



Operation “Cover Up” -Mechanical Truck Cover-

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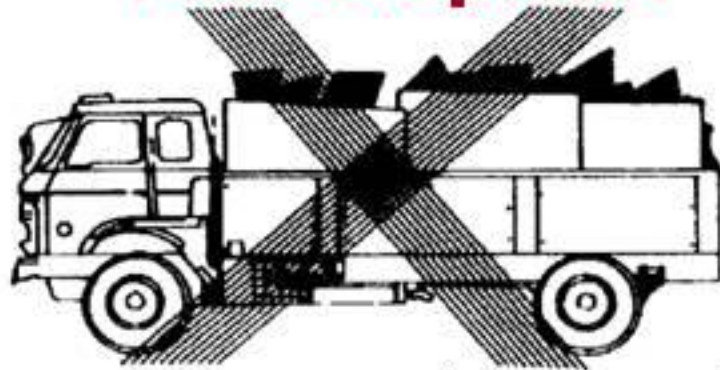
Why Truck Cover?

1. Safety (spillage)
2. Dust prevention
3. Protect goods

Statutory Requirement Truck Cover for Safety

- Road Traffic Ordinance – Code of Practice (1999)
- For loose bulk loads and mixed loads

Not Acceptable

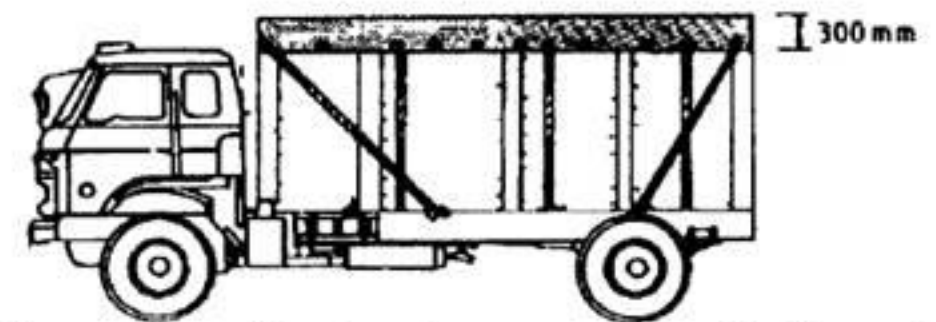


Not satisfactory as load protrudes above sides and plywood pieces have been used as height extensions

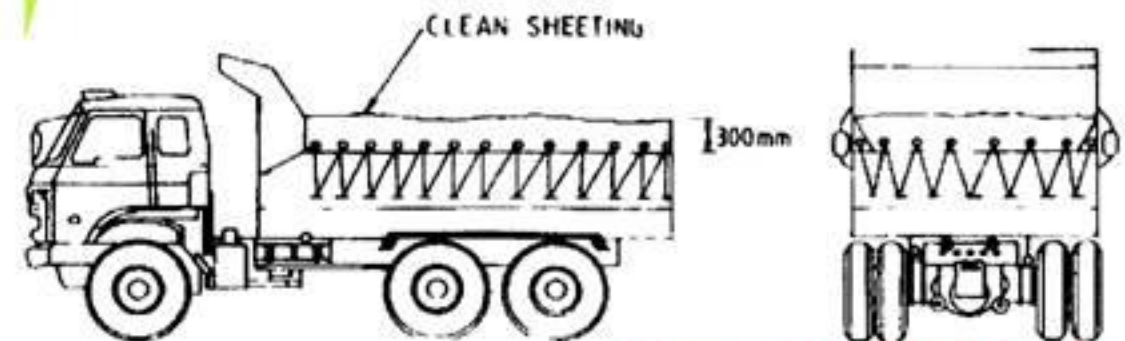
Not Acceptable



Loose bulk loads must not protrude above side or tail boards even if covered loose material must be levelled off



Correct method using purpose designed vehicle for loose bulk loads, and **completely covered with suitable sheeting to prevent any spillage**



Loose bulk loads must **always be covered** and the covers must extend over the side and tail boards and **must be firmly secured**

RTO – COP (1999) Compliance



Statutory Requirement Truck Cover for Dust Prevention

- Air Pollution Control (Construction Dust) Regulation (1997)

Vehicle leaving a construction site with **dusty materials**: shall be covered entirely by clean impervious sheeting to ensure that the dusty materials do not leak from the vehicle

"dusty materials": cement, earth, pulverized fuel ash, aggregates, silt, stonefines, sand, debris, sawdust and wooden chips



APCO compliance



Contractual Requirement Truck Cover for Material Protection

CEDD's general specifications:

- Transport of sub-base material and bituminous material

Prevent heat loss & material contamination



Problem



Human Truck Cover Extremo





Introducing Mechanical Truck Cover (2005)

