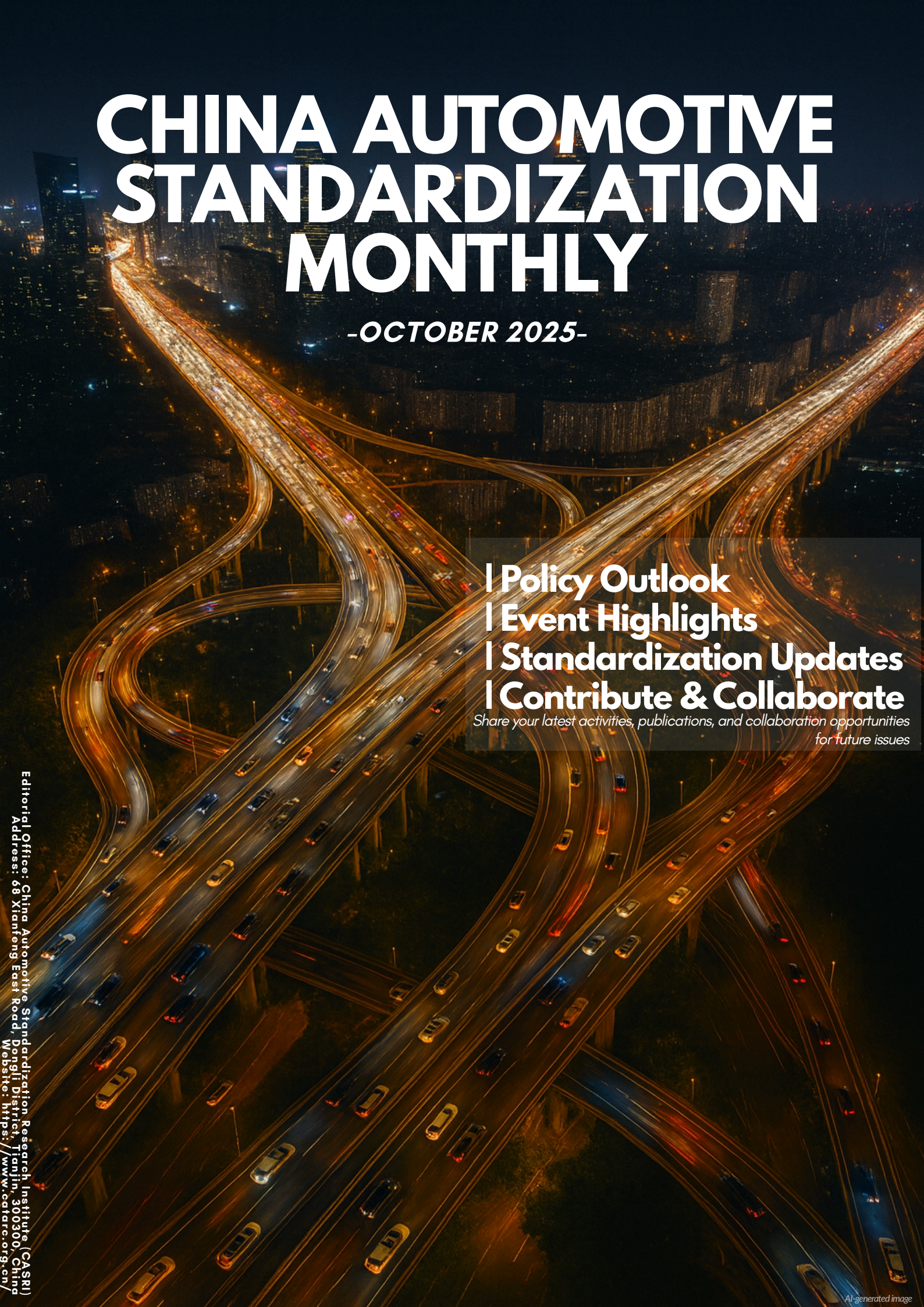
# CHINA AUTOMOTIVE STANDARDIZATION MONTHLY

*-OCTOBER 2025-*



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*Share your latest activities, publications, and collaboration opportunities for future issues*

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*AI-generated image*

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# I Policy Outlook

## 01 NDRC and Other Ministries Issue the "Three-Year Action Plan (2025–2027) for Doubling the Service Capacity of Electric Vehicle Charging Infrastructure"

On 15 October 2025, the National Development and Reform Commission (NDRC), together with the National Energy Administration, the Ministry of Industry and Information Technology, the Ministry of Housing and Urban-Rural Development, the Ministry of Transport, and the State Administration for Market Regulation, jointly released the *Three-Year Action Plan (2025–2027) for Doubling the Service Capacity of Electric Vehicle Charging Infrastructure* (hereinafter referred to as the "Action Plan"). The document outlines measures to expand and improve the national charging service network, enhance user experience, and support broader adoption and use of electric vehicles.

