

CHECK LIST FOR PREPARING AMENDMENT TO AUTOMOTIVE INDUSTRY STANDARD (AIS)
Draft Amd. No. 1 to AIS-012 (Part 2)(Rev.1):2011 - Performance Requirements for
Rear Fog Lamps for Motor Vehicles

Sr. No.	PARTICULARS	REMARKS
1.0	Is the amendment related to : i) Changes in technical requirements; ii) Corrigendum iii) Any other (Pl. specify)	This Amendment covers the following modifications in the Standard : 1. Addition of the requirements of “Replaceable LED light sources.” 2. Addition of the requirements of Clause 17 “Amendments to UN Regulations after the level described in 0.3 of introduction.” 3. Editorial modifications: Filament lamp → light source
2.0	Indicate details of base reference standard (Amendments).	UN R 38 Supplement 17 to the original version of the Regulation: Date of entry into force: 8 Oct 2015
3.0	Add an explanatory note indicating deviations from the above base referred standard (Amendments) in Sr. 2.	---
4.0	If amendment is for provisions in technical requirements :	---
4.1	a) Does amendment call for re-type approval of component / vehicle, which is already type approved? b) Is amendment applicable to fresh type approval of component / vehicle c) Do components / vehicles manufacturers / Test agencies require lead time to meet requirements of amendment?	a) No b) Yes c) No
4.2	If amendment is related to corrigendum : a) Whether changes are required in previous approvals	---
5.0	What are the test equipments for establishing compliance to amendment?	---
6.0	If possible, identify such facilities available in India.	Test agencies notified under CMV Rule 126
7.0	Are there any points on which special comments or information is to be invited from AISC/ CMVRTSC If yes, are they identified?	---
8.0	Recommendation of date for implementation of amendment.	With date of approval in AISC

Explanatory note based on ECE/EEC Directive practices:

1. Amend.X = an amendment issued to the text of the AIS.
2. Rev.X = a Revision of the text comprising all previous text(s) of the AIS.
3. Corr.X = a Corrigendum consists of editorial corrections of errors in the issued texts.

Draft Amendment 1.... 2018

to

AIS-012 (Part 2)(Rev.1):2011

Performance Requirements for Rear Fog Lamp for Motor Vehicles

1. Page III/V, Introduction, Point No. 0.3

Substitute the following text for the existing text:

“UN R 38 Supplement 17 to the original version of the Regulation: Date of entry into force: 8 Oct 2015”

2. Page 1/22, Clause 1.3

Substitute the following words:

“filament lamp” with “light source”

3. Page 1/22, Clause 1.4

Substitute the following text for the existing text:

“1.4. References made in this standard for filament lamps and/or LED light source(s) shall be referred to AIS-034 (Part 1) (Rev. 1) and/or AIS 130 and their amendments at the time of application for type approval.”

4. Page 2/22, Clause 2.2.2

Insert the following Sub Clause (b) after the Sub Clause (a):

“(b) The category or categories of LED light source(s) prescribed; this LED light source category shall be one of those contained in AIS 130 and its series of amendments in force at the time of application for type approval; and/or”

5. Page 2/22, Clause 2.2.2

Rename the following Sub Clauses:

“(b) and (c) as (c) and (d) respectively”

6. Page 2/22, Clause 3.2

Substitute the following words:

“filament lamp” with “light source”

7. Page 3/22, Clause 5.3.2

Insert the following new Clause 5.3.3 after the Clause 5.3.2:

“5.3.3. A light source module shall be so designed that regardless of the use of tool(s), it shall not be mechanically interchangeable with any replaceable approved light source.”

8. Page 4/22, Clause 5.5

Substitute the following words:

“filament lamp(s)” with “light sources”

9. Page 4/22, Clause 5.5.1

Substitute the following text for the existing text:

“5.5.1. Any category or categories of light sources approved according to AIS-034 (Part 1) (Rev. 1) and/or AIS 130 may be used, provided that no restriction on the use is made in AIS-034 (Part 1) (Rev. 1) and its amendments in force at the time of application for type approval or in AIS 130 and its series of amendments in force at the time of application for type approval.”