(DevB's Pay for Safety & Environment Scheme)

2 Main Requirements:-

- 1. Nobody in the skip**
- 2. Material fully covered**

Overseas Example of Mechanical Cover

Steel Systems

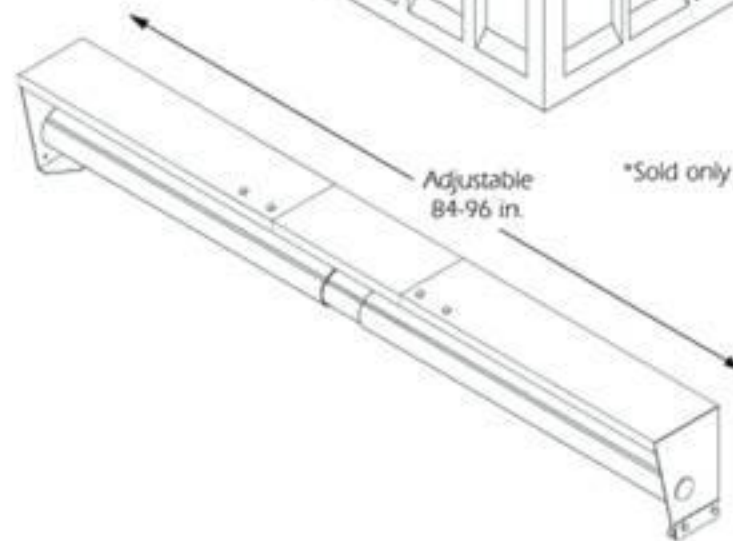
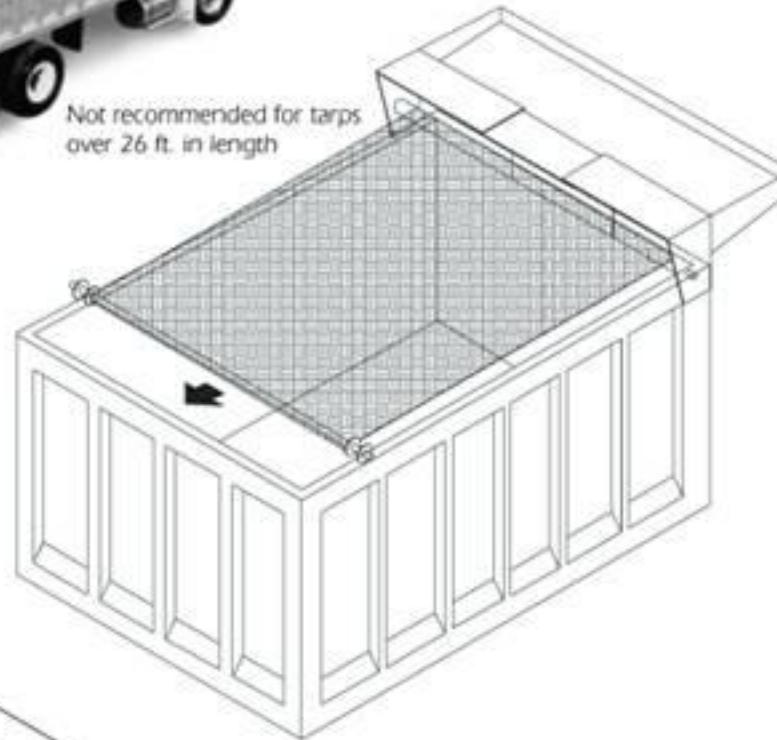
GHS 1700

The GHS 1700 is a spring-loaded, retractable dump truck tarp system. No arms required.

Shown with tarp which is sold separately



Not recommended for tarps over 26 ft. in length



Adjustable
84-96 in.

Sold only as a complete system

MANUAL TARPING SYSTEMS

Overseas Example of Mechanical Cover



Beijing Example of Mechanical Cover



Taiwan Example of Mechanical Cover



Korea Example of Mechanical Cover



Common Mechanical Cover in HK (Flat Bedded Lorry)

Butterfly Type



Common Mechanical Cover in HK (Flat Bedded Lorry)

