

Packaging Specification Sheet

Key Points

- The Packaging Specification Sheet is a document used to detail the packaging for delivers to Nissan.
- Packaging is a key element in Nissan Mexicana material logistics program. Parts ordering system will issue RAN (Release Authorization Number) order quantities based on multiples of approved packaging, and approximating to production requirements. Goal is to adopt the properly packaging for each part in order to has the best cost practice in to supply chain, minimize in-plant inventory and improve lineside conditions while utilizing environmentally sound materials for packaging. Requirements are listed below for developing acceptable packaging types. For further direction exceptions to above requirements, consult Packaging and Label Guideline Book or NMX packaging engineer.
- (1) Parts packed in hand held cartons/containers must not exceed 40 lb. (2) Hand held cartons/containers should be in even layers. Mixed pallet loads will be released as required. (3) All pallets must be stretch wrapped. (4) All mechanically handled loads must have 4 ways entry. (5) All packaging, expendable/returnable, must be stackable for transportation and storage. (6) Label identification shall be in accordance to Nissan's shipping/parts identification label standards (AIAG B3). (7) All hazardous materials shall be labeled and shipped in accordance to regional government regulations, shipper is responsible for compliance them. (8) Nissan approval of submitted packaging does not relieve supplier of responsibility as shipper for meeting carrier regulations and providing adequate protection for the contents of the packaging. (9) A packaging trial may be required at Nissan direction prior to part functional trial. (10) Any packaging problem notification must be attend within next 72 hrs. and a definitive solution up to 5 days after notification must be informed to Nissan. (11) If a packaging change is proposed, a new "PACKAGING SPECIFICATION" form must be submitted for approval.

Minimum Content Requirements

A Packaging Specification shall be completed for each part or part family.

Document Description

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Index	Indicate general information of the part number, buyer, supplier and model code
Part specification	Indicate information of the part as length, width, height, weight, Pieces per car, units per year, part finished, composition or nature
Hand held container (HHC) - only if apply	Indicate, SNP / HHC, length, width, height, volume, HHC/Layer, net weight, tare weight, gross weight

Dunnage / outer packaging and materials	Indicate type of packaging and quantity per module
Pallet or rack - max unit load (UL)	Indicate SNP, dimensions and weight
Returnable packaging specification	Indicate specifications for returnable packaging
Process	Days for the circuit of the returnable packaging
Order in lot size flexibility	Breakdown of pieces per layer
Packaging style	Indicate packaging style
Storage and Shipping	Specifications of the route: -Type of transportation -EXW/CIF -Frequency -Location of the factory
Waste material weight(kg)	Indicate the waste per material
Supplier sign off (manager level)	Signatures per department of supplier
NISSAN (internal use only)	Signatures per department of Nissan

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Index	Indicate general information of the part and supplier
Part illustration	Drawing front, side, top & isometric
Hand held handling method (illustration and brief narrative)	Digital simulation of packaging proposal, accommodation of the part inside the package
Max unit load handling method (illustration and brief narrative)	Proposal of the packaging module, complete view
Supplier sign off (manager level)	Signatures per department of supplier
NISSAN (internal use only)	Signatures per department of Nissan

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Index		Indicate general information of the part number, buyer, supplier and model code
GENERIC PART CONFIRMATION LIST	Part number	Indicate prefix and suffix of each part
	PPC	Parts per car
	Packaging	Indicate the quantities per packing
	SNP	Indicate the SNP
Waste material weight(kg)		Indicate the waste per material
Supplier sign off (manager level)		Signatures per department of supplier
NISSAN (internal use only)		Signatures per department of Nissan