According to the Action Plan, China aims to have 28 million charging facilities nationwide by the end of 2027, providing over 300 GW of public charging capacity. This level of infrastructure is expected to meet the charging needs of more than 80 million electric vehicles, effectively doubling the country's charging service capacity within three years.

The Action Plan also sets out requirements for strengthened coordination across government bodies.

- The Ministry of Industry and Information Technology will increase support for vehicle-grid interaction technologies and guide new-energy vehicle manufacturers in related functionality development and standards work.
- The Ministry of Transport will oversee the advancement of charging infrastructure along highways, transport hubs, and expressway service areas.
- The State Administration for Market Regulation, together with MIIT and the National Energy Administration, will enhance oversight of product quality and safety for charging equipment and provide guidance on relevant standards development.

*Source: National Development and Reform Commission (https://www.ndrc.gov.cn/)*

# 02 MOFCOM, MFA, NDRC, MIIT and SASAC Issue Guidelines to Improve Overseas Comprehensive Service Systems

On 17 October 2025, the Ministry of Commerce, the Ministry of Foreign Affairs, the National Development and Reform Commission, the Ministry of Industry and Information Technology, and the State-owned Assets Supervision and Administration Commission of the State Council jointly released the Guidelines on Further Improving Overseas Comprehensive Service Systems (hereinafter referred to as the "Guidelines"). The document aims to support the stable and healthy development of Chinese enterprises operating overseas.

The Guidelines call for expanding the range of professional services available to companies overseas. They encourage institutions in IT, intellectual property, standards, certification, and human-resources to strengthen their international service capabilities, adopt digital solutions, and participate in international standards and regulatory development. The document also promotes exploring mutual recognition of professional qualifications and building expert and think-tank resources to assist enterprises.

The Guidelines emphasize closer alignment with international rules and practices, including deeper cooperation with multilateral institutions and greater compatibility with widely accepted commercial and economic standards. They encourage enterprises to prioritize localized operations, fulfill social responsibilities, and strengthen their international brand image. The document also highlights the need to integrate corporate growth with local community development and advance shared and sustainable outcomes for stakeholders, including employees, suppliers, customers, host-country governments, and the environment.

*Source: Ministry of Commerce of the People's Republic of China (https://www.mofcom.gov.cn/)*

# 03 2025 World Standards Day Message and Poster Released: "A Shared Vision for a Better World—Strengthening Partnerships for Sustainable Development"


The 2025 World Standards Day theme, "A Shared Vision for a Better World: Strengthening Partnerships for Sustainable Development," underscores the importance of collaboration in advancing global sustainability efforts. The message highlights that the Sustainable Development Goals (SDGs) are ambitious and far-reaching, aiming to address social inequality, support sustainable economic growth, and mitigate climate change. Achieving these goals requires close cooperation across the public and private sectors, along with effective use of tools such as international standards and conformity assessment.


The global experience of responding to the pandemic demonstrated the need for inclusive approaches to the SDGs—approaches that strengthen resilience and promote fairness and justice in societies. The message calls on all stakeholders to work together to reaffirm the importance of the SDGs in rebuilding a better world, noting that the role of standards is more essential than ever.

Collaboration is described as the foundation of the standardization system, reflecting the belief that "the power of unity exceeds the sum of individual efforts." By working together, partners can deliver practical solutions to the sustainability challenges facing communities worldwide.

In this spirit, the World Standards Day campaign has, for many years, showcased the diverse ways in which international standards support progress toward the SDGs. The message concludes with a call for collective action to accelerate the UN 2030 Agenda and contribute to a shared and sustainable future through the power of standards.

*Source: National Standardization Administration (https://www.sac.gov.cn/)*

# II Event Highlights

## 01 WASIC 2025 Strengthens Global Cooperation on Automotive Standards

International conference highlights new partnerships, digital innovation, and shared progress toward sustainable mobility

The 2025 World Automotive Standards Innovation Conference (WASIC), held on October 28–29 in Shenzhen, brought together over 300 representatives from 20+ countries, including UN agencies, ISO, IEC, African and European standardization bodies, industry experts, and leading enterprises. The events highlighted global collaboration on automotive standards, sustainable development, and emerging technologies.

