Support for the Development of Vehicle Safety and Environment Regulations In Lao PDR

DEPARTMENT OF TRANSPORT

MINISTRY OF PUBLIC WORKS AND TRANSPORT, LAO PDR

Main Topics

1. Existing Safety & Environment regulations
2. Certification System on Technical Requirement
3. Challenges
4. Roadmap

Existing Vehicle Safety and Environment Regulations

1. Road Traffic Law (Amen) 2012

   Article No: 35 (Amen) Vehicle Safety and Technical Requirement

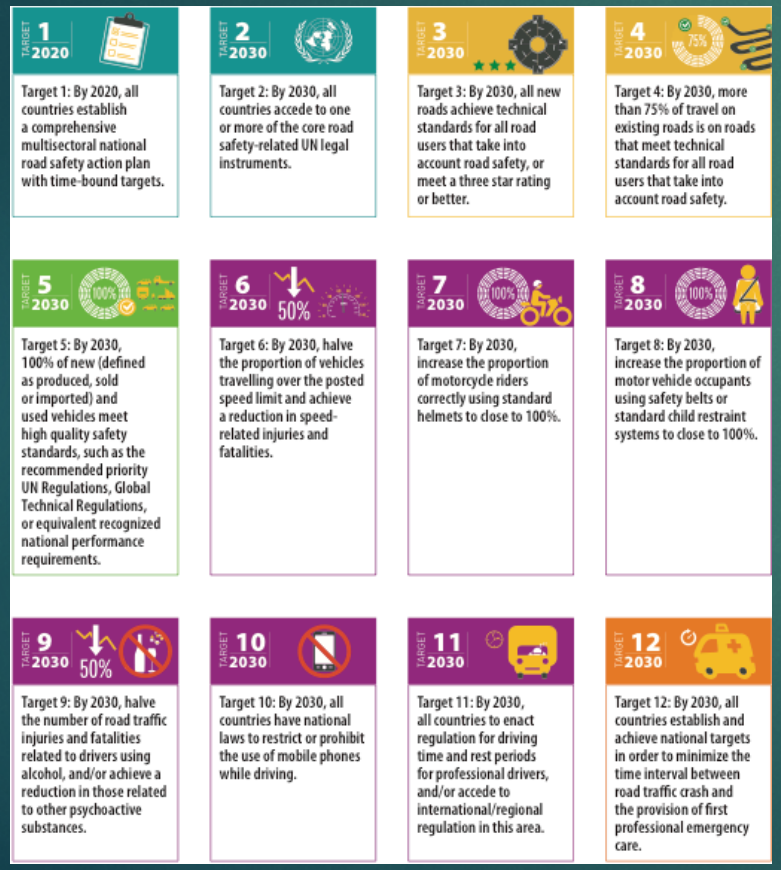
   All Vehicles must comply with International safety Regulations and equivalent

2. Minister's Circular on Vehicle Technical Requirement issued No: 4312/MPTCP
3. Prime Minister Decree on National Environment Standard No: 81/PM, 21 Feb 2017 (Ministry of Natural Resource and environment)
4. Fuel Standard 2017 (Ministry of Science and Technology)
5. National Road Safety Strategy (MPWT) 2020

Existing Vehicle Safety and Environment Regulations (cont')

National Road Safety Strategy

12 road safety targets to support UN Sustainable Development Goals



These 12 targets were prepared collaboratively through United Nations auspices

They have helped inform strategy development in Laos

Existing Vehicle Safety and Environment Regulations (cont')

Based on the voluntary performance targets prepared by the United Nations

Final Safety Outcome	2015-18 Baseline	2030 Target
Number of fatalities	1040	< 520
Rate of fatalities per 100,000 population		
Number of serious injuries		
Number of motorcycle fatalities		

Intermediate Safety Outcome	2030 Target
Vehicles exceeding the posted speed limit	Less than 25%
Adult motor vehicle occupants correctly using seatbelts	At least 95%
Motorcycle riders correctly using helmets	At least 95%
Drivers testing above the legal alcohol limit	Less than 0.1%
iRAP safety star rating for Asian Highway network	At least 3 star
Travel on main urban roads that meet a three-star safety ratings or better	> 75%
New motor vehicles meet at least 7 of the 8 priority UN vehicle safety standards	100%
Time between crash and first professional emergency care	metric to be developed

Existing Vehicle Safety and Environment Regulations (cont')

8 Strategic Direction and Action Plan of NRS Lao PDR

1. Promote the safe system Approach
2. Strengthen road safety Governance & Leadership
3. Upgrade data, Monitoring and Evaluation System
4. Tackle Motorcycle safety
5. Sustain Rider/driver Enforcement and campaign
6. Regulate Vehicle Safety Technology
7. Demonstrate and rollout safe road environments
8. Invest in post-crash response

Priorities	Immediate Priority	Short Term Priority	Medium Term Priority

Existing Vehicle Safety and Environment Regulations (cont')

8 Strategic Direction and Action Plan of NRS Lao PDR

1. Promote the safe system Approach
2. Strengthen road safety Governance & Leadership
3. Upgrade data, Monitoring and Evaluation System
4. Tackle Motorcycle safety
5. Sustain Rider/driver Enforcement and campaign
6. Regulate Vehicle Safety Technology
7. Demonstrate and rollout safe road environments
8. Invest in post-crash response

Priorities	Immediate Priority	Short Term Priority	Medium Term Priority

6. Regulate vehicle safety technology

1. Vehicle safety technology program to promote key UN vehicle safety regulations, and prepare a Regulatory Impact Statement	MPWT
2. Tender a major project to pass key safety regulations, establish compliance and enforcement systems, build capacity within MPWT	MPWT
3. Complete legislative requirements, and begin delivery of new vehicle safety regulatory system	**MPWT**

Certification System on Technical Requirement

MPWT
Department of Transport
(Approval Authority)

CERTIFICATE

manufacture

+ Inspect all of information package.
+ COP assessment (Field Visit).
+ Issue of Type Approval Certificate.

