



# CUMMINS SITE SPECIFIC PACKAGING REQUIREMENTS





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## ***SCOPE***

This Standard highlight unique requirements of Cummins plants and part distribution centers (PDC) that are not covered in the respective Global Packaging Standards (GPS).

Apart from the general requirements and limitations mentioned in the GPS, suppliers must understand the receiving facility's site-specific requirements and take them into consideration when developing packaging proposals. Additional requirements not covered in this document should be directed to and approved by the Packaging Representative at the respective site.

This Standard is intended to cover all new sourced parts and not intended to be retroactive for legacy parts. When continuous improvement changes or corrective actions are requested for legacy parts, suppliers must comply with these site-specific requirements.

## ***PURPOSE***

Compliance to the GPS ensures efficiency in delivering quality parts to the point of use and promotes standardization throughout all sites. The requirements set forth in this Standard establish additional site-specific requirements beyond those defined in the GPS to facilitate the first-time-right submission of packaging data sheets (PDS).

## ***NOTE:***

For any questions regarding site-specific requirements, please contact the respective site Packaging Representative noted below.



## SITE SPECIFIC REQUIREMENTS

### CHARLESTON TURBO PLANT

Location: Charleston, SC

Packaging Representative: Arturo Pua, Danielle Gibbs

Representative email: [arturo.pua@cummins.com](mailto:arturo.pua@cummins.com) , [danielle.gibbs@cummins.com](mailto:danielle.gibbs@cummins.com)

Pallet:	As per Global Packaging Standards
Weight:	As per Global Packaging Standards
Label:	As per Global Packaging Standards
Banding:	As per Global Packaging Standards
Height Restrictions:	Unit load cannot exceed 36 inches/ 914 mm gross height from floor
Preservation:	As per Global Packaging Standards
Failsafing measure:	N/A
Restricted Packaging Materials:	Wooden crates from India are prohibited as experience shows such packages are susceptible to mold propagation during monsoon season, posing health issues to warehouse personnel
Packaging Regulations:	As per Global Packaging Standards
Packaging Validation:	Follow ISTA test protocol that is appropriate for the transportation mode for these major components: Comp Cover, Turbine Housing, Bearing Housing, Shaft & Wheel, Impeller, Actuator and Cores. Contact Packaging Representative for further information
Returnable container:	As per Global Packaging Standards
Part Orientation:	N/A
Additional requirements:	N/A



## CHINA PART DISTRIBUTION CENTER

Location: China PDC

Packaging Representative: Will Chen

Representative email: [will.chen@cummins.com](mailto:will.chen@cummins.com)

Pallet:	As per Global Packaging Standards  Any wood packaging materials that have been treated with Methyl Bromide are forbidden. This includes pallets, crates or dunnage that is solid wood and falls within the ISPM 15 guidelines. Only heat treated wood is acceptable.
Weight:	The gross weight for manually handled containers must be 16kg / 35 lbs. or less, and mechanically handled packages/containers/equipment must be 500 kg/ 1102 lbs. or less
Label:	As per Global Packaging Standards
Banding:	As per Global Packaging Standards
Height Restrictions:	As per Global Packaging Standards
Preservation:	As per Global Packaging Standards
Failsafing measure:	Yes, contact Packaging Representative for further information
Restricted Packaging Materials:	As per Global Packaging Standards  Any wood packaging materials that have been treated with Methyl Bromide are forbidden. This includes pallets, crates or dunnage that is solid wood and falls within the ISPM 15 guidelines. Only heat treated wood is acceptable.
Packaging Regulations:	As per Global Packaging Standards
Packaging Validation:	As per Global Packaging Standards
Returnable container:	As per Global Packaging Standards
Part Orientation:	N/A
Additional requirements:	N/A



**COLUMBUS ENGINE PLANT – LDD:**

Location: Columbus, IN

Packaging Representative: Bryce Haskett

Representative email: [bryce.haskett@cummins.com](mailto:bryce.haskett@cummins.com)

Pallet:	As per Global Packaging Standards.
Weight:	As per Global Packaging Standards
Label:	As per Global Packaging Standards
Banding:	As per Global Packaging Standards
Height Restrictions:	As per Global Packaging Standards
Preservation:	Only silica based desiccant may be used for all LDD Parts
Failsafing measure:	Returnable totes/bulk boxes with dunnage inside to pack the part in a certain manner
Restricted Packaging Materials:	Do not use clay desiccant
Packaging Regulations:	As per Global Packaging Standards
Packaging Validation:	As per Global Packaging Standards
Returnable container:	Do not pack parts into broken totes/bulk boxes.
Part Orientation:	Parts are in returnable totes/ bulk boxes and have specific part orientation. Contact Packaging Representative for further information
Additional requirements:	If shortage of returnable packaging should occur, approval must be obtained before shipping expendable packaging. Contact Packaging Representative if any exceptions.

