

**SUPPLIER QUALITY ASSURANCE MANUAL  
FOR PARTS AND RAW MATERIALS**

\*\*\*\*\* QUALITY ASSURANCE FOR TRIAL PRODUCTION \*\*\*\*\*

**SECTION 16 - DENSO SUPPLIER CONTROL PLAN**

**PURPOSE:** To explain DENSO Supplier Control Plan submission and requirements.

**SCOPE:** Applies to Suppliers of production parts and raw materials specified on the Notification of Quality Assurance Requirements (NQAR).

**EXPLANATION:**

The Supplier Control Plan is a document that indicates critical product characteristics, all process steps, all Quality Assurance check items and their frequency, SPC reporting method, process capability, and Gage R & R (Reference manuals AIAG “Measurement Systems Analysis- MSA” and “Statistical Process Control- SPC” for general explanations of Gage R&R and SPC systems).

**SUPPLIER RESPONSIBILITIES:**

1. The DENSO Supplier Control Plan is to be written, controlled, and submitted by the Supplier’s quality section (QA Manager or equivalent), and submitted to Supplier’s quality contact. The control plan format must meet all the requirements outlined in the AIAG manual “Advanced Product Quality Planning and Control Plan- APQP. The format is optional, but the AIAG format is recommended. The Control Plan the Supplier uses must include all critical items from Receiving Inspection through Packaging.
2. Submission timing is in accordance with NQAR (Reference Section 11 - Notice of Quality Assurance Requirements (NQAR)).
3. Suppliers must test and analyze the process to obtain results that support the Control Plan contents.
4. The Supplier Control Plan must be approved by the Supplier’s chain of command.
5. The Supplier must reissue the control plan to DENSO for all revisions
6. Revisions must be reviewed by DENSO prior to shipment of parts reflecting the change. Depending on the change other submittals may be required.
7. No process change, temporary or permanent, is allowed after the start of Mass Production unless a DENSO Supplier Process Change Request/ Reply sheet has been submitted and approved by DENSO (Reference Section 40 - Process Change Request (PCR), Reply/Design Change Request (DCR)/Engineering Change Instruction).

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8. Check items requiring conformance to standard test methods (American Society for Testing and Materials (ASTM), Japan Industrial Standard (JIS), etc.) should be indicated.

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