

## Denso Supplier Mass Production Readiness Check Sheet

Denso QA/QC Specialist:		Supplier Name:	
Denso Part Number:		Date of Audit:	
Part/Material Name:		Supplier Contact:	
Model:		Supplier Contact Phone:	

Check Items:	Judgment	Comments:
<p>1. Does the supplier have an adequate control system for the following items? Do all items have the correct part number, revision level, critical dimensions, and control items (per NQAR)?</p> <p>A. Drawings &amp; Specifications</p> <p>B. Process Control Plans</p> <p>C. PFMEA</p> <p>D. Operator Instructions Sheets / Set Up Sheets</p> <p>E. Inspection Instructions/Standards</p> <p>F. Packaging Specifications</p>		
<p>2. Has the Supplier implemented and are they following the Early Stage Control Plan (as required on the NQAR)?</p> <p>A. Does the supplier have adequate management review of all early stage control activities?</p> <p>B. Are problems properly documented and countermeasures taken and/or planned?</p>		

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Check Items:	Judgment	Comments:
3. What is the Suppliers Lot Control System? Does it allow traceability to raw materials and all process steps?		
4. Are inspections and control methods adequate for critical items in the following areas? A. Incoming Inspection (parts & materials) 1. Segregation method for NG parts/materials.  B. In-Process 1. Visual Boundary Samples.  2. SPC Charting.  3. Segregation methods for NG, OK, and Set up parts.  4. Labeling of in-process parts.  C. Out going (Final) 1. Storage and labeling of finished product.		
5. Confirm the Supplier's control system for gages, fixturing and tooling. Is it adequate? Do all gages, fixtures and tooling reflect the latest drawing and/or specification revision?		
6. Have Gage R&R studies been done on all gages and test equipment? Was the correct method used? Are the results acceptable?		
7. Does the Supplier have an adequate calibration system? Verify the calibration status of key measurement equipment.		



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Check Items:	Judgment	Comments:
<p>8. Does the Supplier have an adequate preventative maintenance program for tooling and equipment?</p> <p>A. Are frequencies and responsibilities clearly defined?</p> <p>B. Is the life expectancy of perishable tooling and supplies documented?</p> <p>C. Are tooling repairs and modifications properly documented? Are histories kept?</p>		
<p>9. Does the Supplier have an adequate system for analyzing in-process and customer defects?</p> <p>A. Is the level of management review adequate?</p> <p>B. Does the system reflect countermeasures to similar parts/processes?</p>		
<p>10. Does the Supplier have an adequate training system for associates in the following areas:</p> <p>A. Equipment set up and operation</p> <p>B. Part/Product inspection</p> <p>C. Defect recognition &amp; segregation</p> <p>D. Abnormal situation handling</p> <p>E. SPC techniques</p> <p>Review the training records of associates working on Denso parts/materials for proof of training.</p>		

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Check Items:	Judgment	Comments:
11. Does the Supplier have an understanding of the proper usage of the following documents: A. Process Change Request/Reply  B. Stratification Control  C. Deviation Request/Reply  D. Quality Failure Notice  E. Final Approval Sheet		
12. Does the Supplier understand the function(s) of the part/material being supplied and key defects that are unacceptable to Denso? In no, these should be explained to the Supplier.		
13. Other:		

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<b>Summary of Mass Production Readiness Visit:</b>

Mass Production Readiness is: <input type="checkbox"/> Acceptable			Mass Production Readiness is: <input type="checkbox"/> Unacceptable		
DENSO Comments:			DENSO Reason:		
DENSO Approval			DENSO Rejection		
Approved	Checked	Written	QA/QC Manager	Checked	Written