

SUPPLIER QUALITY ASSURANCE MANUAL FOR PARTS AND RAW MATERIALS

***** QUALITY ASSURANCE SUPPORT ACTIVITIES FOR TRIAL AND MASS PRODUCTION *****

SECTION 25 – QA NETWORK

PURPOSE: The system is used to foresee potential defects, to understand process QA weak spots, and take proactive QA Net strengthening countermeasures considering the full production process from sub-suppliers to shipping product.

SCOPE: Applies to Suppliers of both production parts and raw materials. QA Network analysis is required for new parts and materials supplied to DENSO. The QA Network is a 'living document' and should be updated accordingly when the process is modified or new defect modes are discovered.

EXPLANATION:

DENSO's QA Network is a matrix tool in which critical assurance items are identified and ranked according to occurrence and flow-out possibility. The purpose is to foresee potential defects for proactive control improvements.

SUPPLIER RESPONSIBILITIES:

1. The Supplier must prepare the DENSO QA Network worksheet according to the requirements given in the tutorial package.
2. The supplier is responsible to list and consider all part critical items provided by DENSO along with other important or critical items, which are understood, based on the process design, PFMEA, or 'know-how' of the supplier.
3. The supplier is responsible to coordinate the QA Network information from sub-supplier [i.e. material or sub-assembly process] and sub-contracted process [i.e. plating or heat treating] considering the full supply chain.
4. The supplier is responsible take appropriate action to improve any weak areas identified through the QA Network ranking system.
5. The supplier must provide the QA Network worksheet to DENSO.
6. After mass production, the supplier is responsible to maintain and revise the QA Network worksheet as required and resubmit the updated worksheet to DENSO.

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