+ Submit Information package (Technical Requirement)

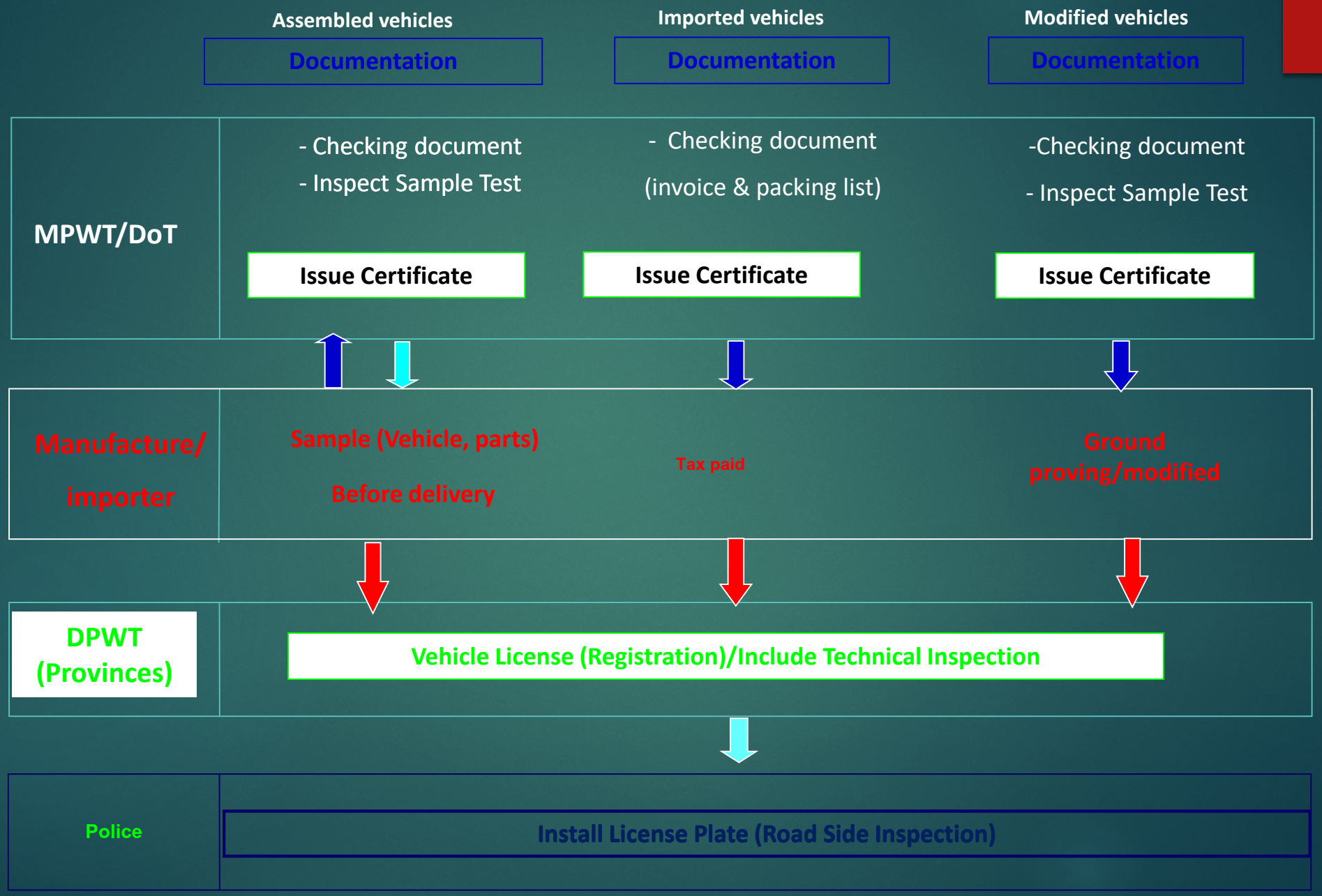
+ Prepare sampling MV
+ Testing (Emission Test)

Technical service

+ Test Result

Note: The current system of imported vehicle is base on paper work and mission test is not yet required by regulation.

Certification System on Technical Requirement (Cont')



Challenges

1. **The existing vehicle safety regulations need to be improved.**
2. **Modify motor vehicle classification to align with UN regulation.**
3. **Human resource and technical support regarding the Vehicle Safety and Vehicle Type Approval System is urgent to be established.**
4. **Limitation of government's budgeting**

Roadmaps

1. **Formulate Motor Vehicles Law (40%)**
2. **Drafting the EV regulation**
3. **Finalized new Regulation to managing inspection center in the Nationwide 2020**
4. **Finalized Decree for managing import and export motor vehicles in Lao PDR (Feb 2020)**
5. **Adoption UN Regulation under ASEAN MRAs (2021)**

   - Breaking R13and R13H

   - Exhaust Emission R40, R49 and R83

   - Tire R54 and R75

   - Speedometer R39

6. Development New Vehicle Type Approval Systems 2021 and COP