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Viet Nam: Heavy Vehicle Overloading Measures

Submitted by: Viet Nam



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Vehicles for Safety, Productivity and Infrastructure
Outcomes
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VIET NAM: HEAVY VEHICLE OVERLOADING MEASURES

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PRESENTATION'S OVERVIEW

- I. A SNAPSHOT OF VIET NAM'S ROAD TRANSPORT
- II. HEAVY VEHICLE OVERLOADING MEASURES BEFORE NOVEMBER 2013
- III. HEAVY VEHICLE OVERLOADING MEASURES POST NOVEMBER 2013 TO PRESENT
- IV. PLANS FOR HEAVY VEHICLE OVERLOADING MEASURES
- V. LESSONS LEARNED

VIET NAM

- **Area:** 330,952 km²
- **Population:** 90 million
- **Capital:** Ha Noi
- **Bordering neighbors:** China, Laos and Cambodia



I. OVERVIEW ON VIET NAM'S ROAD TRANSPORT

Viet Nam's total road network covering **259,148km**:

- ✘ *Expressways: 745 km, 0.29%;*
- ✘ *National highways: 18,470 km, 7.13%;*
- ✘ *Provincial roads: 23,520 km, 9.08%*
- ✘ *District roads: 49,823 km, 19.23% ;*
- ✘ *Communal roads: 151,187 km, 58.34%;*
- ✘ *Urban roads: 8,492 km , 3.28%; and*
- ✘ *Special purpose roads: 6,911 km, 2.67%*



I. OVERVIEW OF ROAD TRANSPORT IN VIET NAM

- ✘ Up to the end of 2016, Viet Nam had 50.666.855 vehicles including: 3.033.527 four-wheel vehicles and 47.131.928 motorbikes. Trucks with capacity more than 7 tones and special pupose trucks were: 244.196 unit
- ✘ Road transport is responsible for 73.5% freight and 26.5% commuters movement of all modes in Viet Nam.
- ✘ Road accident accounts for 96% of death and 97% of traffic accident number (all kind of traffic accident).

II. HEAVY VEHICLE OVERLOADING CONTROL BEFORE NOVEMBER 2013

- In 1993, Viet Nam constructed 27 vehicle weigh stations on 13 major national highways as a measure to control vehicle overloading.
- However by the end of the 1990s all of the weigh stations were rendered inoperative due to outdated technology and a lack of funds for maintenance.
- Therefore the problems of vehicle overloading have considerably been increasing. It was estimated that from 2000-2013 about 90% of heavy vehicles was overloaded, with some exceeding 500% of the design mass of truck and even exceed allowed payload of the road and bridges.

**Heavy truck with more than 2m-extended
carriage operating on NH18, Bac Ninh
province**







CEMENT TANK TRUCKS CARRIED 70 TONNES OF CEMENT (TOTAL WEIGH IS MORE THAN 100 TONNES)





**ROAD ACCIDENTS CAUSED BY
OVERLOADED TRUCKS**

II. HEAVY VEHICLE OVERLOADING CONTROL BEFORE NOV 2013

Rules and regulations on vehicle overloading measures:

- ✘ **Road Traffic Law: Article 72, 2, a.** “Transporting cargo exceeding the designed mass or exceeding the size limit permitted for the motor vehicle are prohibited”
- ✘ **Government's Decree No 171/2013/ND-CP** on the sanctioning of administrative violations in the field of road transport and railway;
- ✘ **Decision No. 1502/QD-TTg** dated 11/10/2012 on planning a weigh station system on the road to 2020 and visions up to 2030.
- ✘ **Circular 35/2013/TT-BGTVT** regulating loading and unloading cargoes on vehicles.
- ✘ **Circular 46/2015/TT-BGTVT** regulating the truck body of arm roll trucks, tankers and other kinds of trucks.

CIRCULAR NO 46/2015 ON WEIGHT AND SIZE LIMITATION OF VEHICLES



- ✘ Single axle load: each unit should not exceed 10 tonnes.
- ✘ Double axle load: each unit should not exceed 18 tonnes.
- ✘ Triple axle load: each unit should not exceed 24 tonnes.

The restrictions of gross vehicle weight and gross combination weight for motor vehicle:

- ✘ Single axle (front & rear) vehicles should not exceed 16 tonnes.
- ✘ Front single axle and rear double axle vehicles should not exceed 24 tonnes.
- ✘ Front single axle and rear triple axle vehicles should not exceed 30 tonnes.
- ✘ The gross combination weight limit should not exceed 48 tonnes.

