AFRICA CLEAN MOBILITY WEEK 2018

Fuel and Vehicle Standards

Vehicle inspection, compliance and enforcement – Case of Rwanda

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Rwanda is a landlocked country situated in Eastern-central Africa, also known as “The Land of a Thousand Hills”.

Population: 12 Million on 26,338 km²: more than 450 people/km²

Borders: Uganda, Tanzania, Burundi and Democratic Republic of Congo.

Kigali City population is 1.2 Million

Rwanda has 4 official languages, Kinyarwanda, English, French and Swahili.

In Rwanda, cars drive on the right hand side of the road.

4 National Parks: Akagera Park 1934, Nyungwe 2004, Virunga or Volcanoes Park 1925 (home to the Mountain Gorillas), and recently the Gishwati Park.
Ambient monitoring data for all criteria pollutants (SO$_2$, O$_3$, CO, NOx, PM2.5) indicate that:

1. Particulates (PM10, PM2.5) and Oxides of nitrogen (NOx) are currently the main pollutants of concern in Rwanda (above international standards)
2. NOx are high and above standards close to busy and congested roads in Kigali
3. Background particulates concentration are high and likely caused by domestic stoves
4. Traffic contributes to background PM near busy roads
5. Elevated levels of particulates have been observed in some rural areas as well
Emissions from road traffic: fleet breakdown

- Excluding motorcycles:
  - 56.7% of all vehicles made before 1999
  - 77.2% of vehicles are made before 2005
  - No age limitation on imported vehicles. Car depreciation factor applied on taxes to discourage old vehicles
**Interim measure of 2013**
Prime Minister’s Instructions preventing air pollution caused by vehicular emissions and machines using petroleum products in Rwanda.

Article 5: **All vehicles shall undergo emissions inspection with the Motor Vehicle Inspection Centre**
Non compliant vehicles not authorized to operate in Rwanda.

**Current Regulation**
Law Nº 18/2016 of 18/05/2016 governing the preservation of air quality and prevention of air pollution in Rwanda.
Article 9: **Means of transport referred to under Paragraph One of this Article operating in Rwanda must undergo an inspection for emissions control.**

- Ministerial Order determining requirements and measures for compliance with permissible emissions limits by motor vehicles.
Inspection of Motorvehicle Emissions

- Emissions inspections implemented by the Motorvehicle Inspection Centre operated by the Rwanda National Police. One center in Kigali with 3 lanes, 4 Centers in provinces and 1 mobile facility. All with emissions inspection equipment.

- Emissions inspection is mandatory to all vehicles operating in Rwanda (twice a year for all commercial and public transport vehicles and once a year for other vehicles (private, public and even utilities)).

- The Traffic Police has now acquired mobile and hand held emissions inspection equipment for on-spot checks (Effective use hasn’t yet started).
Vehicles emissions inspection

- Inspected parameters: Hydrocarbons and Carbon Monoxide for gasoline vehicles and Opacity for diesel vehicles

- Motorcycles do not undergo inspections (In plans)
## Traffic fines for non compliant vehicles

<table>
<thead>
<tr>
<th>No.</th>
<th>Traffic Offense</th>
<th>Traffic Violation</th>
<th>Contingency</th>
<th>Amount</th>
</tr>
</thead>
<tbody>
<tr>
<td>1</td>
<td>Driving under influence of alcohol/drugs</td>
<td>Drives under the influence</td>
<td>150,000</td>
<td></td>
</tr>
<tr>
<td>2</td>
<td>Refusal of alcohol/drugs test</td>
<td>Refuse the test alcohol</td>
<td>150,000</td>
<td></td>
</tr>
<tr>
<td>3</td>
<td>Hit and run (Hit after accident)</td>
<td>Accident</td>
<td>150,000</td>
<td></td>
</tr>
<tr>
<td>4</td>
<td>Violation of traffic regulations</td>
<td>Violation d’interdiction sur la route</td>
<td>150,000</td>
<td></td>
</tr>
<tr>
<td>5</td>
<td>Parking on pedestrian way</td>
<td>Stationnement sur trottoir</td>
<td>150,000</td>
<td></td>
</tr>
<tr>
<td>6</td>
<td>Use of prohibited headlights</td>
<td>Utilisation de phares interdits</td>
<td>150,000</td>
<td></td>
</tr>
<tr>
<td>7</td>
<td>Guca Ju Kindi Kinyahiziga Kwateza Akasa</td>
<td>Impede the traffic on road</td>
<td>Generateur la circulation</td>
<td>25,000</td>
</tr>
<tr>
<td>8</td>
<td>Kubangira Abakoresha Umuhanda</td>
<td>Violation of the road steady line</td>
<td>Violation de la ligne continue</td>
<td>25,000</td>
</tr>
<tr>
<td>9</td>
<td>Kutubahiriza Umurongo Ukomeje W’Umuhanda</td>
<td>Violation of zebra crossing</td>
<td>Violation de la traversée</td>
<td>25,000</td>
</tr>
<tr>
<td>10</td>
<td>Kutubahiriza Umurongo Y’Abanyamaguru (Zebra crossing)</td>
<td>Wheel clamp lifting</td>
<td>Retrait du sabot immobilisateur</td>
<td>25,000</td>
</tr>
<tr>
<td>11</td>
<td>Kuvanaho Igifashi (Cash power)</td>
<td>Without motor vehicle inspection certificate</td>
<td>Sans controle Technique</td>
<td>25,000</td>
</tr>
<tr>
<td>12</td>
<td>Kutagira Cyangambwa Cy)a Controle</td>
<td>Polluting the environment</td>
<td>Polluer l’environnement</td>
<td>25,000</td>
</tr>
<tr>
<td>13</td>
<td>Gahumanya / Kwagiriza Iridekide</td>
<td>Interruption of priority</td>
<td>Couper la priorité</td>
<td>25,000</td>
</tr>
<tr>
<td>14</td>
<td>Kutubahiriza Tame Ny’uwa</td>
<td>Dangerous maneuvers</td>
<td>Eaux manœuvres</td>
<td>25,000</td>
</tr>
<tr>
<td>15</td>
<td>Gukoresha Nabi Umuhanda</td>
<td>Forbidden parking</td>
<td>Stationnement interdit</td>
<td>25,000</td>
</tr>
<tr>
<td>16</td>
<td>Guparika Ahatemwe</td>
<td></td>
<td></td>
<td></td>
</tr>
</tbody>
</table>
Other Clean Mobility initiatives in Rwanda: Car Free Days
Other Clean Mobility initiatives in Rwanda: Car Free Zones
Other Clean Mobility initiatives in Rwanda: Dedicated and well built pedestrians lanes

Now mandatory for new roads and upgrading of existing roads
THANK YOU FOR YOUR ATTENTION