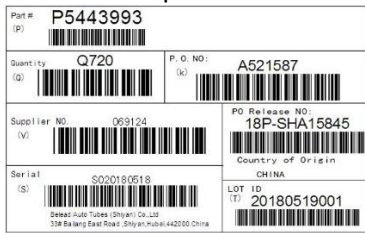


**COLUMBUS MID RANGE ENGINE PLANT**

Location: Columbus, IN

Packaging Representative: Anush Sukumar

Representative email: [anush.sukumar@cummins.com](mailto:anush.sukumar@cummins.com)

Pallet:	As per Global Packaging Standards
Weight:	As per Global Packaging Standards
Label:	<p>Master Label - Lot ID – for each skid of parts, format the Lot ID as follows:</p> <ul style="list-style-type: none"> <li>a) The bar code font needs to be – Code 3 of 9 standard</li> <li>b) The bar code needs to start with the lead-in character: (T)</li> <li>c) The length of the bar code is restricted to 12 characters – can have a variable length within this limit</li> </ul> <p>Below is an example of the Lot ID:</p> 
Banding:	As per Global Packaging Standards
Height Restrictions:	As per Global Packaging Standards
Preservation:	As per Global Packaging Standards
Failsafing measure:	N/A
Restricted Packaging Materials:	As per Global Packaging Standards
Packaging Regulations:	As per Global Packaging Standards
Packaging Validation:	As per Global Packaging Standards
Returnable container:	As per Global Packaging Standards
Part Orientation:	N/A
Additional requirements:	N/A





## CUMMINS BRAZIL LIMITED

Location: Sao Paulo, Brazil

Packaging Representative: Leonardo Alves

Representative email: [leonardo.alves@cummins.com](mailto:leonardo.alves@cummins.com)

Pallet:	As per Global Packaging Standards  Any wood packaging materials that have been treated with Methyl Bromide are forbidden. This includes pallets, crates or dunnage that is solid wood and falls within the ISPM 15 guidelines. Only heat treated wood is acceptable.
Weight:	As per Global Packaging Standards
Label:	As per Global Packaging Standards
Banding:	As per Global Packaging Standards
Height Restrictions:	As per Global Packaging Standards
Preservation:	As per Global Packaging Standards
Failsafing measure:	N/A
Restricted Packaging Materials:	As per Global Packaging Standards  Any wood packaging materials that have been treated with Methyl Bromide are forbidden. This includes pallets, crates or dunnage that is solid wood and falls within the ISPM 15 guidelines. Only heat treated wood is acceptable.
Packaging Regulations:	As per Global Packaging Standards
Packaging Validation:	As per Global Packaging Standards
Returnable container:	As per Global Packaging Standards
Part Orientation:	N/A
Additional requirements:	N/A



### **CUMMINS FILTRATION BUSINESS UNIT**

Location: Nashville, TN

Packaging Representative: Sumeet Khedkar

Representative email: [sumeet.khedkar@cummins.com](mailto:sumeet.khedkar@cummins.com)

Pallet:	As per Global Packaging Standards
Weight:	As per Global Packaging Standards
Label:	As per Global Packaging Standards
Banding:	As per Global Packaging Standards
Height Restrictions:	As per Global Packaging Standards. Alternative unit load height only if requirements are highlighted by customer(s). Contact Packaging Representative for further information
Preservation:	As per Global Packaging Standards
Failsafing measure:	N/A
Restricted Packaging Materials:	As per Global Packaging Standards
Packaging Regulations:	As per Global Packaging Standards
Packaging Validation:	ISTA Certified packaging required for Cummins Filtration parts. The necessity or type of testing is based on nature of the part, part dimensions, parts per carton, cartons per pallet, and destination of the shipment. Test method to be used will be defined by these characteristics. Contact Packaging Representative for further information.
Returnable container:	As per Global Packaging Standards
Part Orientation:	N/A
Additional requirements:	N/A



## CUMMINS TURBO TECHNOLOGIES - CHINA

Location: China

Packaging Representative: Xifeng Zhou

Representative email: [xifeng.zhou@cummins.com](mailto:xifeng.zhou@cummins.com)

Pallet:	Standard pallet sizes (mm):	800 x 600 x 120 1080 x 880 x 120 1080 x 880 x 124 1120 x 750 x 120 1170 x 690 x 120 1170 x 690 x 170 1200 x 800 x 124
Weight:	As per Global Packaging Standards	
Label:	As per Global Packaging Standards	
Banding:	As per Global Packaging Standards	
Height Restrictions:	Unit load cannot exceed 1000mm/39.37 inches gross height from floor	
Preservation:	As per Global Packaging Standards	
Failsafing measure:	Yes, contact Packaging Representative for further information	
Restricted Packaging Materials:	As per Global Packaging Standards	
Packaging Regulations:	As per Global Packaging Standards	
Packaging Validation:	Yes, contact Packaging Representative for further information	
Returnable container:	Yes, contact Packaging Representative for further information	
Part Orientation:	Yes, contact Packaging Representative for further information	
Additional requirements:	N/A	



## DARLINGTON ENGINE PLANT

Location: Darlington, UK

Packaging Representative: Chad Couch

Representative email: [chad.couch@cummins.com](mailto:chad.couch@cummins.com)

