Informal document EFWG-01-04
(1st meeting of the Enforcement Working Group, 28 June 2012, agenda item 8.9)

Federal Motor Transport Authority
KBA - We score with road safety
- Vehicle Technology-

Typeapproval and corresponding measures for vehicles
Vehicle Technology

Typeapproval and corresponding measures for vehicles

- The Lifecycle of a vehicle under the view of accompanying measures in the EU.

  Development | Construction | Production | In Service (‘Alive’) | Off Service (‘After-Live’)

- Obligations and responsibilities of the manufacturer (OEM) during the different phases
Vehicle Technology

Typeapproval and corresponding measures for vehicles

Ministry of Transport
Approval Authority TAA
Technical Service (Testlab)
New Technologies

OEM

Legislation (EU 2007/46/EC 1958 Agrm.)
ISO and other Standards
Horizontal Legislation CE Marking
QM (ISO 900X)

Initial Assessment

New Design
New Market wishes

The Lifecycle of a vehicle
Development → Prototypphase → Production → In Service (‘Alive’) → Off Service (‘After-Live’)
Vehicle Technology

Typeapproval and corresponding measures for vehicles

The Lifecycle of a vehicle
- Development
- Prototypphase
- Production
- In Service (‘Alive’)
- Off Service (‘After-Live’)

Approval Authority
TAA
Technical Service (Testlab)

R83
R...
R13H

Durability Testing
Prototyp / 0-Serie

OEM

Emission Approval
... Approval

WVTA

Emission Testing

Crash Testing

Recyclability, Reusability, Recoverability

Brake Approval
Exemption New Technologies

Prototyp / 0-Serie
Vehicle Technology

Typeapproval and corresponding measures for vehicles

The Lifecycle of a vehicle

- Development
- Prototype phase
- Production
- In Service ('Alive')
- Off Service ('After-Live')
Vehicle Technology

Typeapproval and corresponding measures for vehicles

The Lifecycle of a vehicle

Development → Prototypphase → Production → In Service (‘Alive’) → Off Service (‘After-Live’)

- Recalls
- Product Safety
- Market Surveillance
- Approval Authority TAA
- Field Tests
- CoP Verification
- Technical Service (Testlab)
- Product Testing
- CoP Testing
- ETAES/DETA*
- CoP Registration
- Data
- Keep Production in Conformity
- OEM-QM
- CoP-OEM
- Product Responsibility and Surveillance
- Approval Authority TAA
- IUC
- In Use Compliance
- ISC
- In Service Conformity
- PEMS*
- Portable measurement
- EU-NCAP
- Market
- Technical Service (PTI)
- PTI every 1 / 2 Years
- In Service Compliance (CoC)
- OEM Keep Production in Conformity
- CoP
- Testing
- Product Testing
- PE�S*
Vehicle Technology

Typeapproval and corresponding measures for vehicles

The Lifecycle of a vehicle

Development → Prototypphase → Production → In Service ('Alive') → Off Service ('After-Live')

Reclaim vehicles

Registration Authority

Database

Vehicle Grave Yard

End of Life Authority

End of Life RRR
Recycle, Reuse, Recover

OEM
Vehicle Technology

Typeapproval and corresponding measures for vehicles

Thanks for your kind attention!

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