Shipping Container types and Size:

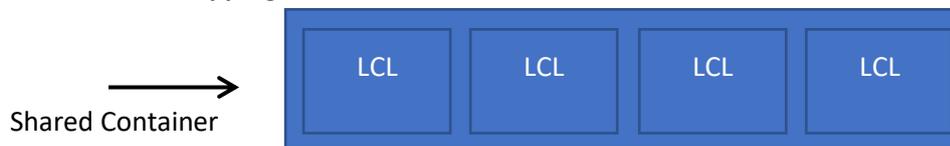1. FCL- Full Container Load
2. LCL- Less than Container Load
3. Break Bulk Shipping

Full Container Load:

1. **Dry Cargo Container**- General purpose container
   20/40 feet in length, 20 feet is mostly used
2. **High Cube Containers**- Similar to Dry cargo but have increased height to hold more cargo
   40/45 feet in length
3. **Refrigerated Containers**- used to carry temperature sensitive products like meat, fruit, vegetables, dairy products.
4. **Open Top Containers**- It is bulky/heavy cargo to carry heavy materials
5. **Flat Rack Containers**
   -May have no ends
   -Used for oversized cargo

Less than Container Load:

When the goods are less than the normal container size then these are carried on LCL. One large container can contain 3-4 LCLs. The container carrying LCLs is called **shared container** or **consolidated shipping container.**

Shared Container → | LCL | LCL | LCL | LCL |

Break Bulk Shipping:

In this type of shipping the uneven kind of goods are carried over the top of containers.

Freight cost depends on per metric ton of weight

Types of Containers:

1. Dimensions of a Container=20'x8'x8.6' or 9.6' height for high cube containers

2. Standard containers:
   - Closed on all sides
   - they can withstand extreme temperatures
   - Ma. 2.70m tall cargoes can be shipped

3. Hard Top Containers:
   - Removable steel roof (weighs about 450 kg)
   - Door header may be swiveled out

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4. Open top containers:
 - Roof consists of removable bows
 - Removable tarpaulin
 - door header may be swiveled out
 - used for tall cargoes

5. Flat rack containers:
 - used to transport heavy lifts
 - carry over weight or over width cargoes

6. Platforms (PLATS)
 - Floor structure with extremely high loading capacity
 - no side or end walls
 - used for oversized and very heavy cargoes
 - have wooden floor

7. Ventilated Containers:
 - Also known as passive ventilated or coffee containers
 - ventilation is provided in the top and bottom side rails
 - used mainly for transporting green coffee beans

8. Refrigerated and Insulated Containers
 a) Integral units (Integral Reefer Containers)
  - used for controlling temperatures inside the container
  - used for goods which need to be transported at a constant temperature above or below freezing point
  - include fruit, vegetables, meat, dairy products

 b) Insulated Containers (Porthole Containers)
  - No integral refrigeration unit
  - inside of the container is supported with cold air
  - Cold air is blown in at the bottom and warm air is removed at the top

9. Bulk Containers:
 - 3 loading hatches in the roof
 - 2 discharge hatches on the door side
 - used for transporting grain, feedstuffs and spices

10. Tank Containers:
 - Used for liquid cargoes
 - Food stuffs like juices, spirits
 - Chemicals like hazardous materials, fuels, toxic substances
 - Temperature control mechanism is set up when required

11. Tunnel container: open from both the ends
12. Open Side container: open from one of the wide sides
13. Double door containers: open from both the ends as well as the sides

Export Process:

1. Receipt of enquiry and sending quotations (proforma invoice)
2. Receipt of export order or indent
3. Assessing importer's credit worthiness and securing a guarantee for payments.
4. Obtaining export license.
5. Obtaining pre shipment finance
6. Production of procurement of goods
7. Pre shipment inspection
8. Excise clearance
9. Obtaining certificate of origin
10. Reservation of shipping space
11. Packing and Marking
12. Appointment of forwarding agent (Clearing and Forwarding Agent)
13. Dispatch of goods
14. Insurance of Goods
15. Customs Clearance
16. Obtaining Mate's (Captain) receipt
17. Payment of freight and issuance of Bill of Lading
18. Preparation of Invoice
19. Securing Payment

Documents required for submitting in Bank:
Certified copy of invoice, bill of lading, packing list, insurance policy, certificate of origin and letter of credit

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