

Public Notice under the Vehicle Safety Testing Directions by the Ministry of Transportation and Communications:

Background:

To generate the sounds while electrified vehicles driving, in order to warning the pedestrians the electrified vehicles was nearby.

背景：

藉由電動車輛行駛時應產生警示音量，用以提醒其他行人電動車輛之相對位置及行駛狀態。

Proposed date of implementation:

2019/1/1 for new electrified vehicle variants of category symbols M and N.

2021/1/1 for all electrified vehicle variants of category symbols M and N.

實施日期：

緊急煞車輔助系統：新型式之 M 及 N 類電動車輛 108 年 1 月 1 日，各型式之 M 及 N 類電動車輛 110 年 1 月 1 日。

Revision of the requirements:

- Vehicle Safety Testing Directions, item 80 Quiet Road Transport Vehicles.
- Scope: This Regulation applies to electrified vehicles of categories M and N.

Reference: UNECE R138.

法規修訂：

- 新增車輛安全檢測基準第八十項：低速警示音系統。
- 適用對象：M 及 N 類電動車輛。
- 法規內容參照：本項基準係參照 UNECE 138。

Public Notice under the Vehicle Safety Testing Directions by the Ministry of Transportation and Communications:

Background:

To enhance the whole vehicle safety-related performance of hydrogen-fuelled vehicles while driving.

背景：

提升氫氣車輛於行駛時之整車安全性能。

Proposed date of implementation:

The first quarter of 2017.

實施日期：

預計 2017 的第一季發布（發布即生效）。

Revision of the requirements:

- Vehicle Safety Testing Directions, items 81 Hydrogen fuelled vehicles of category M and N incorporating compressed hydrogen storage system, 82 Compressed hydrogen storage systems for hydrogen-fuelled vehicles, 83 Specific components for compressed hydrogen storage systems for hydrogen fuelled vehicles.
- Scope: Hydrogen fuelled vehicles of category M and N.
- Reference: Refer to UNECE 134.

法規修訂：

- 新增車輛安全檢測基準第八十一項：氫燃料車輛綜合安全防護、八十二項：氫儲存系統、八十三項：氫儲存系統內組件。
- 適用對象：M 及 N 類之氫燃料車輛。
- 法規內容參照：本項基準係參照 UNECE 134。

Public Notice under the Vehicle Safety Testing Directions by the Ministry of Transportation and Communications:

Background:

To improve quality of LED and enhance the safety of vehicle on the road.

背景：

提升車輛行車安全及促進 LED 燈泡品質之提升。

Proposed date of implementation:

LED:

2017/1/1 for new types of LED.

2019/1/1 for all types of LED.

實施日期：

LED (發光二極體) 光源：新型式 LED 光源 106 年 1 月 1 日，各型式 LED 光源 108 年 1 月 1 日。

Revision of the requirements:

- Vehicle Safety Testing Directions, item 74 LED.
- Scope: LED used in categories M, N, O and L.
- Note: Refer to UNECE 128.

法規修訂：

- 新增車輛安全檢測基準第七十四：LED (發光二極體) 光源。
- 適用對象：本基準適用於 L、M 及 N 類車輛所配備之 LED (發光二極體) 光源。
- 備註：本項基準係參照 UNECE 128。

Public Notice under the Vehicle Safety Testing Directions by the Ministry of Transportation and Communications:

Background:

To increase the visibility and permit easy identification of heavy and long vehicles by rear marking plates.

背景：藉由反光識別材料-重型貨車與長型拖車用後方標識牌提昇重型貨車與長型拖車之可見度及辨識度。

Proposed date of implementation:

Rear marking plates for heavy and long vehicles:

(1) 2017/1/1 for new vehicle variants of category symbols N2 and N3, except tractors for semi-trailers, vehicles of category O1, O2 and O3 exceeding 8.0 m in length and O4.

(2) 2018/1/1 for all vehicle variants of category symbols N2 and N3, except tractors for semi-trailers, vehicles of category O1, O2 and O3 exceeding 8.0 m in length and O4.

實施日期：

反光識別材料-重型貨車與長型拖車用後方標識牌：

(1) 106年1月1日新型式總重量逾七·五噸之N2類車輛與N3類車輛；曳引車除外、全長逾八公尺之O1、O2與O3類車輛及O4類車輛。

(2) 107年1月1日各型式總重量逾七·五噸之N2類車輛與N3類車輛；曳引車除外、全長逾八公尺之O1、O2與O3類車輛及O4類車輛。

Revision of the requirements:

- Vehicle Safety Testing Directions, item 79 Rear marking plates for heavy and long vehicles.
- Scope: Rear marking plates for heavy and long vehicles used in N2 and N3, except tractors for semi-trailers, O1, O2 and O3 exceeding 8.0 m in length and O4.
- Note: Refer to UNECE 70.