Pallet:	Plywood or block plywood style pallets are prohibited. Pallet ISPM 15 compliant pallets must utilize heat treatment method. Methyl Bromide treated pallets are forbidden.
Weight:	Gross weight for primary container must be 30lbs/13.6kgs or less
Label:	As per Global Packaging Standards
Banding:	Use either banding or stretch wrapping as a mode for load securement, but not both
Height Restrictions:	Unit load cannot exceed 1219mm/48 inches gross height from floor
Preservation:	Avoid the use of rust preventative oil on parts. It should be used only when VCI/desiccant proves to be ineffective.
Failsafing measure:	As per Global Packaging Standards
Restricted Packaging Materials:	Foam dunnage such as Ethylene, Propylene, Styrene and Urethane foams are prohibited. Contact Packaging Representative for further information or exceptions.  Any wood packaging materials that have been treated with Methyl Bromide are forbidden. This includes pallets, crates or dunnage that is solid wood and falls within the ISPM 15 guidelines. Only heat treated wood is acceptable.
Packaging Regulations:	European Parliament and Council Directive 94/62/EC; (EN 13428) (EN 13429), (EN 13430), (EN 13431), (EN 13432) (CR 13695-1). Directive (EU) 2015/720
Packaging Validation:	Performance validation per ISTA 2 series for inbound raw material
Returnable container:	Provide a minimum two weeks' notice of reduction in packaging on hand. Consolidate and report back damaged or non-conforming returnable packaging. Notify Packaging Representative and Cummins Sourcing Manager prior to any use of expendable packaging. Comply with packing and handling instructions provided by receiving plant. Propose changes to or modifications of returnable packaging design to the Packaging Representative. No packaging modifications are authorized without Packaging Data Sheet(PDS) submission for review
Part Orientation:	The following parts require specific part orientation: Blocks, Cylinder heads, Crankshafts, Camshafts, Valves, Injectors, Pistons, Cylinder head gaskets, Fuel pumps, water pumps, Turbos, Fuel Supply Lines, Air intake manifolds, connection pipes, Exhaust manifolds, Main bearing caps, Thermostats, Flywheels, Balancers, Camshaft gears, Fuel Rails, Oil Pans, Oil Seals, Connecting Rods, Main Bearings, Thrust Bearings, Piston Cooling nozzles. Contact Packaging Representative for further details
Additional requirements:	After PPAP, packaging is approved and implemented. Packaging changes must be submitted and approved via the PDS review process. A test shipment must also be performed prior to full approval by the Packaging Representative.



## DAVENTRY ENGINE PLANT

Location: Daventry, UK

Packaging Representative: John Fassam

Representative email: [john.fassam@cummins.com](mailto:john.fassam@cummins.com)

Pallet:	Pallet length must not exceed 1200mm/47.2 inches. Standard U.S. stringer-style pallets are too large and overhang racks. Pallet ISPM 15 compliant pallets must utilize heat treatment method. Methyl Bromide treated pallets are forbidden.
Weight:	As per Global Packaging Standard. Mechanical equipment has greater capacity than heaviest pallet/stillage received which is a maximum of 1000kg/ 2204 lbs., this is to ensure weight in the racks is not exceeded
Label:	As per Global Packaging Standards
Banding:	As per Global Packaging Standards
Height Restrictions:	Unit loads height should not exceed 1016mm /40 inches; exception can be made if necessary. Contact Packaging Representative before exceptions  Any wood packaging materials that have been treated with Methyl Bromide are forbidden. This includes pallets, crates or dunnage that is solid wood and falls within the ISPM 15 guidelines. Only heat treated wood is acceptable.
Preservation:	As per Global Packaging Standards
Failsafing measure:	Some components are required to use dedicated inserts made from plastic or foam. Contact Packaging Representative for further information
Restricted Packaging Materials:	Box/crate lids to be screwed. Nailing and tongue-type fasteners are prohibited.  Any wood packaging materials that have been treated with Methyl Bromide are forbidden. This includes pallets, crates or dunnage that is solid wood and falls within the ISPM 15 guidelines. Only heat treated wood is acceptable.
Packaging Regulations:	As per Global Packaging Standards
Packaging Validation:	Supplier packaging testing is dependent on volume, cost and supplier location. Contact Packaging Representative for further information
Returnable container:	As per Global Packaging Standards
Part Orientation:	Yes, contact Packaging Representative for further information
Additional requirements:	N/A



## QUIMPER FILTRATION SITE

Location: Quimper, France

Packaging Representative: Mireille Hascoet

Representative email: [mireille.hascoet@cummins.com](mailto:mireille.hascoet@cummins.com)

Pallet:	Pallet ISPM 15 compliant pallets must utilize heat treatment method. Methyl Bromide treated pallets are forbidden.
Weight:	As per Global Packaging Standards
Label:	As per Global Packaging Standards
Banding:	As per Global Packaging Standards
Height Restrictions:	As per Global Packaging Standards
Preservation:	As per Global Packaging Standards
Failsafing measure:	As per Global Packaging Standards
Restricted Packaging Materials:	As per Global Packaging Standards  Any wood packaging materials that have been treated with Methyl Bromide are forbidden. This includes pallets, crates or dunnage that is solid wood and falls within the ISPM 15 guidelines. Only heat treated wood is acceptable.
Packaging Regulations:	As per Global Packaging Standards
Packaging Validation:	Supplier packaging testing is dependent on volume, cost and supplier location. Contact Packaging Representative for further information
Returnable container:	As per Global Packaging Standards
Part Orientation:	As per Global Packaging Standards
Additional requirements:	See QP-LEA-03; <b>Packaging and Labelling Guidelines for Suppliers Shipping to Cummins Filtration Quimper plant.</b> Contact Site Representative or Sourcing Manager for a copy of the document.



