this Expectation 0 thru 4	SPC checks are performed as required by the Control Plan and out-of-control conditions prompt corrective action as appropriate.		
Rate this Expectation	Ppk and Cpk levels are 1.67 and 1.33 respectively for all SCs and HICs (where		



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0 thru 4	applicable). For all SCs and CCs, Cok trends are tracked over time, and action plans developed to increase these Cpk values to reduce the causes of variability.		



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Section 9. Measurement Systems (16 pts)		Section 9. Total	
Rate this Expectation 0 thru 4	Supplier ensures all gauges are available for use as identified in the control plans. The gauge calibration and gauge maintenance program ensures backup gauges are available to support inspections as required by the control plans.		
Rate this Expectation 0 thru 4	Whenever possible, variable gauges are used for all SCs, CCs, and HICs.		
Rate this Expectation 0 thru 4	Gauge R&R is conforms with the guidelines in the AIAG Measurement System Analysis. Whenever these R&R's do not conform, specific plans are in place which adheres to the guideline.		
Rate this Expectation 0 thru 4	Supplier conducts regular evaluation of error proofing devices		
Section 10. Control of Parts / Part Identification / Packaging / Shipping (12 pts)		Section 10. Total	
Rate this Expectation 0 thru 4	Supplier has a documented process for positive part identification and part control in all stages of production, rework, repair, scrap, testing, storage, etc.		
Rate this Expectation 0 thru 4	Supplier has lot traceability of product shipped to Vconverter		
Rate this Expectation 0 thru 4	Supplies has a process to ensure that production processes control handling, storage, and packaging as to prevent damage or deterioration, and preserve product quality.		



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Section 11. Corrective Actions (12 pts)		Section 11. Total <input type="text"/>	
Rate this Expectation 0 thru 4	Supplier uses a structured problem solving method to address customer concerns and complaints.		
Rate this Expectation 0 thru 4	Supplier utilizes a cross-functional team, as appropriate, for all problem solving.		
Rate this Expectation 0 thru 4	Supplier has a process to communicate all customer concerns to supplier's production and management team.		