法規修訂：

▪ 新增車輛安全檢測基準第七十九：反光識別材料-重型貨車與長型拖車用後方標識牌。

▪ 適用對象：本基準適用於總重量逾七·五噸之N2類車輛與N3類車輛；曳引車除外、全長逾八公尺之O1、O2與O3類車輛及O4類車輛所配備之反光識別材料-重型貨車與長型拖車用後方標識牌。

▪ 備註：本項基準係參照 UNECE 70。

Public Notice under the Vehicle Safety Testing Directions by the Ministry of Transportation and Communications:

Background:

By unify the illumination and color of control, indicator and tell-tale, to facilitate driver recognizing the symbols.

背景：

藉由訂定汽車控制器標誌之控制器、識別標示或指示器之照明及顏色一致性規範，以利駕駛易於識別相關汽車控制器標誌。

Proposed date of implementation:

The location and identification of hand controls, tell-tales and indicators:

2018/1/1 for new vehicle variants of category symbols M1 and N1.

2020/1/1 for all vehicle variants of category symbols M1 and N1.

2019/1/1 for new vehicle variants of category symbols M2, M3 and N2, N3.

2021/1/1 for all vehicle variants of category symbols M2, M3 and N2, N3.

實施日期：

汽車控制器標誌：

新型式之 M1 及 N1 類車輛 107 年 1 月 1 日；

各型式之 M1 及 N1 類車輛 109 年 1 月 1 日；

新型式之 M2, M3 及 N2, N3 類車輛 108 年 1 月 1 日；

各型式之 M2 M3 及 N2, N3 類車輛 110 年 1 月 1 日。

Revision of the requirements:

- Vehicle Safety Testing Directions, item 75 The location and identification of hand controls, tell-tales and indicators.
- Scope: The location and identification of hand controls, tell-tales and indicators used in categories M and N.
- Note: Refer to UN ECE 121.

法規修訂：

- 新增車輛安全檢測基準第七十五：汽車控制器標誌。
- 適用對象：本基準適用於 M 及 N 類車輛之儀表裝置所應顯示之汽車控制器標誌。
- 備註：本項基準係參照 UN ECE 121。

Public Notice under the Vehicle Safety Testing Directions by the Ministry of Transportation and Communications:

Background:

To enhance driving safety by limiting driving speed to reduce the amount of car accidents.

背景：

為降低因超速行駛所造成之事故發生，以及提升行車安全。

Proposed date of implementation:

Speed limitation devices:

2018/1/1 for new vehicle variants of category symbols M1 and N1.
(Optional)

2020/1/1 for all vehicle variants of category symbols M1 and N1.
(Optional)

2019/1/1 for new vehicle variants of category symbols M2, M3, N2 and N3.
2021/1/1 for all vehicle variants of category symbols M2, M3, N2 and N3.

實施日期：

車速限制機能：

新型式之 M1 及 N1 類車輛 107 年 1 月 1 日(選配)；

各型式之 M1 及 N1 類車輛 109 年 1 月 1 日(選配)；

新型式之 M2, M3, N2 及 N3 類車輛 108 年 1 月 1 日；

各型式之 M2, M3, N2 及 N3 類車輛 110 年 1 月 1 日。

Revision of the requirements:

- Vehicle Safety Testing Directions, item 76 Speed limitation devices.
- Scope: Speed limitation devices used in categories M and N.
- Note: Refer to UN ECE 89.

法規修訂：

- 新增車輛安全檢測基準第七十六：車速限制機能。
- 適用對象：本基準適用於 M 及 N 類車輛所具備之車速限制機能。
- 備註：本項基準係參照 UN ECE 89。

Public Notice under the Vehicle Safety Testing Directions by the Ministry of Transportation and Communications:

Background:

To avoid accidents by a system to warn the driver of an unintentional drift of the vehicle out of its travel lane.

背景：

當車輛非依駕駛意圖而偏離原行駛車道時，藉由警示系統警示使其避免車禍發生。

Proposed date of implementation:

Land departure warning system(LDWS):

2019/1/1 for new vehicle variants of category symbols M2, M3, N2 and N3.

2021/1/1 for all vehicle variants of category symbols M2, M3, N2 and N3.