**Conference Highlights**

- Senior officials from SAMR, MIIT, CATARC, Shenzhen Government, and ISO emphasized the growing role of standards in supporting innovation, industrial upgrading, and global cooperation.
- Experts discussed key topics such as electrification, intelligent connectivity, AI applications, battery safety, efficiency, and sustainable mobility.
- The conference reinforced that standards are becoming central tools for trust, interoperability, and sustainable development in the global automotive industry.

**Key Outcomes**


- Automotive Standardization Cooperation between SAC/TC 114 - ARSO/TC 59 officially launched to deepen collaboration in standards, testing, and capacity building.


- China Automotive Technology & Research Center (CATARC) and the Moroccan Institute of Standardization (IMANOR) signed a Memorandum of Understanding, covering automotive standards, parts certification, and technical exchange.


- Release of the "United Nations Sustainable Development Goals and the Automotive Standardization Initiative" report, promoting green and innovation-driven cooperation.


- Launch of the China Automobile Standards Internationalization Center (Bangkok) and an AI-powered global automotive standards platform, supporting cross-regional cooperation and digital transformation.

**International Dialogue**

Representatives from UNECE, IEC, WBCSD, AFSEC, VDA, and others exchanged views on global standardization trends. The Dialogue shared consensus on:

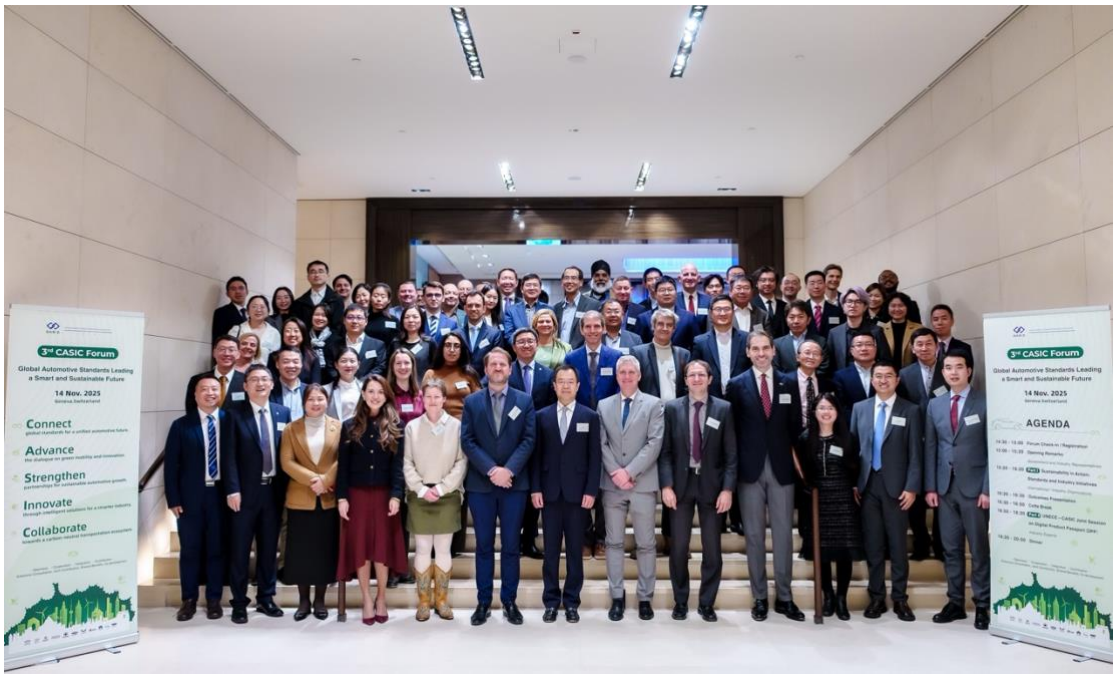
- Standards form the foundation of global trust and collaboration.
- Sustainable development requires shared responsibility and stronger cooperation.
- WASIC is evolving into an important global platform for dialogue and innovation.

**China–Africa Automotive Standards and Regulations Cooperation Dialogue**


Chinese and African delegates committed to long-term mechanisms, standards alignment, green development, and talent cooperation. Discussions covered standardization needs in Africa, industrial transformation, and opportunities for deeper technical partnerships. Both sides emphasized mutual benefit, openness, and practical, action-oriented cooperation.