## **MARKHEIDENFIELD EMISSION SOLUTIONS SITE**

Location: Markheidenfield Germany

Packaging Representative: Alan Marron

Representative email: [alan.marron@cummins.com](mailto:alan.marron@cummins.com)

Pallet:	Pallet ISPM 15 compliant pallets must utilize heat treatment method. Methyl Bromide treated pallets are forbidden.
Weight:	As per Global Packaging Standards
Label:	As per Global Packaging Standards
Banding:	As per Global Packaging Standards
Height Restrictions:	As per Global Packaging Standards
Preservation:	As per Global Packaging Standards
Failsafing measure:	As per Global Packaging Standards
Restricted Packaging Materials:	As per Global Packaging Standards  Any wood packaging materials that have been treated with Methyl Bromide are forbidden. This includes pallets, crates or dunnage that is solid wood and falls within the ISPM 15 guidelines. Only heat treated wood is acceptable.
Packaging Regulations:	As per Global Packaging Standards
Packaging Validation:	Supplier packaging testing is dependent on volume, cost and supplier location. Contact Packaging Representative for further information
Returnable container:	As per Global Packaging Standards
Part Orientation:	As per Global Packaging Standards
Additional requirements:	N/A



### **DARLINGTON EMISSION SOLUTIONS SITE**

Location: Darlington, UK

Packaging Representative: Alan Marron

Representative email: [alan.marron@cummins.com](mailto:alan.marron@cummins.com)

Pallet:	Pallet ISPM 15 compliant pallets must utilize heat treatment method. Methyl Bromide treated pallets are forbidden.
Weight:	As per Global Packaging Standards
Label:	As per Global Packaging Standards
Banding:	As per Global Packaging Standards
Height Restrictions:	As per Global Packaging Standards
Preservation:	As per Global Packaging Standards
Failsafing measure:	As per Global Packaging Standards
Restricted Packaging Materials:	As per Global Packaging Standards  Any wood packaging materials that have been treated with Methyl Bromide are forbidden. This includes pallets, crates or dunnage that is solid wood and falls within the ISPM 15 guidelines. Only heat treated wood is acceptable.
Packaging Regulations:	As per Global Packaging Standards
Packaging Validation:	Supplier packaging testing is dependent on volume, cost and supplier location. Contact Packaging Representative for further information
Returnable container:	As per Global Packaging Standards
Part Orientation:	As per Global Packaging Standards
Additional requirements:	N/A





### **DAVENTRY POWER SYSTEMS SITE**

Location: Daventry, UK

Packaging Representative: John Fassam

Representative email: [john.fassam@cummins.com](mailto:john.fassam@cummins.com)

Pallet:	Pallet length must not exceed 1200mm/47.2 inches. Standard U.S. stringer-style pallets are too large and overhang racks. Pallet ISPM 15 compliant pallets must utilize heat treatment method. Methyl Bromide treated pallets are forbidden.
Weight:	As per Global Packaging Standard. Mechanical equipment has greater capacity than heaviest pallet/stillage received which is a maximum of 1000kg/ 2204 lbs., this is to ensure weight in the racks is not exceeded
Label:	As per Global Packaging Standards
Banding:	As per Global Packaging Standards
Height Restrictions:	Unit loads height should not exceed 1016mm /40 inches; exception can be made if necessary. Contact Packaging Representative before exceptions
Preservation:	As per Global Packaging Standards
Failsafing measure:	Some components are required to use dedicated inserts made from plastic or foam. Contact Packaging Representative for further information
Restricted Packaging Materials:	Box/crate lids to be screwed. Nailing and tongue-type fasteners are prohibited.  Any wood packaging materials that have been treated with Methyl Bromide are forbidden. This includes pallets, crates or dunnage that is solid wood and falls within the ISPM 15 guidelines. Only heat treated wood is acceptable.
Packaging Regulations:	As per Global Packaging Standards
Packaging Validation:	Supplier packaging testing is dependent on volume, cost and supplier location. Contact Packaging Representative for further information
Returnable container:	As per Global Packaging Standards
Part Orientation:	Yes, contact Packaging Representative for further information
Additional requirements:	N/A



### **KENT POWER SYSTEMS SITE**

Location: Kent, UK

Packaging Representative: John Fassam

Representative email: [john.fassam@cummins.com](mailto:john.fassam@cummins.com)

Pallet:	Pallet ISPM 15 compliant pallets must utilize heat treatment method. Methyl Bromide treated pallets are forbidden.
Weight:	As per Global Packaging Standards
Label:	As per Global Packaging Standards
Banding:	As per Global Packaging Standards
Height Restrictions:	As per Global Packaging Standards
Preservation:	As per Global Packaging Standards
Failsafing measure:	As per Global Packaging Standards
Restricted Packaging Materials:	As per Global Packaging Standards Any wood packaging materials that have been treated with Methyl Bromide are forbidden. This includes pallets, crates or dunnage that is solid wood and falls within the ISPM 15 guidelines. Only heat treated wood is acceptable.
Packaging Regulations:	As per Global Packaging Standards
Packaging Validation:	Supplier packaging testing is dependent on volume, cost and supplier location. Contact Packaging Representative for further information
Returnable container:	As per Global Packaging Standards
Part Orientation:	As per Global Packaging Standards
Additional requirements:	N/A



### **HUDDERSFIELD TURBO TECHNOLOGIES SITE**

Location: Huddersfield, UK

Packaging Representative: Paul Harris

Representative email: [paul.harris@cummins.com](mailto:paul.harris@cummins.com)

Pallet:	Pallet ISPM 15 compliant pallets must utilize heat treatment method. Methyl Bromide treated pallets are forbidden.
Weight:	As per Global Packaging Standards
Label:	As per Global Packaging Standards
Banding:	As per Global Packaging Standards
Height Restrictions:	As per Global Packaging Standards
Preservation:	As per Global Packaging Standards
Failsafing measure:	As per Global Packaging Standards
Restricted Packaging Materials:	As per Global Packaging Standards Any wood packaging materials that have been treated with Methyl Bromide are forbidden. This includes pallets, crates or dunnage that is solid wood and falls within the ISPM 15 guidelines. Only heat treated wood is acceptable.
Packaging Regulations:	As per Global Packaging Standards
Packaging Validation:	Supplier packaging testing is dependent on volume, cost and supplier location. Contact Packaging Representative for further information
Returnable container:	As per Global Packaging Standards
Part Orientation:	As per Global Packaging Standards
Additional requirements:	N/A