實施日期：

車道偏離輔助警示系統：新型式之 M2、M3、N2 及 N3 類車輛 108 年 1 月 1 日，各型式之 M2、M3、N2 及 N3 類車輛 110 年 1 月 1 日。

Revision of the requirements:

- Vehicle Safety Testing Directions, item 70 Land departure warning system.
- Scope: Land departure warning system used in categories M2, M3, N2 and N3.
- Reference: UNECE R130
- Note:

This regulation shall comply with following items,

- (1) Vehicle conditions verification,
- (2) Optical warning signal verification test,
- (3) Lane departure warning test,
- (4) Failure detection test,
- (5) Deactivation test.

法規修訂：

- 新增車輛安全檢測基準第七十項：車道偏離輔助警示系統。
- 適用對象：本法規適用於 M2、M3、N2 及 N3 類車輛所配備之車道偏離輔助警示系統。
- 法規內容參照：UNECE R130。
- 備註：

本項車輛安全檢測基準所訂定之項目如下：

- (1) 車輛試驗狀態確認；

- (2) 光學式警告訊號功能試驗；
- (3) 車道偏離警示試驗；
- (4) 失效偵測試驗；
- (5) 解除狀態試驗。

Public Notice under the Vehicle Safety Testing Directions by the Ministry of Transportation and Communications:

Background:

To prevent intrusion and invasion to other road users by means of well-designed components in the external front end of small passenger vehicles.

背景：

為使小客車前方車外零組件妥適設計，以避免對於其他道路使用者及空間產生干擾與侵害。

Proposed date of implementation:

External projections:

2018/1/1 for new vehicle variants of category symbols M1.

2020/1/1 for all vehicle variants of category symbols M1.

實施日期：

客車前方車外突出限制：新型式之 M1 類車輛 107 年 1 月 1 日，各型式之 M1 類車輛 109 年 1 月 1 日。

Revision of the requirements:

- Vehicle Safety Testing Directions, item 77 External projections.
- Scope: External projections of category M1 vehicles.
- Note: Refer to UN ECE 26.

法規修訂：

- 新增車輛安全檢測基準第七十七：客車前方車外突出限制。
- 適用對象：本基準適用於 M1 類車輛之前方車外突出。
- 備註：本項基準係參照 UN ECE 26。

Public Notice under the Vehicle Safety Testing Directions by the Ministry of Transportation and Communications:

Background:

To enhance the vehicle safety by correcting impending over-steering or under-steering and improving traction on slippery roads.

背景：

藉由補正即將發生之車輛過度轉向及轉向不足，以及提升車輛於濕滑路面之操控性以提升行車安全。

Proposed date of implementation:

Electronic stability control systems (ESC):

2018/1/1 for new vehicle variants of category symbols M1 and N1.

2020/1/1 for all vehicle variants of category symbols M1 and N1.

Vehicle stability function (VSF):

2019/1/1 for new vehicle variants of category symbols M2, M3, N2 and N3.

2021/1/1 for all vehicle variants of category symbols M2, M3, N2 and N3.

2020/1/1 for new vehicle variants of category symbols O3 and O4.

2022/1/1 for all vehicle variants of category symbols O3 and O4.

實施日期：

車輛穩定性電子式控制系統(ESC)：

新型式之 M1 及 N1 類車輛 107 年 1 月 1 日，各型式之 M1 及 N1 類車輛 109 年 1 月 1 日。

車輛穩定性電子式控制功能(VSF)：

新型式之 M2, M3, N2 及 N3 類車輛 108 年 1 月 1 日，各型式之 M2, M3, N2 及 N3 類車輛 110 年 1 月 1 日。

新型式之 O3 及 O4 類車輛 109 年 1 月 1 日，各型式之 O3 及 O4 類車輛 111 年 1 月 1 日。

Revision of the requirements:

- Vehicle Safety Testing Directions, item 423 Dynamic braking.
- Scope: Electronic stability control systems (ESC) and vehicle stability function (VSF) used in categories M, N, and O.
- Note: Refer to UNECE R13 H and 13.

法規修訂：

- 新增車輛安全檢測基準第四十二之三：動態煞車。
- 適用對象：本基準適用於M、N及O類車輛所配備之車輛穩定性電子式控制系統(ESC)及車輛穩定性電子式控制功能(VSF)。
- 備註：本項基準係參照 UNECE R13H and R13。

Public Notice under the Vehicle Safety Testing Directions by the Ministry of Transportation and Communications:

Background:

To prevent daytime head-on collisions by increasing vehicle conspicuous and making it easier to detect approaching vehicles from farther away.

