

ASEAN-JAPAN Cooperation activities and Support for AAC/APWG activities



JAPAN AUTOMOBILE STANDARDS INTERNATIONALIZATION CENTER

Date : 5 November 2015

Place : Kuala Lumpur, Malaysia

Participating countries / institutions : ASEAN AMS、 ASEAN Secretary and Japan

List of activities in ASEAN-Japan transportation cooperation (excerpt)

【Traffic facilitation】

- Logistics project
- Next-generation aviation security system project
- **ASEAN-Japan New Cooperation Program on Comprehensive Traffic Safety and Environmental Measures such as Automobile Standards and Certification System**
- Urban public transport policy framework
- Road technical cooperation project
- Road technology joint research project in the international distribution network



Embodied business

Asian Public-Private Forum (Since 1998)

Number of times held 1 Per year

Japan	China	Thailand	Malaysia	Philippines	Vietnam	Indonesia	Online
3回	1回	5回	4回	4回	3回	4回	2回

- 1) Trend report on the formulation and revision of international regulations at UNECE / WP.29,
- 2) Report on efforts toward mutual recognition of automobile parts in the ASEAN region utilizing the rules of the 1958 Agreement,
- 3) Report on efforts for vehicle safety and environmental protection in each country

Asia Expert meeting

Number of times held 10 Per year

- Experts explain the outline of the standards and test methods for UN rules in response to requests from each country.
- After COVID-19 Pandemic, expert meetings are held by Online. Number of times tends to be increased.

The 1st Joint Forum
2011.01.19-20 Tokyo



The 12th Joint Forum
2021.12.07-08 Online

60th Asia Expert meeting
Malaysia MOPFI – JASIC 2019.12.19-20



Background

- Project Proposal for Technical Assistance for the Automotive Sector under the ASEAN-Japan Cooperation was presented to Japan during the ACCSQ-METI (JAPAN) meeting held in August 2010.
- During the ACCSQ-METI Meeting, Japan presented a counter proposal for ASEAN on the automotive sector proposing that the activities should be carried out also as a part of activities by the Transport Ministers of ASEAN Member States and Japan last year.
- It was agreed that Japan would consolidate the proposals.

APWG Support

Period : 2011~2018

APWG workshop held at APWG
Back-to-Back

Theme :

- Information on WP.29
- UNRs related to EV and Emission
- COP (Conformity of Production) requirement
- Obligation under 1958 Agreement etc.



4th APWG-WS
in Malaysia October, 2013



Support the establishment of APMRA

AAC Support based on ASEAN-Japan Cooperative Program

Background

- AAC (ASEAN Automotive Committee) has been established after the ASEAN member states had signed “ASEAN APMRA” on January 16, 2021.
- It was confirmed that the ASEAN-Japan Cooperative Program agreed in 2018 was continuing.
- AAC presented Japan the requests to reach consensus among AMS toward the implementation of ASEAN APMRA in January 2022.

APWG / AAC Support

4th Webinar on R17 and R25
15 December, 2021

Period : July 2021 ~ April 2022

1. Webinar series on UNRs specific based on ASEAN MRA
2. Simplification of Part 4 : Technical guidance document
3. ASEA Trial Run Simulation

Webinar Schedule

1 st	7 September, 2021	R41 and R51	9 th	1 April, 2022	R30, R54 and R75
2 nd	18 October, 2021	R13H	10 th	8 April, 2022	R40
3 rd	17 November, 2021	R28	11 th	20 April, 2022	R49
4 th	15 December, 2021	R17 and R25	12 th	27 April, 2022	R83
5 th	20 January, 2022	R39 and R46			
6 th	24 February, 2022	R79			
7 th	11 March, 2022	R14 and R16			
8 th	24 March, 2022	R43			

Simplified technical guidance

Documents are being prepared based on information provided by the ASEAN Secretariat

③ Radii of Curvature Provisions for Components

- Test setting conditions
 - When there are parts covered with material softer than 50 Shore A hardness in the respective areas, the R requirement shall apply only to the rigid parts.
 - The seatbacks, if adjustable, shall be set to the position as close to 25 degrees backward from the vertical line specified by the vehicle manufacturer or the torso line of the manikin.
 - When a seat and its locking mechanism are identical or symmetrical with respect to another seat on the vehicle, only one such seat may be tested.
 - In the case of seats with adjustable head restraints, the tests shall be conducted with the head restraints placed in the most unfavorable position (generally, the highest position).