### **CRAIOVA GENERATOR TECHNOLOGIES SITE**

Location: Craiova, Romania

Packaging Representative: Alan Marron

Representative email: [alan.marron@cummins.com](mailto:alan.marron@cummins.com)

Pallet:	Pallet ISPM 15 compliant pallets must utilize heat treatment method. Methyl Bromide treated pallets are forbidden.
Weight:	As per Global Packaging Standards
Label:	As per Global Packaging Standards
Banding:	As per Global Packaging Standards
Height Restrictions:	As per Global Packaging Standards
Preservation:	As per Global Packaging Standards
Failsafing measure:	As per Global Packaging Standards
Restricted Packaging Materials:	As per Global Packaging Standards Any wood packaging materials that have been treated with Methyl Bromide are forbidden. This includes pallets, crates or dunnage that is solid wood and falls within the ISPM 15 guidelines. Only heat treated wood is acceptable.
Packaging Regulations:	As per Global Packaging Standards
Packaging Validation:	Supplier packaging testing is dependent on volume, cost and supplier location. Contact Packaging Representative for further information
Returnable container:	As per Global Packaging Standards
Part Orientation:	As per Global Packaging Standards
Additional requirements:	N/A



### **CUMBERNAULD DIESEL RECON SITE**

Location: Cumbernauld Scotland

Packaging Representative: Colin Pettigrew, Mike Devaney, David Russell

Representative email: [colin.pettigrew@cummins.com](mailto:colin.pettigrew@cummins.com), [mike.devaney@cummins.com](mailto:mike.devaney@cummins.com),  
[david.russell@cummins.com](mailto:david.russell@cummins.com)

Pallet:	Pallet ISPM 15 compliant pallets must utilize heat treatment method. Methyl Bromide treated pallets are forbidden.
Weight:	As per Global Packaging Standards
Label:	As per Global Packaging Standards
Banding:	As per Global Packaging Standards
Height Restrictions:	As per Global Packaging Standards
Preservation:	As per Global Packaging Standards
Failsafing measure:	As per Global Packaging Standards
Restricted Packaging Materials:	As per Global Packaging Standards Any wood packaging materials that have been treated with Methyl Bromide are forbidden. This includes pallets, crates or dunnage that is solid wood and falls within the ISPM 15 guidelines. Only heat treated wood is acceptable.
Packaging Regulations:	As per Global Packaging Standards
Packaging Validation:	Supplier packaging testing is dependent on volume, cost and supplier location. Contact Packaging Representative for further information
Returnable container:	As per Global Packaging Standards
Part Orientation:	As per Global Packaging Standards
Additional requirements:	N/A



### **ELECTRIFIED POWER BUSINESS UNIT**

Location: Columbus, IN

Packaging Representative: Dan O'Neil

Representative email: [daniel.oneil@cummins.com](mailto:daniel.oneil@cummins.com)

Pallet:	TBD. Contact Packaging Representative for further information
Weight:	TBD. Contact Packaging Representative for further information
Label:	For hazardous materials, labeling must be compliant with hazardous material identification requirements
Banding:	Cells must be banded/strapped
Height Restrictions:	As per Global Packaging Standards
Preservation:	As per Global Packaging Standards
Failsafing measure:	N/A
Restricted Packaging Materials:	As per Global Packaging Standards
Packaging Regulations:	As per Global Packaging Standards
Packaging Validation:	As per Global Packaging Standards
Returnable container:	As per Global Packaging Standards
Part Orientation:	N/A
Additional requirements:	N/A



## **FUEL SYSTEMS COLUMBUS**

Location: Columbus, IN

Packaging Representative: William Murray

Representative email: [murray.william@cummins.com](mailto:murray.william@cummins.com)

Pallet:	As per Global Packaging Standards
Weight:	As per Global Packaging Standards
Label:	As per Global Packaging Standards
Banding:	As per Global Packaging Standards
Height Restrictions:	As per Global Packaging Standards
Preservation:	As per Global Packaging Standards
Failsafing measure:	N/A
Restricted Packaging Materials:	As per Global Packaging Standards
Packaging Regulations:	As per Global Packaging Standards
Packaging Validation:	As per Global Packaging Standards
Returnable container:	As per Global Packaging Standards
Part Orientation:	Plungers and nozzles must be shipped upright
Additional requirements:	All high horse power timers, lowers, and uppers from NCT required to be poly bagged



## INDIA PART DISTRIBUTION CENTER

Location: India

Packaging Representative: Arun P

Representative email: [arun.p@cummins.com](mailto:arun.p@cummins.com)

Pallet:	If rack storable the pallet dimensions should be 1000mm X 800mm / 39 X 31 inches. Contact Packaging Representative for further information if exceptions are required.  Any wood packaging materials that have been treated with Methyl Bromide are forbidden. This includes pallets, crates or dunnage that is solid wood and falls within the ISPM 15 guidelines. Only heat treated wood is acceptable.
Weight:	As per Global Packaging Standards
Label:	As per Global Packaging Standards
Banding:	As per Global Packaging Standards
Height Restrictions:	As per Global Packaging Standards
Preservation:	As per Global Packaging Standards for New and Reconditioned (ReCon) parts. Contact Packaging Representative for further information if exceptions are required.
Failsafing measure:	N/A
Restricted Packaging Materials:	Polystyrene foam and hazardous materials are prohibited  Any wood packaging materials that have been treated with Methyl Bromide are forbidden. This includes pallets, crates or dunnage that is solid wood and falls within the ISPM 15 guidelines. Only heat treated wood is acceptable.
Packaging Regulations:	As per Global Packaging Standards
Packaging Validation:	As per Global Packaging Standards
Returnable container:	As per Global Packaging Standards
Part Orientation:	Specific orientation may be required for parts above 15kg/33lbs. Contact Packaging Representative for further information
Additional requirements:	N/A