III. HEAVY VEHICLE OVERLOADING CONTROL FROM NOV 2013 TO AUGUST 2016

Campaigns for heavy vehicle overloading measures:

- ✘ The Prime Minister issued two directives: 95/CĐ-TTg dated 10/01/2013 and 1966/CĐ-TTg dated on 19/11/2013 on controlling overloading vehicles.
- ✘ November, 2013 the Ministry of Transport and the Ministry of Public Security developed a Joint-ministry Plan No 12593 to implement campaigns on controlling overloading vehicles.



A truck being weighed on mobile truck scales

CAMPAIGNS ON CONTROLLING OVERLOADING VEHICLES.

- + Raising awareness of measures for all related stakeholders: transport companies, vehicle owners, stevedores etc
- + Revised related legal requirements
- + A joint-operation between the Ministry of Transport and Ministry of Public Security.



RAISING AWARENESS

- ✘ Press conferences to inform the media about the Overloading Control Campaigns
- ✘ Inform all transport companies and vehicle owners, stevedores about the campaigns
- ✘ Seek a commitment by transport companies and vehicle owners, stevedores not to overloading their vehicles.



REVISED LEGAL REQUIREMENTS

- ✘ The Government's Decree No 46/2016/ND-CP sanctioning administrative violations in the field of road transport, and railway

 - ✘ If the loaded cargo exceeds the total allowed weight over 150%:
 - + Driver shall be fined: 14-16 million VND
And driving license suspended from 3-5 months
 - + The vehicle owner shall be fined: 56-60 million VND
 - + The person loaded cargoes on vehicle shall be fined: 6-8 million VND
- Total : about 4,000 USD**

THE JOINT-OPERATION BETWEEN THE MINISTRY OF TRANSPORT AND THE MINISTRY OF PUBLIC SECURITY ON OVERLOADING VEHICLE CONTROL

- ✘ The MOT purchased 67 mobile truck scales and constructed 2 weigh stations for 63 cities, and provinces.
- ✘ Each province established an Inter-sector Task Force to control vehicle overloading.
- ✘ On 1st April, 2014 the Campaign was launched in all cities and provinces.
- ✘ The Task Force units operate weigh stations on major highways and also pay attention to ports, terminals, mining areas, and railway stations, where the cargoes being uploaded and downloaded.
- ✘ The two Ministries formed some special units to supervise the implementation in provinces.





Portable weighing scale used by transport inspectors and traffic polices to check truck weighs on national highways.

THE JOINT-OPERATION BETWEEN TRANSPORT INSPECTORS AND TRAFFIC POLICES IN THE IMPLEMENTATION OF VEHICLE LOAD CONTROL IN VIET NAM

- ✘ Traffic Police and Transport Inspectors play a key role in the implementation of the Campaign.
- ✘ From April 1, 2014 to August 1, 2016, the Joint-taskforce inspected 1,521,328 vehicles and found 121,677 violations (12.5%), resulted in an estimated total fine of more than \$US30 million; temporarily detained 4,535 vehicles, and suspended 74,085 driving licenses.
- ✘ Outcomes: some 80% reduction in overloading vehicles.



**Portable Weigh Scale at Km 96+800 on NH.20 – Lam Dong.
After working with Lam Dong Alumina Factory, there is
no overloaded trucks come out from the factory**



IV. PLAN FOR VEHICLE LOAD CONTROL DURING 2016 – 2020

1. Strengthening state management: reviewing and updating rules and regulations as required; providing a clear guidance for stakeholders; conducting systematic checks for vehicle overloading; carrying out vehicle load checks at ports, railway stations, mining areas, construction material processing areas.
2. Installing weigh-bridge stations together with toll booths (in the road investment projects).



IV. PLAN FOR VEHICLE LOAD CONTROL DURING 2016 – 2020

3. Managing the importation, assembly and production of heavy trucks, the engine capacity, the size of cargo tanks suitable to the pay load of road and bridges in Viet Nam, the quality of periodical inspection.
4. To reduce market share of road transport, improving other modes of transport such as railway (from 2% to 4.%), inland waterways (from 18 % to 32%) and coastal transport (5% to 9%).



LESSONS LEARNED

- ✘ Political will from the bottom to the top.
- ✘ Effective application of comprehensive measures.
- ✘ Close and cordial coordination between Ministry of Transport and Ministry of Public Security.
- ✘ Apart from systematic road checks, particular attention to be paid for other freight facilities including ports, railway stations, construction sites and distribution centers.

Check truck weights at the gates of ports, railway stations, factories and warehouses



Thank you for your attention!

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