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Component Supply Chain Chart (CSCC)

Key Point(s):

- The Component Supply Chain Chart (CSCC) is a chart which visualizes the structure of the component supply chain to reinforce Tier N supplier management.

Minimum Content Requirement(s):

- The CSCC shall cover all tiers of the supply chain down to raw material level (including grease, sealant, solder, etc.).
- The document shall include details of the supplier names, plant locations, development experience and responsibility.
- Special Characteristics shall be identified at each tier using the appropriate symbols (Refer to the “4.5 Special Characteristics Management”)
- Key Features (as required) should be identified at each tier.
- For each confirmation item, please indicate "Y" or "N" (Yes or No). except S/T
- If it is imposed parts by Nissan, there is no need to fill in each confirmation item, so please write "N/A."
- Be sure to indicate Tier N production capacity and confirmation in column T/U.

Output Document Description:

Item	Completion Instructions
Project	The Nissan Vehicle/Powertrain 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.
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.

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Design Note No.			The latest design note number that applies to the product being developed / manufactured.
Supply Chain Structure and their component parts' name (Lv 1, Lv 2 .....Lv N)			Systematic description of the component hierarchy (Level). (When completing the document, enter the text directly into the cells on the excel sheet. Do not use text boxes to complete the document.)
Tier N			Indicate the hierarchy (Tier) of suppliers that manufacture the parts.
Quantity of Component (per Level 1 Assembly)			How many of the specified component are needed to produce 1 of the specified assembly For materials, enter XX g/kg etc. For bulk etc., enter N/A.
Supplier Feature	Supplier Name		The supplier name at which the products are manufactured.
	Manufacturing Plant	Plant Name	The plant name or location at which the products are manufactured.
		Country	The country where the manufacturing plant is located.
		State, City	The city and state where the manufacturing plant is located.
	Business Experience	New for the Tier N supplier	Input "Yes" if the sub-supplier is new to the Tier N supplier (no previous business relation) Indicate "Y" or "N" whether you have done business with Tier N supplier.
	Nissan imposed		Input "Yes" if the Tier N supplier is specified by Nissan Indicate "Y" or "N" whether Tier N supplier is imposed by Nissan
Manufacturing Feature	Plant/Process/ Line	New for the supplier	Indicate "Y" or "N" whether only a new manufacturing process or production line is used by the supplier in an existing Plant. Indicate "Greenfield" if a new manufacturing plant has to be built and used by the supplier.
	Method /Technology	New for the supplier	Indicate "Y" or "N" whether the product is manufactured using a new production method for the supplier.
Product Feature		New commodity for Tier1	Indicate "Y" or "N" whether the product is a new commodity for the supplier. (e.g. A metal supplier who will produce plastic parts for the first time etc.)
Development responsibility of the Tier N supplier			Information regarding the development responsibility of the Tier N supplier. Indicate "Y" or "N" whether the Tier N supplier has responsibility for development, such as making the part drawing.
Development experience of the Tier N supplier (Where development responsibility)	Development experience		Previous development and mass production experience of parts where function and performance requirements are similar to this part. Input "Yes" if the Tier N supplier has previous experience.
	Vehicle manufacturer and vehicle model		Input the name of the vehicle manufacturer and the vehicle model if the Tier N supplier has previous development and mass production experience.
Component Annual Volume (Tier N)			Annual volume that your supplier has committed to supply (must equal/exceed RFQ volume)

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Tier N Capacity Confirmed? Y/N	Indicate "Y" or "N" whether Tier N supplier capacity to achieve this volume has been confirmed
Comments	It can be used to inform the Nissan about main risks identified in the supply chain.

Note(s):

Nissan may request this additional detail:
The logistic lead time (in number of days) between Tier N suppliers

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