### **JAMESTOWN ENGINE PLANT**

Location: Jamestown, NY

Packaging Representative: Lewis Stockhausen

Representative email: [lewis.a.stockhausen@cummins.com](mailto:lewis.a.stockhausen@cummins.com)

Pallet:	Four-way entry pallet recommended
Weight:	Gross weight for manually handled packages must be 30 lbs./13.6 kg or less
Label:	All shipments must have a packing slip
Banding:	As per Global Packaging Standards
Height Restrictions:	Packaging placed on cart for delivery cannot exceed 30 inches/762 mm gross height
Preservation:	As per Global Packaging Standards
Failsafing measure:	Parts are assembled and packed in sets. Contact Packaging Representative for further information
Restricted Packaging Materials:	As per Global Packaging Standards
Packaging Regulations:	As per Global Packaging Standards
Packaging Validation:	As per Global Packaging Standards
Returnable container:	Returnable packaging is JEP's responsibility and engine skid is customer's responsibility for freight cost. Contact Packaging Representative for further information.
Part Orientation:	N/A
Additional requirements:	N/A



## MEMPHIS DISTRIBUTION CENTER

Location: Memphis, TN

Packaging Representative: Ameya Kulkarni, Jo Qiao

Representative email: [ameya.kulkarni@cummins.com](mailto:ameya.kulkarni@cummins.com) , [jo.qiao@cummins.com](mailto:jo.qiao@cummins.com)

Pallet:	Winged, OSB/CDX/MDF/similar multi-ply material, and pressed wood pallets are prohibited  Any wood packaging materials that have been treated with Methyl Bromide are forbidden. This includes pallets, crates or dunnage that is solid wood and falls within the ISPM 15 guidelines. Only heat treated wood is acceptable.
Weight:	As per Global Packaging Standards
Label:	As per Global Packaging Standards
Banding:	As per Global Packaging Standards
Height Restrictions:	Unit load cannot exceed 36 inches/ 914 mm gross height from floor
Preservation:	As per Global Packaging Standards
Failsafing measure:	N/A
Restricted Packaging Materials:	As per Global Packaging Standards  Any wood packaging materials that have been treated with Methyl Bromide are forbidden. This includes pallets, crates or dunnage that is solid wood and falls within the ISPM 15 guidelines. Only heat treated wood is acceptable.
Packaging Regulations:	As per Global Packaging Standards
Packaging Validation:	All high Defects Per Million Opportunities (DPMO) parts and high value parts require performance testing per ISTA 3A/6A test protocol. Contact Packaging Representative for further information.
Returnable container:	As per Global Packaging Standards
Part Orientation:	N/A
Additional requirements:	Individual parts with Cummins branded packaging and Cummins labels must comply with Global Packaging Standard - New & ReCon Parts

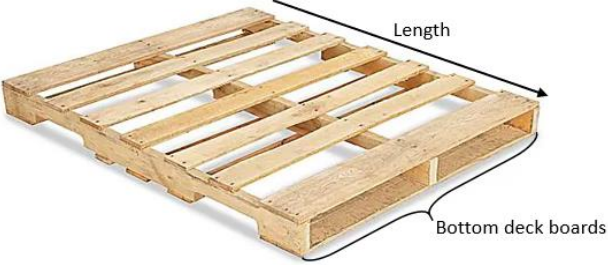


**FRIDLEY POWER GENERATION PLANT**

Location: Fridley, MN

Packaging Representative: Christian Rea

Representative email: [christian.rea@cummins.com](mailto:christian.rea@cummins.com)

<p>Pallet:</p>	<p>Wood treatment and pallet construction as per Global Packaging Standards. Additionally, pallets of a 36" x 36" footprint or greater require bottom deck boards as a failsafe measure. Bottom deck boards must be aligned perpendicularly to the length-direction (longest dimension) of the pallet, to allow fork entry along this direction.</p>  <p>Any pallet with a footprint smaller than 36" x 36" requires site approval via PDS process. Pallets constructed in-house by suppliers require PDS approval and must comply with both Global and Site Packaging Standards.</p>
<p>Weight:</p>	<p>As per Global Packaging Standards.</p>
<p>Label:</p>	<p>As per Global Packaging Standards. Suppliers must adhere to military part labeling standards when requested by Cummins.</p>
<p>Banding:</p>	<p>As per Global Packaging Standards.</p>
<p>Height Restrictions:</p>	<p>Ergonomic restrictions may be required for proper lineside or kitting presentation. Contact Packaging Representative for further information.</p>
<p>Preservation:</p>	<p>Anti-corrosion measures ensuring part protection for six months are required. Suppliers are encouraged to use desiccant and VCI materials compliant with Global Packaging Standards.</p>
<p>Failsafing Measure:</p>	<p>Parts shipped via flat-truck must be sufficiently packaged or contained to protect against road-spray: a corrosive mixture of water, salt, and debris.</p> <p>Refer to the Pallet section for additional failsafing requirements.</p>
<p>Restricted Packaging Materials:</p>	<p>As per Global Packaging Standards.</p>
<p>Packaging Regulations:</p>	<p>As per Global Packaging Standards.</p>
<p>Packaging Validation:</p>	<p>ISTA 3B is the most common testing series. Finite Element Analysis (FEA) may be sufficient for testing large or heavy products outside the capacity of packaging testing labs. Contact Packaging Representative for further information to determine which testing series or method is appropriate.</p>



