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Gauge Specification Sheet (GSS)

Key Point(s):

- The Gauge Specification Sheet is the document that is used to define the gauge specification for measuring characteristic/ area/ reference requested by Nissan.
- The document shall be used for all part specific gauges (variable and attribute).
- The suppliers gauge drawing shall be in-line with the Gauge Specifications sheet(s) and include tolerances on all dimensions, feature lines etc.
- The gauge specification should be based on the latest level drawing and specifications.

Minimum Content Requirement(s):

- Gauge Specification:
  The supplier shall create a part gauge specification for each gauge that has been designed specifically for the part, and which will achieve Nissan requirements.
  - Drawing
    The suppliers gauge drawing must be in-line with the gauge specification sheet(s) and include tolerances on all dimensions.
  - Bias/ Linearity/ Repeatability/ Reproducibility
    The gauge must be confirmed by the supplier for Bias/ Linearity/ Repeatability/Reproducibility and/or other methods as required and detailed on the Gauge Specification Sheet. The supporting documentation should be submitted with the Gauge Approval Sheet to Nissan on request.
  - Identification
    The gauge should be identified with the part number, design level and a unique gauge number. The gauge number shall be used to identify the gauge in the Suppliers calibration system.

Output Document Description:

Item	Completion Instructions
Header	
Project	Nissan Vehicle / Power train project for which the part is being developed / manufactured.
Special characteristics	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.

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Document Revision Date	The date of the latest revision of the document.
Document Origin Date	The date when the document was first issued.
Supplier Name	Supplier Company name.
Supplier Plant	Location at which the product will be produced. Note: If the site supplying off-tool parts for a trial build is different to that supplying off-process parts for a later trial, this should be discussed with Nissan and should be reflected in all project management documentation.
Supplier Code	Unique code to each supplier, issued by Nissan Purchasing Dept.
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.	As issued by Nissan design department.
Design Note No.	The latest design note number that applies to the product being developed / manufactured.
Drawing No.	As issued by Nissan design department.
Gauge Reference	Gauge identification number
Gauge Specification Sheet	
Interface Targets / Proximity Parts & Customer Agreed Check Points	Detail the interfacing checkpoints between the part and its environment (e.g. :the body in white or mating part). These check points give the mating part / body in white data required to support gauge manufacture, and must be agreed with Nissan.
Measuring / Check Points for Part Gauge (Visual and Coordinate Detail)	Detail the minimum check points as identified on the Special Characteristics & Key Features Diagram. The checkpoints must be levelled and agreed with the customer at gauge specification time (prior to gauge manufacture). The content should include a diagram and list of X,Y,Z co-ordinate check points.
Calibration frequency	Calibration schedule of gauge
Specification Details and Appended Support Document References	Detail all set up points, fasteners, fixing points and gauge datum's and any other information such as range, etc. All relevant dimensions to be included. Ensure that any appended supporting documents are referenced in this field.
Supplier Gauge Specification Approval: Name and signature/ Date	Supplier representative name, signature and date of approval for gauge specification

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