

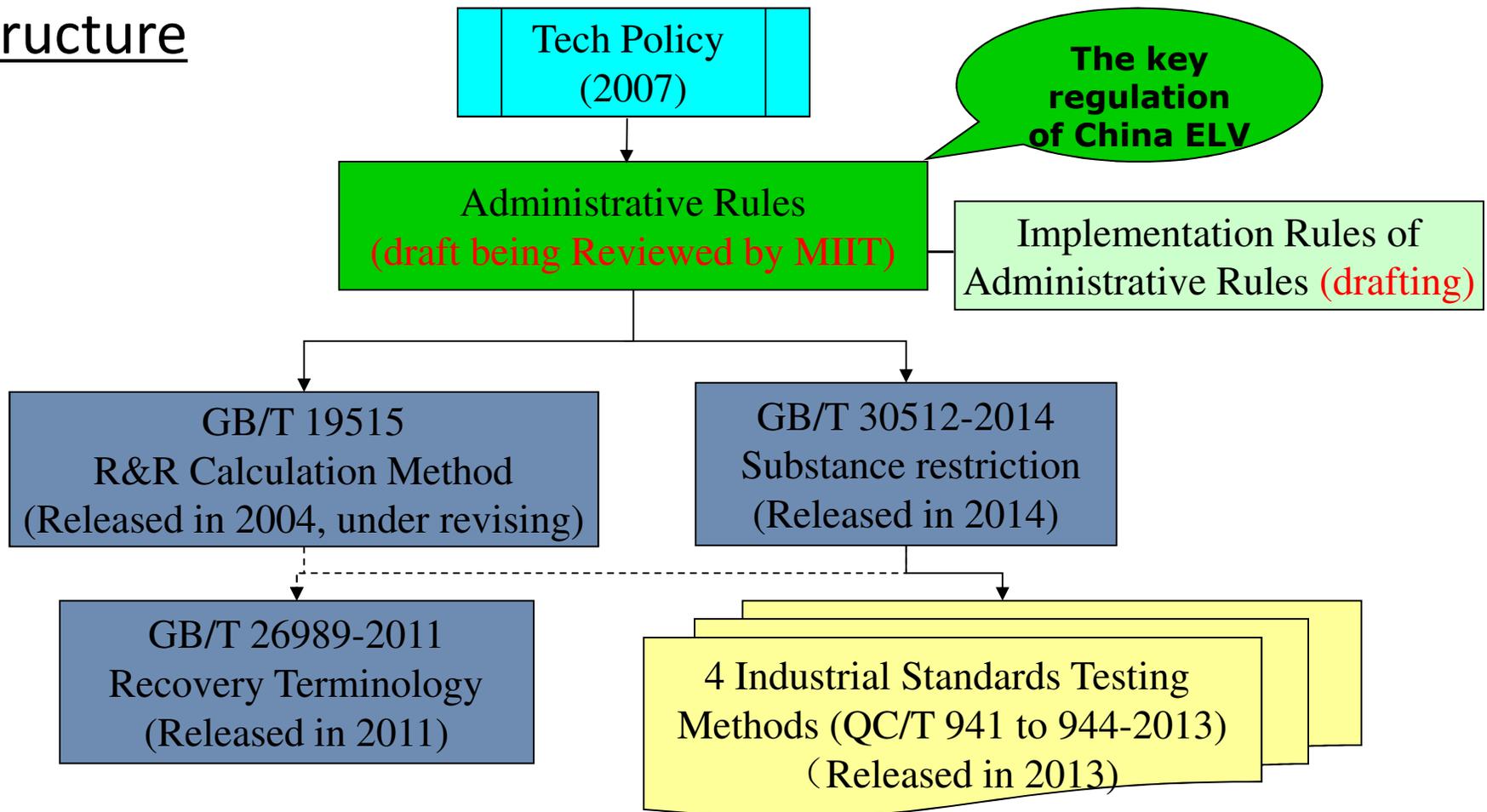
# China ELV

- Overall Status of China ELV
- Administrative Rules
- Implementation Rules
- Suppliers' Impact
- Next Step

June, 2014

# Overall Status of China ELV

## Structure



## Latest Status

Administrative Rules will be published soon because almost all related GB/Ts have been already published.

