

**Date of hosting on website: 9<sup>th</sup> April 2019**

**Last Date for comments: 8<sup>th</sup> May 2019**

**CHECK LIST FOR PREPARING REVISION TO  
AUTOMOTIVE INDUSTRY STANDARD (AIS)**

**AIS-024 (Rev.1- Part A, B, C) : (2019): SAFETY AND PROCEDURAL  
REQUIREMENTS  
FOR TYPE APPROVAL OF GASEOUS FUEL VEHICLES AND CODE OF  
PRACTICE FOR USE OF GASEOUS FUEL IN IC ENGINE VEHICLES-  
AUTOMOTIVE, TRACTOR AND OFF-HIGHWAY APPLICATIONS**

<b>SR. NO.</b>	<b>PARTICULARS</b>	<b>REMARKS</b>
1	Indicate details of the base reference standard. (e.g. ECE/ EEC directive/GTR, etc...)	ECE R 110
1.1	Latest version of the base standard (Sr. No.1) considered for the alignment of this standard.	ECE R 110 Revision 3 dated 10.6.2014
2	Add an explanatory note indicating differences between the above standard and this standard, if any.	Please refer Annex A to this check list.
3	Are the details of technical specifications to be submitted at the time of type approval relevant to the requirements of this standard covered?	Yes.
4	Are the performance requirements covered?	NA
5	Is there a need to specify dimensional requirements? If yes, are they covered?	Yes, they are covered
6	Are the details of Criteria for Extension of Type Approval covered?	Yes.
7	Is AIS-037 applicable for the devices covered in this standard, If yes:	Yes
7.1	Is there a need to specify COP requirements? If yes, are following covered?	Yes
7.2	Tests/checks needed for COP	Same as TA
7.3	Periodicity of COP	2 years
7.4	Have the transitional provisions for extension of AIS-037 approval been covered?	Yes
7.5	Has the “type” been defined?	Yes
8.	Is this standard covers the requirements of E/e approved components?	NA
9.	Are the provisions for further amendments in ECE regulations addressed?	Yes

10.	Is the standard is intended for replacing or revising an already notified standard, if yes:	Yes
10.1	Are the Transitional provisions for re-certification of already certified parts/vehicles by comparing the previous test result, certain additional test, etc. covered?	Yes
10.2	Can this standard be permitted in lieu of the existing notified standard from the date of adoption of the this standard by CMVR TSC?	Yes
10.2.1	If so has this been included in the transitional provisions	Yes
10.3	Have all the transitional provisions been covered?	Yes
11.	Status of availability of test facilities with approved test agencies?	ARAI / iCAT/ CIRT / VRDE/ CFMTTI
12.	Are there any points on which special comments or information is to be invited from members?  If yes, are they identified?	Not Applicable
13.	Do components / vehicles manufacturers / Test agencies require lead time to meet requirements of revision?,	No lead time in notification
13.1	Recommendation of date for implementation of revision.	Wrt date of notification in Nov 2018
14.	Is proposed draft notification prepared?	Yes
15	Has the clarity of classification been examined?	Yes
16	Has the clarity of definitions been examined?	Yes

**Annex A to Check List**

**AIS-024 (Rev.1) Part A, B, C (2019)**

**The changes from the ECE Regulation and the reason thereof**

<b>Clause no. of this standard</b>	<b>Clause no. of ECE R 110</b>	<b>Change carried out in this standard</b>	<b>Reason</b>
		Standard split in three parts A, B, C	To cover automotive, tractor and off-highway applications
		Incorporation of Dual fuel, LNG and Bio-CNG in addition to existing CNG provisions	As Dual Fuel, LNG and Bio-CNG have been notified as automotive fuels vide GSR 1151, 643 and 498.
		Conformity of Production	To suit the Indian context
		Transitional Provisions	To suit the Indian context