**FRIDLEY POWER GENERATION PLANT – Continued**

Returnable Packaging:	<p>As per Global Packaging Standards. Suppliers must have an approved expendable PDS as a contingency plan for returnable delays; submission of a returnable PDS before an expendable PDS approval will result in an automatic rejection within the system.</p> <p>Supplier-owned returnable fleet calculations are to include a rate of asset and fleet degradation over time. Suppliers should inspect their assets every 20 loops and maintain continued tracking of their fleets. Cummins is not responsible for sizing supplier-owned fleets or maintaining said assets.</p> <p>The Cummins Fridley Plant partners with a third-party company to offer a leased returnable container program for suppliers. Please contact the Packaging Representative for more information.</p>
Part Orientation:	<p>Hedgehog engines must use their designated steel rack to assure correct orientation.</p> <p>Ergonomic restrictions may be required for proper lineside or kitting presentation. Contact Packaging Representative for further information.</p>
Additional Requirements:	<p>Contact the Packaging Representative with any questions.</p>



### **ROCKY MOUNT ENGINE PLANT**

Location: Rocky Mount, NC

Packaging Representative: Jude DeLoye

Representative email: jude.deloye@cummins.com

Pallet:	As per Global Packaging Standards
Weight:	As per Global Packaging Standards for manually handled containers
Label:	As per Global Packaging Standards
Banding:	As per Global Packaging Standards
Height Restrictions:	As per Global Packaging Standards
Preservation:	As per Global Packaging Standards
Failsafing measure:	N/A
Restricted Packaging Materials:	As per Global Packaging Standards
Packaging Regulations:	As per Global Packaging Standards
Packaging Validation:	As per Global Packaging Standards
Returnable container:	As per Global Packaging Standards
Part Orientation:	Heat exchangers and valve springs have specific orientation. Contact Packaging Representative for further information
Additional requirements:	N/A



### **RUMST PARTS DISTRIBUTION CENTER (RUMST PDC)**

Location: Rumst, Belgium

Packaging Representative: Erwin Oris

Representative email: [erwin.oris@cummins.com](mailto:erwin.oris@cummins.com)

Pallet:	<p>Only block style pallets are accepted. Contact the Packaging Representative if exceptions are required.</p> <p>New &amp; ReCon parts: If no repack is required upon arrival, the pallet dimensions should be 1000 mm x 800 mm (39 inch x 31 inch). Contact the Packaging Representative if exceptions are required.</p> <p>Filtration parts should arrive on 1200 mm x 800 mm (47 inch x 31 inch) or 1200 mm x 1000 mm (47 inch x 39 inch) pallets. Contact the Packaging Representative for further information if exceptions are required.</p>
Weight:	Parts over 40 kg should arrive individually packed in crates or in a one part per pallet setup, that can be mechanically handled. Contact the Packaging Representative if exceptions are required.
Label:	As per Global Packaging Standards
Banding:	As per Global Packaging Standards
Height Restrictions:	<p>The load height of New &amp; ReCon parts that do not require any repackaging and whose weight is no more than 15 kg, cannot exceed 800 mm. Contact the Packaging representative if exceptions are required.</p> <p>The load height of filtration parts cannot exceed 1200 mm. Contact the Packaging representative if exceptions are required.</p>
Preservation:	All metal parts should arrive individually protected from corrosion, with a minimum shelf life of 18 months.
Failsafing measure:	N/A
Restricted Packaging Materials:	<p>Foam dunnage such as Ethylene, Propylene, Styrene and Urethane foams are prohibited. Other prohibited materials can be found in the packaging standard for New and Recon parts. Contact the Packaging Representative for further information if exceptions are required.</p> <p>ISPM15 non-compliant wood is not allowed. Contact the Packaging Representative for further information if exceptions are required.</p> <p>Any wood packaging materials that have been treated with Methyl Bromide are forbidden. This includes pallets, crates or dunnage that is solid wood and falls within the ISPM 15 guidelines. Only heat treated wood is acceptable.</p>
Packaging Regulations:	European Parliament and Council Directive 94/62/EC; (EN 13428) (EN 13429), (EN 13430), (EN 13431), (EN 13432) (CR 13695-1). Directive (EU) 2015/720.
Packaging Validation:	As per Global Packaging Standards



***RUMST PARTS DISTRIBUTION CENTER (RUMST PDC) - Continued***

Returnable container:	As per Global Packaging Standards, but only upon explicit approval from the Packaging representative. Any returnable package sent without approval are likely to be disposed of.
Part Orientation:	As per Global Packaging Standards
Additional requirements:	After the PPAP, when the packaging is approved and implemented, all packaging changes must be submitted and approved via the PDS review process.  ISPM 15 certificates should be provided upon request, for all ISPM15 compliant wood supplied.  Box/crate lids to be screwed. Nailing and tongue-type fasteners are prohibited.