# Administrative Rules

## Recoverability Rate for Motor Vehicles

- Mandatory Scope: Vehicles of category **M1** and **N1**  
                                   'Domestic production vehicles' and 'Imported vehicles'
- - The vehicles with new type approval

Recyclability rate : 80% and more Recoverability rate : 90% and more	Application date : <b>The first of 2015*</b>
Recyclability rate : 85% and more Recoverability rate : 95% and more	Application date : <b>The first of 2017*</b>

- - The vehicles in production

Recyclability rate : 80% and more Recoverability rate : 90% and more	Application date : <b>The first of 2017*</b>
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\*: Not fixed yet as of May, 2014  
 Application date is CATARC's estimation.

# Forbidden Substances for Motor Vehicles

( Extract from GB/T 30512-2014 )

- Mandatory Scope: Vehicles of category **M1** and **N1**  
                   'Domestic production vehicles' and 'Imported vehicles'
- - The vehicles with new type approval

Forbidden Substances: Lead, Mercury, Cadmium, Hexavalent Chromium, PBB*1 and PBDE*1
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Application date : The first of 2015*2
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- - The vehicles in production

Forbidden Substances: Lead, Mercury, Cadmium, Hexavalent Chromium, PBB*1 and PBDE*1
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Application date : The first of 2017*2
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\*1: Brominated flame retardants

\*2: Not fixed yet as of May, 2014

Application date is CATARC's estimation.

- Spare parts:  
     Out of scope of Administrative Rules.

## Forbidden Substances for Motor Vehicles

- Exemption List (excerpt version) : ( Extract from GB/T 30512-2014 )
- - Lead as an alloying element

Steel for machining purposes galvanized steel components containing up to 0.35% lead by weight	Expiry date: <b>without any date</b>
Aluminum with a lead content up to 0.4% by weight	
Copper alloy containing up to 4% lead by weight	

- - Lead and lead compounds in components

Batteries	Expiry date: <b>without any date</b>
Lead in solders in electrical applications or on electronic circuit boards	
Lead in a glass or ceramic matrix compounds - not cover the use of lead in glass in bulbs and glaze of spark plugs	

- - Mercury

Discharge lamps for headlight application	Expiry date: <b>without any date</b>
Fluorescent tubes used in instrument panel displays	

# Implementation Rules

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## Automotive Product Audit

### High risk parts

CATARC requests OEMs to submit 'Test Report'.

### The rest of other parts

CAMDS users :

CATARC requests OEMs to show CAMDS ID.

IMDS users:

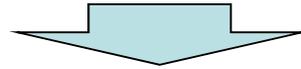
CATARC requests OEMs to perform 'On-site check' confirming whether OEMs gather proper data or not from suppliers.

How to treat 'Compliance control' and 'Tracking approach' are big influence to automobile supply chain.

# Suppliers' Impact

## MDS Reporting

Chinese OEMs request suppliers to use their specified tool / method such as **IMDS**, **CAMDS** and **Test report**.



How to reduce our work load for MDS reporting

- To avoid submitting any test reports to OEMs.
- To convert our data between IMDS and CAMDS smoothly.

## Forbidden Substances

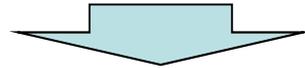
How to change over 6 banned materials / chemicals in our products

- To change over 'Brominated flame retardants' such as PBB and PBDE (not regulated in EU Directive)

# Next Step

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China is the biggest market for automobile supplier chain!



JAPIA would like to cooperate with European OEMs and CLEPA to follow up China ELV and the related regulations.