

## Celestica Thailand Routing Guide

Site Name and Address
Celestica (Thailand) Limited.
49/18 Moo 5, Laemchabang Industrial Estate
Tungsukhla, Sriracha, Chonburi
20230 Thailand

Site logistics contacts	Title	Phone	Email
Thanaporn Sewamontree	WH& Logistics Manager	66(0)38493561to 80 ext 1227	tsewamon@celestica.com
Phanthipa Temrueckajorn (Outbound)	Outbound Assitant Manager	66(0)38493561to 80 ext 6302	phanthi@celestica.com
Panchawin Naensing (Inbound)	Inbound Supervisor	66(0)38493561to 80 ext 1701	npanchaw@celestica.com

Below is the standard freight routings. Please coordinate all expedites and express freight with Celestica Thailand logistics contacts.

All shipments including Chicago/Los Angeles consolidation point shipments must include a commercial invoice. Please see international documentation requirements below.

See Chicago/Los Angeles consolidation point listed below for all USA origin shipments.

AIR shipment weights are based on chargeable weights (max of dimm weight and actual weight) when determining mode of transportation. See Page 3 for weight definitions and calculations

Inbound Standard Routing								
Supplier Origin	Small Pack		Heavyweight Air		Full Truck		Ocean	
Country	Weight	Carrier	Weight	Carrier	Weight	Carrier	Weight	Carrier
Europe	< 20 kg	DHL Express	< 600 kg	Panalpina			600 kg +	Panalpina
Isreal	< 50 kg	DHL Express	< 600 kg	Panalpina				
<b>China</b>								
<b>Except South Central China:</b> (Beijing, Qingdao, Shanghai, Shanxi, Tianjin, Wuxi, Xiamen, Xingang)	< 300 kg	DHL Express					300 kg +	Schenker
<b>China - South Central China</b> - Guangdong (Guangzhou, Dongguan, Shenzhen, Zhuhai, etc) - Hainan (Haikou, etc.) - Henan - Hubei - Guangxi	< 100 kg	DHL Express					100 kg +	Agility HK (S/Consol)
Macau, Zhuhai	< 20 kg	DHL Express	20 kg +	DHL Global Freight (DHL DGF)			300 + kg	DHL Global Freight (DHL DGF)
Hong Kong	< 100 kg	Agility (A/Consol)					100 kg +	Agility HK (S/Consol)
India	< 20 kg	FedEx International Priority	< 600 kg	DHL Global Freight (DHL DGF)			600 kg +	DHL Global Freight (DHL DGF)
Batam- Indonesia	< 600kg	Yusen					600 kg +	Yusen
Japan	< 20 kg	TNT Global Express (15N) or FedEx International Priority	< 300 kg	Yusen			600 kg +	Schenker
Malaysia (Penang)	< 30 kg	TNT Express	30 kg +	Agility	100 kg +	TNT Economy Truck		
Malaysia (Kuching)	All	DHL Express						
Malaysia (Kuala Lumpur, Johor)	< 100 kg	TNT Global Express (15N)			100 kg +	TNT Economy Truck		
Johor - Dangerous cargo, Lithium Battery	< 100kg	Yusen			100 kg +	Truck (Yusen)		
Taiwan Kaohsiung (KHH)	< 20 kg	TNT Global Express (15N)	< 300 kg	Agility			300 kg +	Agility
Taiwan Taipei (TPE)		Agility (A/Consol)					300 kg +	Agility
South Korea		Agility (A/Consol)					300 kg +	Agility
Philippines	< 1000kg	Yusen					1000 kg +	Schenker
Singapore	< 50 kg	Agility (A/Consol)			50kg+	TNT Economy Truck	1000 kg +	Schenker
North America (Canada / Mexico)	< 20 kg	FedEx International Priority	20 kg +	Panalpina SL3			1000 kg +	Panalpina
<b>Dominican Republic, Costa Rica, Puerto Rico</b>	<50 kg	FedEx International Priority	50 kg +	Panalpina SL3			1000 kg +	Panalpina
<b>USA</b>		<b>Panalpina/ Consol</b>						
See below USA origin consolidation point for ship to address.  See below Thailand invoice requirements for commercial invoice consignee address.	<150lbs or <70kg	FedEx Ground (Chicago or Los Angeles) See below for Origin States  Bill 3rd Party			150lbs + or 70kg +	<b>Conway</b> (Chicago or Los Angeles) See below for Origin States  Bill 3rd party to Celestica San Jose, 5325 Hellyer Ave., San Jose, CA 95138	600 kg +	Panalpina

