

SST COLLEGE OF ARTS & COMMERCE

Affiliated to University Of Mumbai

Gorakhnath Complex, Morya Nagri,

Ulhasnagar-421004

Department of Bachelor of Management Studies

Report

On

“INTRODUCTION TO ROAD TRANSPORT”

4st July, 2019

At

SST College of Commerce & Arts (College Campus)

Submitted by

BMS Department

Report on

Introduction to Road Transport

Date: 4th July 2019

Guidance of Asst. Prof Padma Deshpande

Presenter – Shubham Singh –TYBMS

OBJECTIVE: The students build rapport in class through collaborative learning and build self-confidence.

To introduce to the students the practical Concepts of Road Transport.

OUTCOME: Students got an insight into the practical aspects of Road Transport, types of vehicles used, and documentation procedures.

Students Interaction skills improved, Students got their doubts clarified.

A Short Lecture Presentation was done on Types of Transportation in Logistics and Supply Chain Management by TYBMS Student Mr Shubham Singh. Shubham's father has a Logistics company in the name of Singh Logistics Services, as Shubham has been assisting his father in his father's business, and 50 TYBMS Students attended the same.

He elaborated on the following topics:

- Types of Road Transport Used
- The weight and volume of an individual shipment,
- Types of goods transported.
- For Short distance, light, and small shipments, a van or pickup truck may be used.
- Different types of Trucks are used for Larger Shipments.
- Trucking & Haulage
- Weights
- Documents used.

- Road Tolls

FTL/Bulk: Full Truck Load: Can be for Multi Location/Single Point Billing.

Multimodal Movements (Combination of Rail + Road, Road +Air etc.)

Different types of Vehicles used in Full Truck loads.

Truck:

Length : 6.10 - 13.60 meters
 Height : 2.40 - 2.60 meters
 Capacity : Up to 25 tons
 Use : Everything that can be packed in solid items

Refrigerated/Reefer Truck (Frigo & Thermo)

Length : 13.60 meters
 Height : 2.60 - 2.70meters
 Capacity : Up to 23 tons
 Temperature : -20°C to +25° C
 Use : Products that need to be stored at certain temperatures (food, medicine, chemicals)
 Characteristics: Can transport products at different temperatures.

Minivan

Length : 5 meters
 Height : 1.94 meters
 Capacity : Up to 3.5 tons
 Use : Small amounts of load
 Characteristics: As it is a small vehicle, it offers speed and price advantages for loads under 3.5 tonnes.

Sprinter

Length : 4.3 - 7 meters
 Height : 3 meters
 Capacity : Up to 3,5 tons
 Use : Small amounts of load
 Characteristics: As it is a small vehicle, it offers speed and price advantages for loads under 3.5 tonnes. There are two different types that can carry passengers and freight.

Bulk (dry) Transportation

Length : Up to 14.6 meters
 Height : Up to 4.45 meters
 Capacity : 20800 - 43900 liters
 Use : Bulk items
 Characteristics: It is a type of transport in which bulk goods such as ore, grain, coal, cement, salt, sugar are transported.

Tanker

Length : 5.9 meters
 Height : 2.30 meters
 Capacity : 20800 - 43900 liters

Use : Liquids and gas

Characteristics: Cylinder shaped truck to carry liquids and gas. There are many different types of tankers, depending on the type of substance they transport. Large or small, pressurised or non-pressurised, insulated or non-insulated, etc.

Container 20 FT

Length : 5.918 meters

Height : 1.30 - 2.90 meters (usually 2.59 meters)

Capacity : Up to 21.687 tons

Use : Everything with solid packaging

Characteristics: Container that can be used on ships, trains and trucks.

Container 40 FT

Length : 12.015 meters

Height : 1.30 - 2.90 meters (usually 2.59 meters)

Capacity : Up to 26.380 tons

Use : Everything with solid packaging

Characteristics: Container that can be used on ships, trains and trucks.

Container High Cube

Length : 12.033 meters

Height : 2.70 meters

Capacity : Up to 26.040 tons

Use : Everything with solid packaging

Characteristics: Higher than 20 ft. and 40 ft. container.

Heavy & Project Cargo

Use: Transport of large, heavy, high value or critical piece of equipment

Characteristics: Oversized

Jumbo Trailer /Mega Trailer

Length : 13.62 meters

Height : 2.94 meters

Capacity : 32.8 tons

Use : Everything that can be packed in solid items

Characteristics: Bigger than standard trucks.

Low-Bed

Length : 13 -14 meters

Height : 1.250 meters

Capacity : 20-120 tons

Use : Everything that can be packed in solid items

Characteristics: It is a trailer.

Swap-Body

Length : 7.15 - 13.6 meters

Height : Up to 2.80 meters

Capacity : Up to 28 tons

Use : Everything that can be packed in solid items

Characteristics: It is a freight container for rail and road transport.

LTL/Small

For Small / LTL (less than truck load) transportation : Mini trucks, small Commercial vehicles used for delivering light loads over short distances pickup trucks, vans and three-wheelers – all commercially based goods or passenger carrier vehicles are used

Main Advantage of this service is

- Multiple deliveries from single location
- Standardized billing and rate structure
- Containerized movement for high value cargo
 - Sundry Parcel Service
 - Bulk Transportation
 - Turnkey Projects
 - ODC (Odd Dimensional Cargo)
 - Warehousing
 - Logistics
 - C & F (including Delivery Against Collection of Payment)

Documents Required for General Transportation:

The person in charge of the vehicle should carry the following documents: Invoice, bill of supply, delivery challan as required. A copy of Eway bill, Eway bill number or Eway bill mapped to a Radio Frequency Identification Device, RFID

Eway bill mapped to RFID is not applicable in goods transport through rail, airway or vessel (Waterways). However, goods transported by rail must be delivered to the consignee only on producing a valid Eway bill.

EWay Bill is an Electronic Waybill for the movement of goods generated on the eWay Bill Portal. A GST registered person cannot transport goods in a vehicle whose value exceeds Rs. 50,000 (Single Invoice/bill/delivery challan) When an eway bill is generated, a unique Eway Bill Number (EBN) is allocated and is available to the supplier, recipient, and transporter.

Documents required for generation of EWay Bill:

1. Invoice/ Bill of Supply/ Challan related to the consignment of goods
2. Transport by road – Transporter ID or Vehicle number
3. Transport by rail, air, or ship – Transporter ID, Transport document number, and date on the document
4. Delivery Challan
5. Eway bill mapped to RFID(Only in case of Road)

The consignor must include a standard consignment note with the transport, including the complete following information:

- Full details of the consignor's (sender's) street address.
- Full details of the consignee's (recipient's) street address.
- Goods delivery address with full street address information
- Departure and loading point
- Destination
- Date
- The freight payer either as customer / contract number or explicitly in writing
- Specified number of items and types, so they are clear and easily verifiable
- Unambiguous text describing the contents
- The actual weight of the goods, the volume in cubic meters and, if necessary, pallet metres
- Consignment note signature

If hazardous substances are transported, the consignment note must be marked as specified in the Act on Transport of Dangerous Goods.

1.6K views

Feedback received from Student



Ms. Shubhangi Khare- TYBMS –

“The Session was very useful as we got to learn a lot of practical aspects of Transportation.”



Akash Chaudhary- TYBMS –

“Shubham explained a lot of terms and document procedures related to Road Transport. A Very Informative Session”.

Some of the Glimpses of the Presentation

