**SLR-46-13/Rev.1**

**Amendment for R148, marking**

3.3. Approval marking or Unique Identifier

3.3.1. General provisions

3.3.1.1. Every device belonging to an approved type shall comprise a space of sufficient size for the Unique Identifier (UI) as referred to in the 1958 Agreement and other markings as defined in paragraph 3.3.4.2. to 3.3.4.6. or the approval marking with the additional symbols and other markings as defined in paragraphs 3.3.4.2. to 3.3.4.6.

3.3.2. Approval marking.

 With regard to the size of the approval marking the value for “a” in part 1 of Annex 7 shall be at least 5 mm.

Examples of the arrangement of the markings are shown in Annex 7.

3.3.2.1. The approval marking shall consist of:

3.3.2.1.1. The approval mark, i.e. a circle surrounding the letter "E" followed by the distinguishing number of the country which has granted approval.

3.3.2.1.2. The four to six-digit sequential number being part of the approval number prescribed in paragraph 3.2.3.2. issequential approval mark

3.3.2.1.3. The symbols identifying the light signalling lamps prescribed in paragraph 3.2.4.

3.3.2.1.4. The number of this Regulation followed by the letter 'R' and the two digits indicating the series of amendments in force at the time of issue of the approval.

3.3.2.1.5. The following additional symbol(s):

3.3.2.1.5.1. On lamps which cannot be mounted on either side of the vehicle indiscriminately, a horizontal arrow showing in which position the lamp is to be mounted.

3.3.2.1.5.1.1. The arrow shall be directed outwards from the vehicle in the case of:

(a) Direction indicators categories 1, 1a, 1b, 2a, 2b, 11, 11a, 11b, 11c and 12;

(b) Front or rear position lamps, front or rear end-outline marker lamps;

(c) Reversing lamps in case of reduced light distribution of two reversing lamps.

3.3.2.1.5.1.2. The arrow shall be directed towards the front of the vehicle in the case of direction indicators of categories 5 and 6 and combined parking lamps

3.3.2.1.5.1.3. For direction indicators of category 6 an indication "R" or "L" shall be shown on the lamp, indicating the right or left side of the vehicle.

3.3.2.1.5.2. If applicable, to the right side of the symbol mentioned in paragraph 3.2.4.:

(a) The additional letter "D", on lamps which may be used as part of an assembly of two independent lamps;

(b) The additional letter "Y", on lamps which are used as part of an interdependent lamps system.

3.3.2.1.5.3. On lamps with reduced light distribution, see paragraph 1.3. of Annex 3, a vertical arrow starting from a horizontal segment and directed downwards.

3.3.3. Unique Identifier

3.3.3.1. The approval marking may be replaced by the Unique Identifier (UI), if available. The Unique Identifier mark shall follow the format in the example shown below:

Figure I

**Unique identifier**



The above Unique Identifier marked on the lamp shows that the type concerned has been approved and that the relevant information on that type approval can be accessed on the UN secure internet database by using 270650 as the Unique Identifier.

3.3.4. Marking requirements

3.3.4.1. In any case the approval marking or the Unique Identifieras well as the category or categories of LED substitute light source(s) prescribed, if any, shall be visible when the lamp is fitted on the vehicle or when a movable part such as the hood or boot lid or a door is opened.

3.3.4.2. The approval marking or the Unique Identifier shall be placed on an inner or outer part (transparent or not) of the lamp which cannot be separated from the transparent part of the lamp emitting the light.

3.3.4.3. Lamps shall bear the trade name or mark of the applicant;

3.3.4.4. Lamps shall, with the exception of lamps with non-replaceable light sources, bear a marking indicating:

(a) The category or categories of light source(s) prescribed;

(b) in the case where the lamp has been approved for LED substitute light source(s), also the category or categories of the LED substitute light source(s);

3.3.4.5. Lamps shall bear marking of the rated voltage or the range of voltage in the case of lamps with:

(a) An electronic light source control gear; and/or

(b) A variable luminous intensity control; and/or

(c) A secondary operating mode; and/or

(d) Non-replaceable light sources.

3.3.4.6. In case replaceable light source module(s) is/are used, bear the following markings**.**

(a) On the light source module(s):

(i) The trade name or mark of the applicant;

(ii) The specific identification code of the module; This specific identification code shall comprise the starting letters “MD” for “MODULE” followed by the approval mark without the circle as prescribed in paragraph 3.3.2. or by the UI without the truncated circle as prescribed in paragraph 3.3.3. In case several non-identical light source modules are used, followed by additional symbols or characters; The approval mark or the UI does not have to be the same as the one on the lamp in which the module is used, but both marks shall be from the same applicant;

(iii) The rated voltage or the range of voltage.

(b) On the lamp:

(i) The specific identification code of the module; This specific identification code shall comprise the starting letters “MD” for “MODULE” followed by the approval mark without the circle as prescribed in paragraph 3.3.2. or by the UI without the truncated circle as prescribed in paragraph 3.3.3. In case several non-identical light source modules are used, followed by additional symbols or characters; the approval mark or the UI does not have to be the same as the one on the module used in the lamp, but both marks shall be from the same applicant;

(ii) The rated voltage or the range of voltage.

3.3.4.7. In case an electronic light source control gear or variable luminous intensity control being part of the lamp, but not included into the lamp body, the lamp shall bear its identification number and the name of the manufacturer.

3.3.5. Marking location

3.3.5.1. The approval marking or the Unique Identifier and the markings in paragraphs 3.3.4.3., 3.3.4.4., 3.3.4.5. and 3.3.4.6. (b) shall be affixed in an indelible and clearly legible manner on the lamp.

3.3.5.2. The markings in paragraphs 3.3.4.6. (a) and 3.3.4.7. shall be affixed in an indelible and clearly legible manner on the component.

3.3.5.3. The markings in paragraphs 3.3.4.3., 3.3.4.4. (a), 3.3.4.5., 3.3.4.6. and 3.3.4.7. ~~but~~ do not need to fulfil the requirements of paragraph 3.3.4.1.

3.3.5.4. In case an outer lens is used for several devices and bearing different approval markings, the main body of each device shall bear only the approval marking of the function(s) of that device.

3.3.6. Grouped, combined or reciprocally incorporated lamps

3.3.6.1. Where grouped, combined or reciprocally incorporated lamps have been found to comply with the requirements of several UN Regulations, a single approval mark with the four to six-digit sequential number or UI may be affixed. This marking may be located anywhere on the grouped, combined or reciprocally incorporated lamps, provided that:

3.3.6.1.1. It is visible after their installation;

3.3.6.1.2. No part of the grouped, combined or reciprocally incorporated lamps that transmits light can be removed without at the same time removing the approval mark with the four to six-digit sequential number or the UI.

3.3.6.2. The size of the components of a single approval mark shall not be less than the minimum size required for the smallest of the individual marks by the pertinent UN Regulations under which approval has been granted.

3.3.6.3. Annex 7 gives examples of approval marking arrangements for grouped, combined or reciprocally incorporated lamps with all the additional symbols mentioned above.