# 02 3rd China Automobile Standards Internationalization Center (CASIC) Forum Successfully Held in Geneva

The 3rd China Automobile Standards Internationalization Center (CASIC) Forum was successfully held in Geneva, Switzerland on November 14, 2025. Organized by CASIC, this globally influential platform brought together over 100 officials and experts from governments, international organizations, and automotive industries worldwide to facilitate dialogue and cooperation on automotive standards and regulations, aiming to advance the internationalization of Chinese automotive standards, deepen integration into the global regulatory system, and promote the sustainable, high-quality development of the global automotive industry in alignment with UN SDGs.




Li Wei, Vice President of CATARC, Zhang Xiangchen, WTO Deputy Director-General, and Michael Kleiner, Economic Department Official from Geneva Canton, highlighted CASIC's significant role in global governance and fostering international cooperation. They emphasized the importance of China-Switzerland technical and economic exchanges in advancing the development of global automotive standards and regulations.

**Keynote sessions provided insights into the latest development of automotive technology and regulations:**

- Decarbonization of Inland Transport – UNECE WP.29/GRPE shared updates on policies to reduce emissions and promote green transport.
- AI-Driven Sustainability in Mobility – The FIA presented the impact of artificial intelligence on sustainable mobility solutions.
- Global Digital Infrastructure for Connected Vehicles – China Mobile discussed advancements in global infrastructure for intelligent, connected vehicles.

- Autonomous & Connected Vehicle Regulations – UNECE WP.29/GRVA shared updates on international regulatory frameworks for autonomous vehicles.

**CASIC's initiative on AI Standardization in Automotive Industry**

CASIC released the "Initiative on the Standardization Development of Artificial Intelligence Technologies in the Automotive Industry (2025)".

The initiative is presented as a **SPECIAL REPORT** in this issue, with the full document available separately.

**Digital Product Passport (DPP) Session**

A focused session explored the framework, challenges, and implementation of the Digital Product Passport (DPP), with remarks by UNECE Secretary Kamola Khusnutdinova and international experts, providing insights on how the DPP will shape the future of automotive manufacturing and recycling.

**Looking Forward**

The 3rd CASIC Forum reinforced CASIC's role as a key facilitator of global collaboration and innovation of the automotive industry. Moving forward, CASIC will continue to serve as a vital link, driving international cooperation, advancing the UN SDGs, and supporting the sustainable development of the global automotive sector.

*Source: http://www.casicgeneva.org/*

中国汽车标准国际化中心（日内瓦）
China Automobile Standards Internationalization Center (Geneva)

# III Standardization Updates

## 01 Standard projects approved and initiated

| Serial No. | Name of the standard | Type |
|---|---|---|
| 1 | Test and evaluation method for thermal comfort of vehicles | National |
| 2 | Technical requirements for caravans | National |
| 3 | Acceleration performance test method for motor vehicles | National |
| 4 | Model coding rules and identification number of child restraint system | National |
| 5 | Test method for energy consumption rate and driving range of electric motorcycles and electric mopeds | National |
| 6 | Road vehicles — Location of electrical and pneumatic connections between towing vehicles and trailers | National |
| 7 | Diesel fuel and petrol filters for vehicle engines — The test method for filtration efficiency and contaminant retention capacity — Method of particle counting | National |
| 8 | Passenger detection device for vehicle seat belt reminder | National |
| 9 | Terms and definitions for automotive ride comfort | National |
| 10 | Software Quality Requirements and Assessment for Vehicles | National |
| 11 | Road vehicles — Electrical disturbances from conduction and coupling — Part 5:Enhanced definitions and verification methods for harmonization of pulse generators according to GB/T 21437 | National |
| 12 | Capability Assessment Guidelines for Automotive Large Language Models | National |
| 13 | Architecture guide for automotive artificial intelligence platform | National |
| 14 | Application guide for automotive artificial intelligence technology | National |