10. Page 4/22, Clause 5.5.2 and 5.5.3

Substitute the following words:

“filament lamp” with “light source”

11. Page 5/22, Clause 7.1.1

Substitute the following text for the existing text:

“7.1.1. In the case of a lamp with replaceable light source, if not supplied by an electronic light source control gear or a variable intensity control, with an uncolored or colored standard filament lamp of the category prescribed for the device, supplied with the voltage:

(a) In the case of filament lamp(s), that is necessary to produce the reference luminous flux required for that category of filament lamp,”

12. Page 5/22, Clause 7.1.1

Insert the following Sub Clause (b) after the Sub Clause (a):

“(b) In the case of LED light sources of 6.75 V, 13.5 V or 28.0 V; the luminous flux value produced shall be corrected. The correction factor is the ratio between the objective luminous flux and the mean value of the luminous flux found at the voltage applied.”

13. Page 8/22, Clause 16

Insert the following new Clause 17 after the Sub Clause 16.1.2:

“17. AMENDMENTS TO UN REGULATIONS AFTER THE LEVEL DESCRIBED IN 0.3 OF INTRODUCTION

17.1. Supplements

Note : In case of changes in UN regulation, which are issued as supplements (Supplements do not affect the earlier type approvals) at the request of applicant, approval of compliance to this standard shall be issued taking into account the changes arising out of such supplement(s) to UN regulation with approval from Chairman AISC.

This shall be incorporated in the test report.

Such changes will be considered for inclusion in this standard at the time of its next amendment /revision.

17.2. Series of amendments

Changes in UN regulation, which are issued as series of amendments (series of amendments may affect the earlier type approvals) will not be considered for issuing approval to this standard.

However, Chairman, AISC may, on a case to case basis, permit to accept latest series of amendments.

This shall be incorporated in the test report.

Note : Such changes will be considered for inclusion in this standard at the time of its next revision.”

14. Page 12/22, Annex C, Clause C.5.2

Substitute the following text for existing text:

“C.5.2. For replaceable light source(s):

When equipped with light source(s) at 6.75 V, 13.5 V or 28.0 V, the luminous intensity values produced shall be corrected. For filament lamps the correction factor is the ratio between the reference luminous flux and the mean value of the luminous flux found at the voltage applied (6.75 V, 13.5 V or 28.0 V). When equipped with LED light source(s) at 6.75 V, 13.5 V or 28.0 V; the luminous flux value produced shall be corrected. The correction factor is the ratio between the objective luminous flux and the value of the luminous flux found at the voltage applied. The actual luminous fluxes of each light source used shall not deviate more than 5 per cent from the mean value. Alternatively and in case of filament lamps only, a standard filament lamp may be used in turn, in each of the individual positions, operated at its reference flux, the individual measurements in each position being added together.”

15. Page 13/22, Annex D, Clause D.1.2

Substitute the following text for existing text:

“D.1.2. With respect to photometric performances, the conformity of mass-produced lamps shall not be contested if, when testing photometric performances of any lamp chosen at random according to paragraph 7. of this standard, respectively:”

16. Page 13/22, Annex D, Clause D.1.2.2

Substitute the following words:

“filament lamp” with “light source”

17. Page 13/22, Annex D, Clause D.1.3

Substitute the following text for existing text:

“D.1.3. The chromaticity coordinates shall be complied when tested under conditions of paragraph 7. of this standard.”

18. Page 15/22, Annex E, Clause E.1.2

Substitute the following text for existing text:

“E.1.2. With respect to photometric performance, the conformity of mass-produced lamps shall not be contested if, when testing photometric performances of any lamp chosen at random according to paragraph 7. of this standard, respectively:”

19. Page 15/22, Annex E, Clause E.1.2.2

Substitute the following words:

“filament lamp” with “light source”

20. Page 15/22, Annex E, Clause E.1.3

Substitute the following text for existing text:

“E.1.3. The chromaticity coordinates shall be complied when tested under conditions of paragraph 7. of this standard.”

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