背景：

藉由晝行燈之裝設使其更容易看見從遠方行駛而來之車輛，進而降低及避免於日間發生之碰撞意外。

Proposed date of implementation:

Daytime running lamp:

For component purpose:

2017/1/1 for new types of daytime running lamp.

2019/1/1 for all types of daytime running lamp.

For installation:

2017/1/1 for new vehicle variants of category symbol L.

2019/1/1 for all vehicle variants of category symbol L.

2018/1/1 for new vehicle variants of category symbols M1 and N1.

2020/1/1 for all vehicle variants of category symbols M1 and N1.

2019/1/1 for new vehicle variants of category symbols M2, M3, N2 and N3.

2021/1/1 for all vehicle variants of category symbols M2, M3, N2 and N3.

實施日期：

晝行燈：

單品：

新型式之L類車輛 106年1月1日，各型式之L類車輛 108年1月1日。

整車安裝：

新型式之L類車輛 106年1月1日，各型式之L類車輛 108年1月1日

新型式之M1及N1類車輛 107年1月1日，各型式之M1及N1類車輛 109年1月1日

新型式之M2, M3, N2及N3類車輛 108年1月1日，各型式之M2, M3, N2及N3類車輛 110年1月1日

Revision of the requirements:

- Vehicle Safety Testing Directions, Item 73 Daytime running lamp(for component purpose) ; and Item 034 The installation of lighting and light-signaling devices (for installation, added clauses 6.3 and 6.12) .

- Scope: Daytime running lamp used in categories L, M and N.
- Note: Refer to UNECE 87 and R48, R53.

法規修訂：

- 新增車輛安全檢測基準

第七十三：晝行燈（單品）

第三之四：車輛燈光與標誌檢驗規定（整車安裝，新增條文 6.4 及 6.12）。

- 適用對象：本基準適用於 L、M 及 N 類車輛所配備之晝行燈。
- 備註：本項基準係參照 UNECE 87 and R48, R53。

Public Notice under the Vehicle Safety Testing Directions by the Ministry of Transportation and Communications:

Background:

To prevent intrusion and invasion to other road users by means of well-designed components in the external front end of trucks.

背景：

為使貨車前方車外零組件妥適設計，以避免對於其他道路使用者及空間產生干擾與侵害。

Proposed date of implementation:

External projections:

2019/1/1 for new vehicle variants of category symbols N1~N3.

2021/1/1 for all vehicle variants of category symbols N1~N3.

實施日期：

貨車前方車外突出限制：新型式之 N1~N3 類車輛 108 年 1 月 1 日，各型式之 N1~N3 類車輛 110 年 1 月 1 日。

Revision of the requirements:

- Vehicle Safety Testing Directions, item 78 External projections.
- Scope: Forward External projections of goods vehicles of categories N1~N3.
- Note: Refer to UN ECE 61.

法規修訂：

- 新增車輛安全檢測基準第七十八：貨車前方車外突出限制。
- 適用對象：本基準適用於 N1~N3 類車輛之前方車外突出。
- 備註：本項基準係參照 UN ECE 61。

Public Notice under the Vehicle Safety Testing Directions by the Ministry of Transportation and Communications:

Background:

To avoid or mitigate damage of vehicle collision.

背景：

為防止或減緩車輛因碰撞所造成之損害。

Proposed date of implementation:

Advanced emergency braking system (AEBS)

2019/1/1 for new vehicle variants of category symbols N3 and large passenger vehicles with wheelbase more than 4m.

2021/1/1 for new vehicle variants of category symbols N2 and large passenger vehicles with wheelbase less than 4m but gross vehicle weight more than 4.5MT.

2021/1/1 for all variants vehicle category symbols N3 and large passenger vehicles with wheelbase more than 4m.

2023/1/1 for all vehicle variants of category symbols N2 and large passenger vehicles with wheelbase less than 4m but gross vehicle weight more than 4.5MT.

