

CLEPA Position on:

Advanced Emergency Braking System (AEBS)

- Scope: mandatory for
 - HDV: M2, M3, N2 and N3 with EVSC
 - PC: M1 and N1
- Amendment of
 - HDV: R13 (braking)
 - PC: R13H (braking)
- Functional requirements
 - HDV: warning & autonomous braking mandatory
 - PC: warning & brake support function mandatory
autonomous braking optional
- Speed range
 - Between 20-130 km/h mandatory
 - Outside this range optional
- Detection capabilities: reaction to
 - Moving and stopped vehicles mandatory
 - Stationary vehicles, motorcycles and pedestrians
optional
- Failure warning
 - Failure warning & non-failure loss of functionality
indicators mandatory
- Switch-off
 - Driver shall not be able to switch off manually
- Override
 - Driver shall always be able to override

Lane Departure Warning System (LDWS)

- Scope: mandatory for all vehicles (M & N)
 - Exemption of special purpose vehicles TBD
- Amendment of R79 (steering)
- Functional requirements
 - Lane warning mandatory
 - Lane keeping optional
- Speed range
 - Between 60-130 km/h mandatory
 - Outside this range optional
- Detection capabilities: reaction when
 - Maximum 0.3 m outside of the lane marking
- Failure warning
 - Failure warning & non-failure loss of functionality
indicators mandatory
- Switch-off
 - Driver shall be able to switch off manually
 - Automatic default to 'ON' at start-up