

## PROPOSAL FOR A MANDATE FOR AN INFORMAL GROUP OF GRPE DEALING WITH RETROFIT EMISSIONS CONTROL DEVICES

### I. TERMS OF REFERENCE

#### 1. Name of the Group:

GRPE Informal group on Retrofit Emissions Control Devices (REC)

#### 2. Scope

The scope will include the following:

- Regulation No. 49 - Emissions of C.I., NG, and P.I. (LPG) engines,
- Regulation No. 96 - Emissions of Engines for Tractors and Non-Road Mobile Machinery,
- Regulation No. 103 - Replacement catalytic converters,
- Other topics dealing with Retrofit Emissions Control Devices that are addressed by the GRPE.

#### 3. Tasks

Evaluate harmonized requirements for retrofit emission control devices intended for fitment to

- a) heavy-duty vehicles equipped with engines Type Approved to Regulation No. 49
  - b) non-road mobile machinery and tractors with engines Type Approved to Regulation No. 96
- with the aim to facilitate testing and type approval of such devices in the light of:

- the need for defined performance measures for such devices,
- adoption of low emission zones in the territories of contracting parties,
- the need for uniform provisions applicable to vehicles engaged in cross-border transport,
- market entry of new technologies.

The requirements will be performance oriented as far as possible.

Evaluate harmonized requirements for replacement catalytic converters of Regulation No. 103 in conjunction with the development of harmonised requirements for Retrofit Emissions Control Devices.

Develop a draft Regulation for retrofit emission control devices to be installed on heavy-duty vehicles and non-road mobile machinery and tractors resulting from these evaluations and submit it for consideration by GRPE.

#### 4. Organisation

Chair: The Netherlands  
Secretariat: AECC

## II. RULES OF PROCEDURES

1. Membership: Open to all government, industry and other parties affiliated with UNECE, with an interest in the retrofitting of emissions control devices.
2. Meetings: Meetings will, whenever possible, be linked to the GRPE sessions. However, additional meetings, where necessary, can be organised in between these GRPE-linked meetings.  
All working documents, agenda and reports will be posted on the GRPE web site.
3. Duration: 2 years: June 2010 – June 2012.
4. Priorities: The group will start its work with the review of retrofit requirements for control of particulate emissions from heavy-duty vehicles, categories M and N and equivalent requirements for other applications such as non-road mobile machinery and tractors.

The group will then review the potential to develop requirements for systems which also control NOx emissions.

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