Carrier Information					
Carrier	Phone	Contact Name	Account Number		
Yusen Air & Sea Service	Tel: 662-750-8868#304	Ms.Mattaneeya			
Nippon Express (Thailand) Co.,Ltd	66 02 643 8335 ext. 8001	Supphakit Roopsuwankun			
Schenker (Thai) Ltd.	Tel. +66 38 402807-14 ext.109	Ms.Saowaluk Pratanukom			
DHL	+66 (2) 345-5462	Suchada Pichayaphanich (Jiab)	Contact Buyer or see PO		
FedEx	1-800-463-3339		Contact Buyer or see PO		
FedEx (USA to Chicago)	1-800-463-3339		Contact Buyer or see PO		
FedEx (USA to Los Angeles)	1-800-463-3339		Contact Buyer or see PO		
Conway (USA to Chicago)	Phone:(847) 390-6710 Fax: (847) 824-3829		Bill 3rd party to Celestica San Jose, 5325 Hellyer Ave., San Jose, CA 95138		
Conway (USA Los Angeles)	Phone: (310) 605-0208 Fax: (310) 631-0843		Bill 3rd party to Celestica San Jose, 5325 Hellyer Ave., San Jose, CA 95138		
Panalpina	See web site for local contacts	See web site for local contacts			
TNT		See web site for local contacts	Contact Buyer or see PO		
USA Origin Consolidation Point					
For USA suppliers only. Please list the full hub address below on the bill of lading. Match the ship from state to the list below to choose the correct hub location. (Do not list this address on the commercial invoice)					
Consignee	Address	Contact Name	Tel	Fax	Email Address
Celestica c/o Panalpina, Inc. Attn: Celestica (Thailand Limited)	800 Devon Avenue, Elk Grove Village, IL 60007 USA	Celestica Support Desk	847-545-1500	847-545-5568	<a href="mailto:celesticaexp.CHI@panalpina.com">celesticaexp.CHI@panalpina.com</a>
Celestica c/o Panalpina, Inc. Attn: Celestica (Thailand Limited)	19900 S. Vermont Avenue, Suite A Torrance, California (CA) 90502	Celestica Support Desk	310-819-4060	310-819-4028	<a href="mailto:celesticaexp.LAX@panalpina.com">celesticaexp.LAX@panalpina.com</a>
Consolidation Hub Location	USA Origin Shipping States				
Chicago Hub (Elk Grove)	AL, AR, CT, DC, DE, FL, GA, IA, IL, IN, KS, KY, LA, MA, MD, ME, MI, MN, MO, MS, NC, ND, NE, NH, NJ, NY, OH, OK, PA, RI, SC, SD, TN, TX, VA, VT, WI, WV				
Los Angeles Hub (Torrance)	AZ, CA, CO, ID, MT, NM, NV, OR, UT, WA, WY				
Thailand Invoice Requirements					
<p><b>For shipments being imported into Thailand, it is vital that the invoice must be completed accurately with all required information.</b></p> <ol style="list-style-type: none"> <li><b>Supplier Name, Address and telephone number</b></li> <li><b>Consignee Name, Address without discrepancy, abbreviation, shortening of any characters.</b> All Commercial invoices must list the following address. <b>Please do not list a consolidation point address on the commercial invoice.</b>  <p style="text-align: center;">CELESTICA (THAILAND) LIMITED. 49/18 MOO 5, LAEMCHABANG INDUSTRIAL ESTATE, TUNGSUKHLA, SRIRACHA, CHONBURI 20230 THAILAND EPZ</p> </li> <li><b>Invoice Number</b></li> <li><b>Date of shipment</b></li> <li><b>Celestica Part Number</b></li> <li><b>Celestica Purchase Order Number / RMA Number</b></li> <li><b>Complete , clear description of the goods, machinery or equipment</b> This is very important. Do not use abbreviations. It is necessary that customs will able to determine what the goods are, from the description. As all goods must be classified in accordance with Harmonized Tariff schedules. For RMA units, you must indicate "Return unit for repair" on shipping documents.</li> <li><b>Quantity of each item being shipped.</b></li> <li><b>Unit Price</b></li> <li><b>Total Invoice Price</b></li> <li><b>Currency of settlement.</b></li> <li><b>Country of Origin</b></li> <li><b>Inco-term</b></li> <li><b>Number of carton/package, dimension and weight ( Packing list is required for Equipment shipment )</b></li> </ol> <p>US origin vendors/shipper (those shipping to the consols), a Shippers Export Declaration (SED) or an Automated Export System Record (AES) is required  <a href="http://www.access.gpo.gov/bis/ear/pdf/758.pdf">http://www.access.gpo.gov/bis/ear/pdf/758.pdf</a>  <a href="http://www.census.gov/foreign-trade/regulations/regs/regulations20080602-federalregister.pdf">http://www.census.gov/foreign-trade/regulations/regs/regulations20080602-federalregister.pdf</a>  Please forward these documents prior to arrival of shipment to Panalpina dock. Send to the email above and attach a copy on the outside of the shipping carton.  1-Commercial Invoice (please refer to the above international documentation requirements).  2-SLI <a href="http://www.panalpina.com/www/usa/en/documents_downloads.html">http://www.panalpina.com/www/usa/en/documents_downloads.html</a>  3-Packing List  4-Certificate of Origin</p>					