Common requirements

National Traffic Safety and Environment Laboratory (R17) 25

3.1 Rights of the ASEAN Member State: Regulation related items

a) AMS shall not necessarily be required to demand conformity with all UN Regulations to motor vehicles, as set forth in Annex 1 of the APMRA.

Commentary: It is possible for AMS to select only some of the UN regulations set out in Annex 1 as the Regulations required in your country.

Example: Selected UNRs: R13H, R28, R79, R83. Non-Selected UNRs: R41, R51, R54, R75.

b) AMS applying UN regulations may refuse to grant and to accept the precedent series of UN Regulations prescribed in Annex 1 of the APMRA.

Commentary: Any series earlier than the series of UNRs in Annex 1 may be rejected by AMS.

Example: R51 Noise Emission. MS may refuse to grant and to accept Series 00 of UN-R51 because Series 02 is listed in Annex 1.

UN Regulation	Provision	Series	MS	No.	13.2.2.1.8 and 13.2.2.1.9
R41	Braking system	01	X		
R49	Braking system	01	X		
R51	Seat	00	X		
R51	Seat	01	X		
R51	Seat	02	X		
R51	Seat	03	X		
R51	Seat	04	X		
R51	Seat	05	X		
R51	Seat	06	X		
R51	Seat	07	X		
R51	Seat	08	X		
R51	Seat	09	X		
R51	Seat	10	X		
R51	Seat	11	X		
R51	Seat	12	X		
R51	Seat	13	X		
R51	Seat	14	X		
R51	Seat	15	X		
R51	Seat	16	X		
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R51	Seat	93	X		
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R51	Seat	96	X		
R51	Seat	97	X		
R51	Seat	98	X		
R51	Seat	99	X		
R51	Seat	100	X		

1. Screening Procedures by Means of Results of Conformity Assessments

Guideline Text: Screening Procedures by Means of Results of Conformity Assessments

4.2 Acceptance of the results of conformity assessments by the Regulatory Authorities (RA) Home Country of the ASEAN Member State (AMS) as follows:

- a) A manufacturer or its agent may, as part of the screening process for vehicle approval of the RA/MS for the import, registration, of the automotive product, submit to the Regulatory Authority (RA) the results of the conformity assessment carried out by a Listed Technical Service (TS), as set forth in Annex 2 of the APMRA.
- b) The Regulatory Authority (RA) shall confirm that the results of the conformity assessment are in compliance with Annex 1 of the APMRA and that the results conform to the set of amendments to Annex 1 of the APMRA, as set forth in the Equipment Protocol of the Guideline.
- c) The Regulatory Authority (RA) shall confirm that the results of the conformity assessment are the results issued by a Listed Technical Service, as set forth in Annex 2 of the APMRA.
- d) The Regulatory Authority (RA) shall confirm that the submitted results of the conformity assessment include specification variations for multiple multiple (the case) of the automotive products in question.
- e) The Regulatory Authority (RA), when confirming that the submitted results of the conformity assessment include specification variations of the automotive products in question, may request the manufacturer or its agent for supplementary explanation.

Figure 1. Application/Approval Process Flow

Background

- In order to implement APMRA properly and expand it in future, it is necessary to confirm that the procedures in the latest guidance document are in line with each AMS domestic law/regulations and show proper implementation of APMRA to the applicant (OEMs).
- And for the next phase of APMRA, it's necessary to identify the gap between AMS domestic law / regulations including COP and each UNR, additional 9 and 22 candidates UNRs.



JASIC is assisting with the following items

1. Gap analysis between APMRA procedures and domestic law / regulations of each AMS

Clarification of gaps through consulting for each AMS
with enhancing an understanding of MRA target UNR and 58 agreement operation

Step 1 (mutual use of test reports): MRA Stage 1: UNR 19 items

Step 2 (mutual use of certificates): UN/RE3 and COP of 19UNR

Step 3 (Expansion of MRA target standards): 22 items of UNR

2. Trial run and MRA examination assistance and presentation to applicants through ACC

Provide MLIT / NTSEL comments for AMS and ASEAN TS questions.
Suggest any improvements in the Guidance document.

Thank you for your attention!