NISSAN
MOTOR CORPORATION

Special Characteristics and Key Features Diagram (SCKFD)

Key Point(s):

- The Special Characteristics and Key Features Diagram is a document which identifies all key features and special characteristics.
- The Special Characteristics and Key Features Diagram shall be used :
  - to define production and laboratory ongoing periodic testing.
  - as a template for identifying the reporting items for trial inspection reports

Minimum Content Requirement(s):

- The Special Characteristics and Key Features Diagram shall include as a minimum:
  - All Special Characteristics
  - Dimensional key features. These may be in the form of a diagram with dimensions, tolerances etc. appended, a diagram with reference table showing relevant dimensions, tolerances etc. and a table of dimensions, tolerances.
  - Materials key features; (e.g. Specification type/grade. Mechanical and or chemical properties).
  - Performance/ Function related key features (e.g. spot weld nugget size / strength, plating, contamination etc.)
- All key features shall be uniquely identified.
- The supplier must ensure consistency throughout all documentation (e.g.: Control plan, Process Flow Chart , Special Characteristic and Key Features Diagram, Inspection Report, FMEA) for:
  - operation step numbering
  - product characteristics identification
- Items or features controlled by SPC (Statistical Process Control) should be identified as such on the document.

Output Document Description:

Item	Completion Instructions
Project	The Nissan Vehicle/Power train project for which the product is being developed/manufactured.
Special Characteristic	Tick all boxes that apply to the product being developed / manufactured.
Document Reference No./Version	The suppliers reference No. and version No. for the document.
Document Revision Date	The date of the latest revision of the document.

Printed versions of this document are not controlled by the version management system. Copyright © NISSAN

NISSAN
MOTOR CORPORATION

Document Origin Date	The date when the document was first issued.
Supplier Name	The supplier name.
Supplier Plant	The location at which the product will be manufactured.
Supplier Code	A unique code to each supplier, issued by Nissan purchasing department.
Author	The name of the person who created/revised the document.
e-mail	The e-mail address of the person who created/revised the document.
Tel	The telephone number of the person who created/revised the document.
Part Name	The part name or description as identified on the product drawing.
Part No.	The part No. and issue level as issued by Nissan design department.
Design Note No.	The latest design note number that applies to the product being developed / manufactured.
Prototype	Check (tick) this box if this is a Prototype Special Characteristics and Key Features Diagram.
Pre-Production / Pre-Launch	Check (tick) this box if this is a Pre-Production Special Characteristics and Key Features Diagram.
Production	Check (tick) this box if this is a Production Special Characteristics and Key Features Diagram.
Special Char. / Key Feature Ident'n (Special Characteristic / Key Feature Identification)	Characteristic class according to the Nissan requirements: ● Refer to the “4.5 Special Characteristic Management” Key Features Identification: ● The Supplier's own identification symbol should be used unless otherwise specified by Nissan. ● Key Features shall include features affecting type approval (homologation, certification and regulation) not included in Special Characteristics.
No.	Unique identification reference for each Special Characteristic or Key Feature identified
Product Characteristic	Product Characteristics are the features or properties of a part, component or assembly that are described on engineering documents e.g. drawings, specifications or other engineering information.
Specification/Tolerance	Specifications/ tolerances may be obtained from various engineering documents, such as, but not limited to, drawings, design reviews, material standard, computer-aided design data, manufacturing, and/ or assembly requirements.

Copyright © NISSAN