實施日期：

緊急煞車輔助系統：新型式之甲類大客車及 N3 類車輛 108 年 1 月 1 日，各型式之甲類大客車及 N3 類車輛 110 年 1 月 1 日。

新型式之乙類大客車及 N2 類車輛 110 年 1 月 1 日，各型式之乙類大客車及 N2 類車輛 112 年 1 月 1 日。

Revision of the requirements:

- Vehicle Safety Testing Directions, item 72 Advanced emergency braking system.
- Scope: Advanced emergency braking system used in categories N2, N3, large passenger vehicles with wheelbase more than 4m and large passenger vehicles with wheelbase less than 4m but gross vehicle weight more than 4.5MT.
- Reference: UNECE R131
- Note:

This regulation shall comply with following items,

- (1) Warning and activation test with a stationary target
- (2) Warning and activation test with a moving target

- (3) Failure detection test
- (4) Deactivation test
- (5) False reaction test

法規修訂：

- 新增車輛安全檢測基準第七十二項：緊急煞車輔助系統。
- 適用對象：本法規適用於 N2、N3 類車輛、甲類及乙類大客車所配備之緊急煞車輔助系統。
- 法規內容參照：UNECE R131。
- 備註：

本項車輛安全檢測基準所訂定之項目如下：

- (1) 靜止目標之警示與作動試驗；
- (2) 移動目標警示與作動試驗；
- (3) 失效偵測試驗；
- (4) 關閉試驗；
- (5) 錯誤反應試驗。

Public Notice under the Vehicle Safety Testing Directions by the Ministry of Transportation and Communications:

Background:

To maintain vehicle control, directional stability under severe braking conditions while braking.

背景：

在嚴峻的煞車條件下煞車時，能維持車輛操控性及方向穩定性。

Proposed date of implementation:

Anti-lock brake system(ABS):

2019/1/1 for new vehicle variants of category symbols L3-A2 and L3-A3.

2021/1/1 for all vehicle variants of category symbols L3-A2 and L3-A3.

Anti-lock brake system (ABS) or a combined brake system(CBS):

2019/1/1 for new vehicle variants of category symbol L3-A1.

2021/1/1 for all vehicle variants of category symbol L3-A1.

實施日期：

防鎖死煞車系統(ABS)：

新形式之 L3-A2 及 L3-A3 類車輛 108 年 1 月 1 日，各型式之 L3-A2 及 L3-A3 類車輛 110 年 1 月 1 日。

防鎖死煞車系統(ABS)或連動式煞車系統(CBS)

新形式之 L3-A1 類車輛 108 年 1 月 1 日，各型式之 L3-A1 類車輛 110 年 1 月 1 日。

Revision of the requirements:

- Vehicle Safety Testing Directions, item 432 Anti-lock braking system (ABS).
- Scope: Anti-lock braking system (ABS) used in categories L3-A2 and L3-A3 ; Anti-lock brake system (ABS) or a combined brake system(CBS) used in category L3-A1.
- Note: Refer to (EU) No 168/2013.

法規修訂：

- 新增車輛安全檢測基準第四十三之二：防鎖死煞車系統。
- 適用對象：本基準適用於 L3-A2 及 L3-A3 類車輛所配備之防鎖死煞車系統(ABS)；以及適用於 L3-A1 類車輛所配備之防鎖死煞車系統(ABS)或連動式煞車系統(CBS)。
- 備註：本項基準係參照(EU) No 168/2013。

Public Notice under the Vehicle Safety Testing Directions by the Ministry of Transportation and Communications:

Background:

To enhance the driving safety of M2 and M3 categories vehicle by means of driving vision of assistant.

背景：

藉由行車視野之輔助，提升 M2 及 M3 類大客車之行車安全。

Proposed date of implementation:

Driving vision assistant system:

2017/1/1 for new vehicle variants of category symbols M2 and M3.

2019/1/1 for all vehicle variants of category symbols M2 and M3.

實施日期：

車道偏離輔助警示系統：新型式之 M2 及 M3 類車輛 106 年 1 月 1 日，各型式之 M2 及 M3 類車輛 108 年 1 月 1 日。

Revision of the requirements:

- Vehicle Safety Testing Directions, item 71 Driving vision assistant system.
- Scope: Driving vision assistant system used in categories M2 and M3.
- Note:

This regulation shall comply with following items,

- (1) Quantity and position of camera,
- (2) Record function of camera system,
- (3) Field of vision test for both vehicle sides and reversing,
- (4) Image display test.

法規修訂：

- 新增車輛安全檢測基準第七十一：行車視野輔助系統。
- 適用對象：本法規適用於 M2 及 M3 類車輛所配備之行車視野輔助系統。
- 備註：

本項車輛安全檢測基準所訂定之項目如下：

- (1) 攝影鏡頭安裝數量與位置；
- (2) 攝影系統應具備影像紀錄留存功能；
- (3) 車身兩側及倒車攝影鏡頭視野；
- (4) 影像顯示要求。