Swing Type





Incentive Scheme

**\$7,200 / truck after 180 trips
on DevB's Contract**

Problem with Grab Mounted Lorry

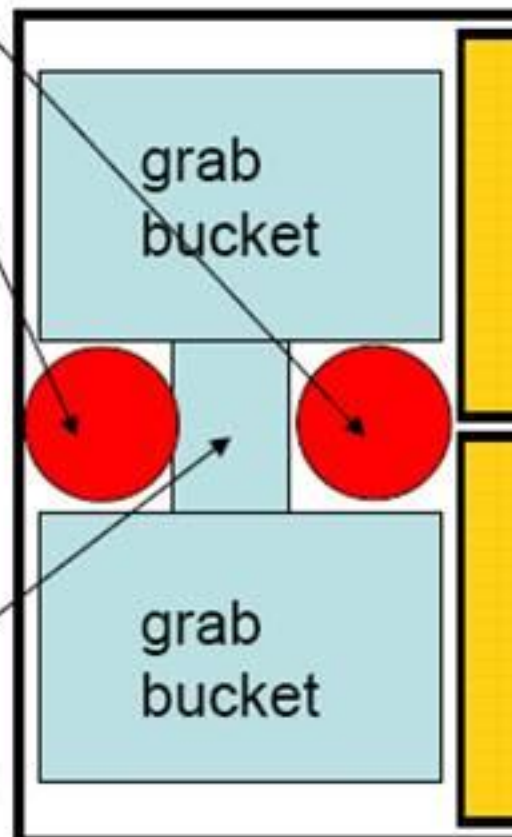


Problem 1 – Gap over Grab

Existing

2 small gaps

Connection
beam



Grab Mounted Lorry Remedy for Butterfly Cover



Grab Mounted Lorry Remedy for Non-Butterfly Cover

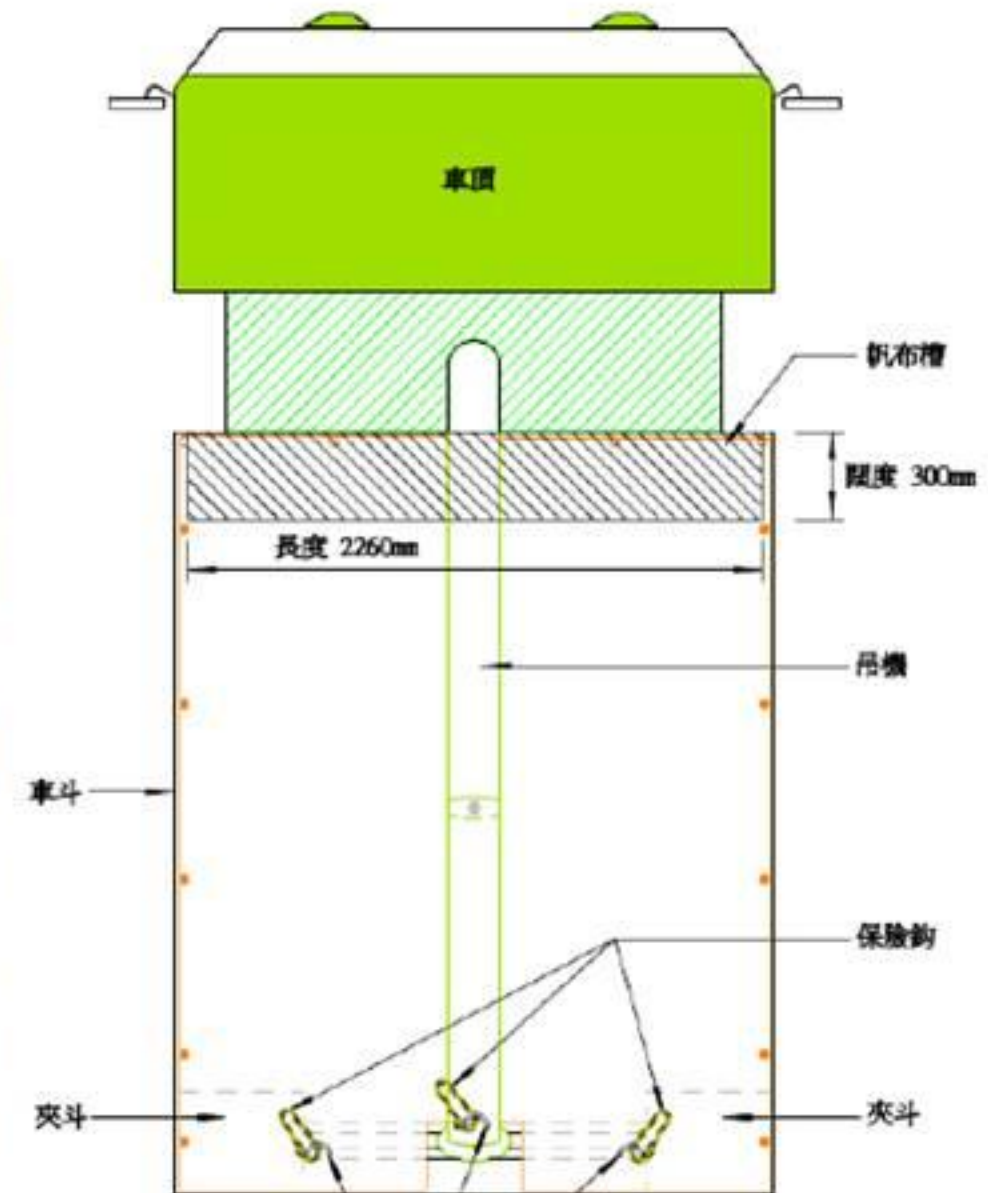


Problem 2 – Elevated Sideboard



