

Organisational and Software Anti-Tampering Mechanisms throughout the Testing Process

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ANTI-TAMPERING

Organisational and software anti-tampering mechanisms throughout PTI process 2014 vs 1





WHY A TECHNICAL INSPECTION?





WHICH VEHICLES FOR PTI?





WHAT PTI APPLIES TO?











Braking



Lighting, Signalling



Taxi

Mechanical parts

Pollution



Structure, Body



Visibility



Public Transport







PTI SUPERVISION























Commissioning / service /calibration







SAFETY TESTS:

Pollution Tests :

P

Opacity measurement (Diesel)

Result transmission

VISIBILITY AND LIGHTING:

COMMUNICATION

- RS232
- Wifi

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- Bluetooth
- Concentrator module:
 - GIEGnet / GIEGlan
 - OTClan
- Telemaintenance/remote upgrading
- Remote backup
- (CCD camera, sound, speaker, Skype)

Vehicle Inspection Management

Solution for 2/3 wheelers, HGV & LGV

Management software: Mono and multi centres

Phase Test

Global architecture, various layers

Vehicle Inspection Process Software

Vehicle identification double check

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OTC LAN | CENTRALISATION ARCHITECTURE

Annex II: Article 12.2.5: Make impossible all changes of the information sent by control equipment

OTCLAN : TRACEABILITY AND SECURITY

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DATA TRANSMISSION: OPERATING

File sharing & data exchange

AJ540FM.CI vehicle file which starts the mechanism

EXAMPLE:

European Commission **ROADWORTHINESS PACKAGE expectation**

International Motor Vehicle Inspection Committee 2014 CITA Conference

www.cita-vehicleinspection.org

CITA 2014 Session xxx

Workshop x:

Anti-tampering mechanisms

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