| Serial No. | Name of the standard | Type |
|---|---|---|
| 15 | Technical Guidelines for continued Manufacturing of Incomplete Vehicles | National |
| 16 | Road vehicles — Guidelines for auditing cybersecurity engineering | National |
| 17 | Requirements and test methods for glare of interior decoration of passenger cars | National |
| 18 | Test methods for high and low temperature energy consumption of light-duty hybrid electric vehicles | National |
| 19 | Test methods for extreme environment adaptability of vehicles | National |
| 20 | Freight trailer series pedigree | National |
| 21 | Technical requirements of side airbag and curtain airbag protecting passengers from ejection | National |
| 22 | Door strength requirements and test methods of passenger car | National |
| 23 | Diesel engines—Fuel filters—Method for evaluating fuel/water separation efficiency | National |
| 24 | Production label for child restraint system of power-driven vehicles | National |
| 25 | Technical requirements for gas leakage alarm device of gas vehicle | National |
| 26 | Filling receptacle of CNG vehicle | National |
| 27 | Fuel Filter -Initial Single-Pass Efficiency Test Method | National |
| 28 | Road vehicles—Environmental conditions and testing for electrical and electronic equipment—Part 3: Mechanical loads | National |
| 29 | Road vehicles—Environmental conditions and testing for electrical and electronic equipment—Part 5: Chemical loads | National |
| 30 | Road vehicles — Environmental conditions and testing for electrical and electronic equipment — Part 1: General | National |
| 31 | Road vehicles—Environmental conditions and testing for electrical and electronic equipment—Part 4: Climatic loads | National |

| Serial No. | Name of the standard | Type |
|---|---|---|
| 32 | Test method for automotive ride comfort | National |
| 33 | Recovery of traction battery used in electric vehicle — Recycling — Part 5: Recycled material product identification | National |
| 34 | Technical requirements and test methods for vehicle cybersecurity intrusion detection | National |
| 35 | Recovery of traction battery used in electric vehicle—Management specification—Part 6： Residual value assessment | National |
| 36 | Recovery of traction battery used in electric vehicle—Management specification—Part7: Guidelines for integration of the entire industrial chain (IEIC) design | National |
| 37 | Technical requirements for caravans | English versions |
| 38 | Acceleration performance test method for motor vehicles | English versions |
| 39 | Test methods for high and low temperature energy consumption of light-duty hybrid electric vehicles | English versions |
| 40 | Recovery of traction battery used in electric vehicle — Recycling — Part 5: Recycled material product identification | English versions |
| 41 | Recovery of traction battery used in electric vehicle—Management specification—Part 6： Residual value assessment | English versions |
| 42 | Recovery of traction battery used in electric vehicle—Management specification—Part7: Guidelines for integration of the entire industrial chain (IEIC) design | English versions |
| 43 | Test methods for extreme environment adaptability of vehicles | English versions |

## 02 Standards soliciting public opinions

| Serial No. | Name of the standard | Type |
|---|---|---|
| 1 | Greenhouse gases — Quantification methods and requirements for carbon footprint of products — Electric vehicles | National |
| 2 | Greenhouse Gases — Quantification methods and requirements for carbon footprint of products — Traction batteries used in electric vehicles | National |
| 3 | Greenhouse Gases - Quantification methods and requirements for carbon footprint of products - Driving motors used in electric vehicles | National |
| 4 | Road vehicle—Enterprise carbon emission accounting and reporting—Whole vehicle manufacturing enterprise | National |
| 5 | Road vehicles -Technical requirements and test methods for vehicle lightning effect | National |
| 6 | Road vehicles-Electromagnetic environment adaptability requirements and test methods | National |
| 7 | Performance requirements and testing methods for electronic stability control system(ESC) for light vehicles | National |
| 8 | Performance requirements and testing methodsfor electronic stability control system (ESC) for heavy-duty vehicles | National |
| 9 | Solar simulation accelerated aging test methods for passenger vehicles | Industrial |
| 10 | Intelligent manufacturing for vehicle—Mass customization—Part 2: Digital marketing system technical requirements | Industrial |
| 11 | Wind noise measurement method for motor vehicle | Industrial |
| 12 | On road test method of buzz squeak and rattle evaluation for vehicle | Industrial |
| 13 | Measurement and rating methods of idling noise and vibration for motor vehicles | Industrial |
| 14 | Filter of fuel cell system – Part 2: Coolant particle filter | Industrial |
| 15 | Filter of fuel cell system Part 1: Coolant Ion exchange filter | Industrial |

| Serial No. | Name of the standard | Type |
|---|---|---|
| 16 | Thermal balance test method for Automotive diesel engine | Industrial |
| 17 | Cooling fan module for automobile | Industrial |

## 03 Standards reviewed

| Serial No. | Name of the standard | Type |
|---|---|---|
| 1 | Electric vehicles safety requirements | National |
| 2 | Coding regulation for automotive traction battery (Amd1) | National |
| 3 | General platform of battery swap for electric commercial vehicles- Part 2：Communication between vehicles and battery swap station | Industrial |
| 4 | Classification and treatment methods of faults for fuel cell system | Industrial |