Grab Mounted Lorry - Remedy for Elevated Sideboard Grab Mounted Lorry

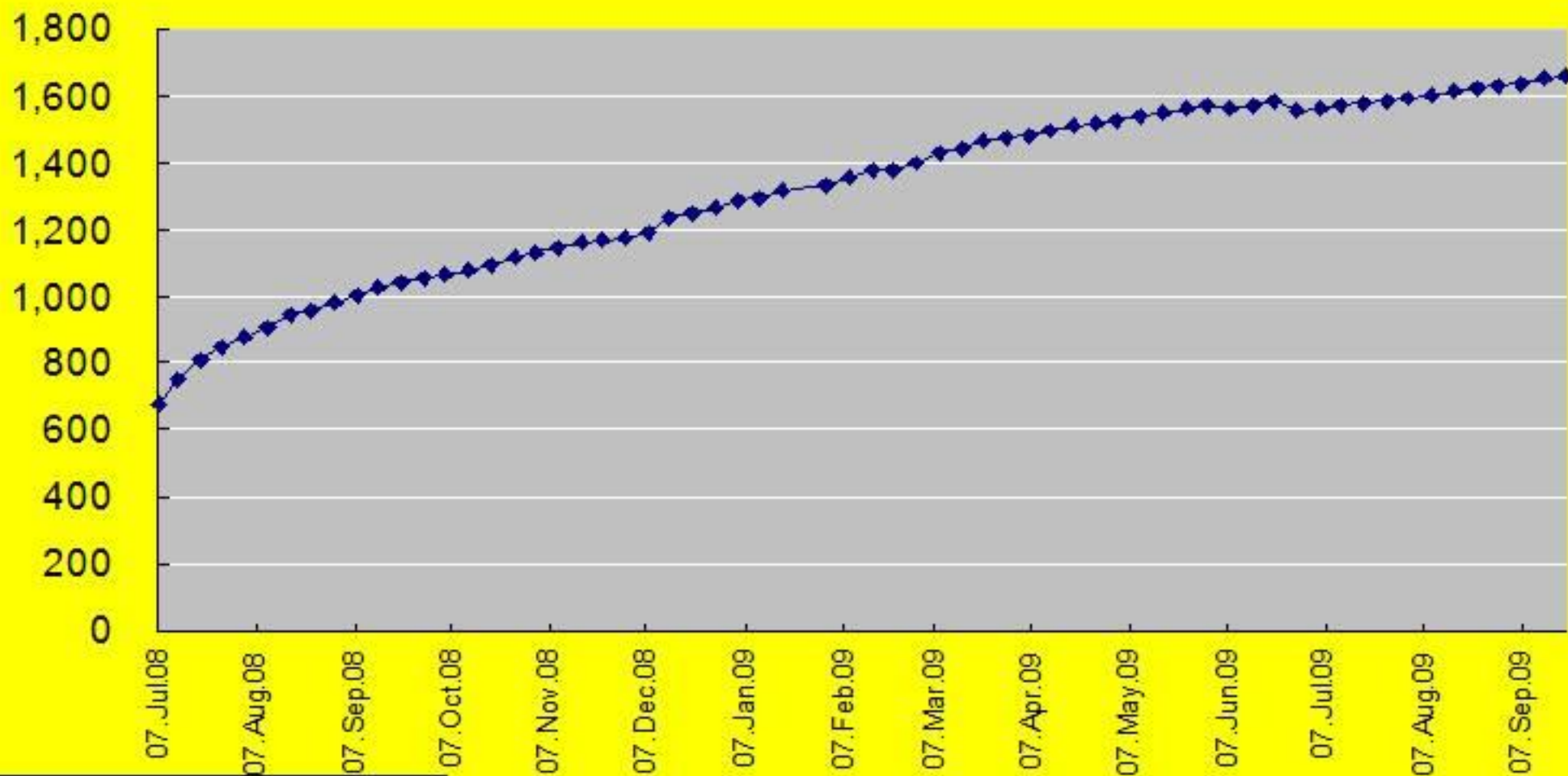
Magnetic Cover



3個半月形鐵圈焊接在夾斗上
半月形鐵圈粗約8mm - 10mm

Current Status

Trucks with Power-operated Cover



◆ **Trucks with Mechanical Cover entered the PFRF/SF since 1.7.2008**



Points to Note

All trucks entering & leaving the site should be:-

1. Provided with proper mechanical covers
2. In good service condition

Problem Partly Resolved





Thank You