**Weight Definitions and Calculations**

**Actual Weight:**

- The weight of a package using a standard scale rounded to the next full pound / KG. (Example: a 12 1/2 pound carton will have an "actual weight" of 13 pounds).

**Dimensional (Volumetric) Weight:**

- A calculation used to reflect a package's density. The International Air Transport Association (IATA) volumetric standards is used to determine the dimensional weight.  
 - A calculation used to determine the three-dimensional space the carton occupies: length x width x height measured in cubic inches or cubic centimetres.

**Chargeable Weight:**

- The chargeable weight of the shipment will be the higher of the volumetric weight or the gross weight.

**How to Calculate Volumetric Weight (International air shipments)**

**International Shipments Calculation**

Imperial (IN / LBS)  
 DIMENSIONAL WEIGHT =  $\frac{\text{Length} \times \text{Width} \times \text{Height} = \text{Cubic Inches}}{166 \text{ (International)}}$

Metric (CM / KG)  
 DIMENSIONAL WEIGHT =  $\frac{\text{Length} \times \text{Width} \times \text{Height} = \text{Cubic Centimetres}}{6000 \text{ (International)}}$

**Identifying what your chargeable weight will be:**

**Example - Imperial Calculation**

Actual Pallet Weight = 250lbs  
 Pallet Dimensions = 48 x 40 x 50in  
 Pallet Volumetric weight =  $(48 \times 40 \times 50) / 166 = 578.31\text{lbs}$   
 Chargeable Weight of shipment = 578.5lbs

**Example - Metric Calculation**

Actual Pallet Weight = 150kg  
 Pallet Dimensions = 122cm x 102cm x 120cm  
 Pallet Volumetric weight =  $(122 \times 102 \times 120) / 6000 = 248.88\text{kg}$   
 Chargeable Weight of shipment = 249kg

**How to Calculate Volumetric Weight (USA Domestic air shipments)**

Imperial (IN / LBS)  
 DIMENSIONAL WEIGHT =  $\frac{\text{Length} \times \text{Width} \times \text{Height} = \text{Cubic Inches}}{194 \text{ (USA Domestic)}}$

**Example - Imperial Calculation**

Actual Pallet Weight = 250lbs  
 Pallet Dimensions = 48 x 40 x 50in  
 Pallet Volumetric weight =  $(48 \times 40 \times 50) / 194 = 494.84\text{lbs}$   
 Chargeable Weight of shipment = 495lbs

or

**How to Calculate Volumetric Weight (International air shipments)**

Metric (CM / KG)  
 DIMENSIONAL WEIGHT =  $\frac{\text{Length} \times \text{Width} \times \text{Height} = \text{Cubic cm}}{6000 \text{ (International)}}$

**Example - Metric Calculation**

Actual Pallet Weight = 600kg  
 Pallet Dimensions = 122 x 102 x 100cm  
 Pallet Volumetric weight =  $(122 \times 102 \times 100) / 6000 = 207.4\text{kg}$   
 Chargeable Weight of shipment = 600kg

**Length or Girth - (For FedEx International and USA domestic Air and Ground)**

Your Chargeable Weight will be based on the greater between the actual package weight and the Length and Girth of the package.

Length - is the largest dimension of the carton or object being shipped. For example, if the package is very tall (height is greater than the base) use the height as the length.

Girth - is the sum of 2 times the width plus 2 times the height or the measurement around the largest area of the cylinder (see illustration).