## 04 Standards submitted for approval

| Serial No. | Name of the standard | Type |
|---|---|---|
| 1 | Steering system of motor vehicles–Basic requirements | National |
| 2 | Electric vehicles safety requirements | National |
| 3 | Road simulation rig test method for motor vehicles structural durability | National |
| 4 | Livestock and poultry transport vehicles | National |
| 5 | Technical specifications for electrification of child restraint systems for power-driven vehicles | National |
| 6 | Test and assessment method of headlighting systems photometric performance on vehicle level | National |

| Serial No. | Name of the standard | Type |
|---|---|---|
| 7 | Electrical performance requirements and test methods for electric double-layer capacitors used in hybrid electric vehicles | National |
| 8 | In-vehicle traction battery durability requirements and test methods for electric vehicles—Part 1:Light-duty vehicles | National |
| 9 | Road vehicles-Safety chains for trailers up to 3.5 t | National |
| 10 | Road vehicles Visibility Method for establishment of eyellipses for driver's eye location | National |
| 11 | Coding regulation for automotive traction battery(Amd1) | National |
| 12 | Limits and measurement methods for bus interior noise(Amd1) | National |
| 13 | Performance requirements and test methods of anti-lock braking system for commercial vehicle and trailer(Amd1) | National |
| 14 | Vending vehicles | Industrial |
| 15 | Power-take-off for special purpose vehicles | Industrial |
| 16 | Specifications and bench test methods for automobile service brake fatigue strength | Industrial |
| 17 | Fault modes and classification for vehicles | Industrial |
| 18 | Rear shock absorber joints and bushing of motorcycles and mopeds | Industrial |
| 19 | Drum brake of motorcycles and mopeds wheels | Industrial |
| 20 | Sealing gaskets for engines of motorcycles and mopeds | Industrial |
| 21 | Magneto for motorcycles and mopeds | Industrial |
| 22 | Measurement method of acoustic noise for engines of motorcycles and mopeds | Industrial |
| 23 | Methods of running test on bench for motorcycles and mopeds | Industrial |

| Serial No. | Name of the standard | Type |
|---|---|---|
| 24 | Technical requirements for matching of towing vehicle and trailer | Industrial |
| 25 | Quality inspection and evaluation method of automobile engine products | Industrial |
| 26 | Automobile Radiator | Industrial |
| 27 | Metal fuel tanks for automobiles | Industrial |
| 28 | Honeycomb metal substrate for exhaust catalytic converter and electric heating units | Industrial |
| 29 | Motor vehicles' closure system performance requirements and test methods | Industrial |
| 30 | Positive crankcase ventilation valve for automotive engines | Industrial |
| 31 | Technical requirements and bench test methods for AMT clutch actuator of commercial vehicle | Industrial |
| 32 | Technical requirements and bench test method of torsion bar spring for automobile suspension | Industrial |
| 33 | Requirements of the greenhouse gas emissions accounting and reporting——ELV collecting and dismantling enterprises | Industrial |
| 34 | Greenhouse gases—Quantitative methods and requirements of product carbon footprint—Vehicular Engines | Industrial |
| 35 | Requirements of the greenhouse gas emissions accounting and reporting—— Automotive engine manufacturing enterprises | Industrial |
| 36 | Ultracapacitor for electric road vehicles | Industrial |
| 37 | Thermal management system for electric vehicle traction battery—Part 3: Air cooling system | Industrial |
| 38 | Thermal management system for electric vehicle traction battery—Part 4: Heater | Industrial |
| 39 | Thermal management system for electric vehicle traction battery—Part 5: Direct cooling and heating system | Industrial |

| Serial No. | Name of the standard | Type |
|---|---|---|
| 40 | Technical requirements and testing methods for vehicle security chip | Industrial |
| 41 | Technical requirements and testing methods of driving automation computing chip for vehicle | Industrial |
| 42 | Intelligent manufacturing of motor vehicle——Function requirements for collaborative development platform | Industrial |
| 43 | Intelligent manufacturing of motor vehicle—Mass customization—Part 1: General requirements | Industrial |

# IV Call for Contributions & Collaboration Opportunities

To enhance the value of the *Monthly Briefing of Chinese Auto Standardization* and to better reflect the latest progress across the industry, we warmly welcome contributions from all partners.

If your organization has:

- **Activities, events, or initiatives you wish to highlight;**
- **New publications, research reports, or best practices to share;**
- **Cooperation proposals or information exchange needs;**

Please feel free to contact us — we are glad to support promotion and visibility through future issues of the briefing.

# Contact Us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