### **SAN LUIS POTOSI ENGINE PLANT (SLP)**

Location: San Luis, Mexico

Packaging Representative: Jesus Avila Gonzalez

Representative email: [jesus.avila.gonzalez@cummins.com](mailto:jesus.avila.gonzalez@cummins.com)

Pallet:	As per Global Packaging Standards
Weight:	Turbos and components have restrictions. Contact Packaging Representative for further information
Label:	As per Global Packaging Standards
Banding:	As per Global Packaging Standards
Height Restrictions:	As per Global Packaging Standards
Preservation:	As per Global Packaging Standards
Failsafing measure:	N/A
Restricted Packaging Materials:	As per Global Packaging Standards
Packaging Regulations:	As per Global Packaging Standards
Packaging Validation:	Required for long blocks from Fiat Chrysler. Contact Packaging Representative for further information
Returnable container:	As per Global Packaging Standards
Part Orientation:	Yes, contact Packaging Representative for further information
Additional requirements:	N/A






### SEYMOUR ENGINE PLANT (SEP)

Location: Seymour, IN

Packaging Representative: William Murray

Representative email: [murray.william@cummins.com](mailto:murray.william@cummins.com)

Pallet:	For safety purposes, SEP and the SILC warehouse will no longer approve of any pallets or crates that do not have bottom deck boards or runner strips. Runner strips should follow the same guidelines as stated in the “Component Details” section of Appendix B in the Global Packaging Standard for Production Parts.
Weight:	As per Global Packaging Standards
Label:	Any ITAR (military application) parts require specific labeling to identify they are for military use. Refer to image below: 
Banding:	As per Global Packaging Standards
Height Restrictions:	As per Global Packaging Standards
Preservation:	As per Global Packaging Standards
Failsafing measure:	
Restricted Packaging Materials:	As per Global Packaging Standards
Packaging Regulations:	The ITAR labeling stated above is a government regulation
Packaging Validation:	As per Global Packaging Standards
Returnable container:	As per Global Packaging Standards
Part Orientation:	Some components must be in a specific orientation. Contact Packaging Representative for further information
Additional requirements:	N/A



## TATA CUMMINS LIMITED

Location: India

Packaging Representative: Jeetansh Arora (TCL1), Konduru Raju (TCL 2 & 3)

Representative email: [jeetansh.arora@cummins.com](mailto:jeetansh.arora@cummins.com) , [konduru.raju@cummins.com](mailto:konduru.raju@cummins.com)

Pallet:	Contact Packaging Representative for further information
Weight:	As per Global Packaging Standards for TCL 1 & 2. For TCL 3 – maximum gross weight for hand held packages must not exceed 13kgs/28lbs.
Label:	As per Global Packaging Standards
Banding:	As per Global Packaging Standards
Height Restrictions:	As per Global Packaging Standards
Preservation:	As per Global Packaging Standards
Failsafing measure:	As per Global Packaging Standards
Restricted Packaging Materials:	Plastic & any plastic blend less than 50 microns / 2 mil (0.002 inch) is prohibited
Packaging Regulations:	Restrict the use of jungle wood
Packaging Validation:	Packaging for class A items and export should be validated. Contact Packaging Representative for further guidance on testing protocol requirements
Returnable container:	As per Global Packaging Standards
Part Orientation:	Orientation requirements may be implemented based on assembly line. Contact Packaging Representative for further information
Additional requirements:	Packaging Cleanliness must meet the Millipore specification as per part print



## **SINGAPORE PDC**

Location: Singapore

Packaging Representative: Zhi Xiang Yong

Representative email: [Zhi Xiang Yong <zhi.xiang.yong@cummins.com](mailto:Zhi.Xiang.Yong@cummins.com)

Pallet:	As per Global Packaging Standards
Weight:	Gross Weight < 1000 kg
Label:	As per Global Packaging Standards
Branding:	As per Global Packaging Standards
Height Restrictions:	Unit load cannot exceed 100 cm height
Preservation:	As per Global Packaging Standards
Failsafing measure:	N/A
Restricted Packaging Materials:	As per Global Packaging Standards  Any wood packaging materials that have been treated with Methyl Bromide are forbidden. This includes pallets, crates or dunnage that is solid wood and falls within the ISPM 15 guidelines. Only heat treated wood is acceptable.
Packaging Regulations:	As per Global Packaging Standards
Packaging Validation:	Validate through PSDS submission
Returnable container:	Parts with individual weight of 15 kg and above should not be placed in totes
Part Orientation:	Upright position. Contact Packaging Representative for further information
Additional requirements:	N/A



**REVISION LOG**

Rev No	Description of change	Changed by	Date
01	Added Rumst Site Specific Packaging Requirements per Erwin Oris generated document.	Paul Ouillette	05-13-2019
01	Changed Packaging Rep at San Louis Potosi from Francisco Insa to Jesus Avila Gonzalez	Paul Ouillette	05-13-2019
01	Added the text "SEP" to Seymour Engine Plant description	Paul Ouillette	05-13-2019
01	Updated Table of Contents to reflect all changes.	Paul Ouillette	05-13-2019
02	Update Seymour Plant Pallet requirements	Paul Ouillette	06-21-2019
03	All EMEA and PDC sites have forbid methyl bromide treated wood packaging.	Paul Ouillette	10-08-2019
03	Added sites:	Paul Ouillette	10-08-2019
	Quimper Filtration		
	Markheidenfield Emission Solutions		
	Darlington Emission Solutions		
	Daventry Power Systems		
	Kent Power Systems		
	Huddersfield Turbo Technology		
	Craiova Generator Technology		
	Cumbernauld Diesel Recon		
	Singapore PDC		
03	Changed Rocky Mount contact from Ed Wilburn to Jude DeLoye due to retirement	Paul Ouillette	10-26-2019
03	Replaced Zack Gonyea with Danielle Gibbs at Charleston Turbo Technologies Site	Paul Ouillette	11-26-2019
03	Update Fridley site requirements.	Paul Ouillette	11-26-2019
04	Updated Fridley Site Requirements	Paul Ouillette	09-03-2020