

1 November 2018 (WoF and CoF)

VIRM: In-service certification (WoF and CoF) amendment

– effective 1 November 2018

Section	Change description
General vehicles	
<u>3-1 Structure</u>	<ul style="list-style-type: none"> • Clarification around the definition of a bumper bar including new Figure 3-1-3
<u>4-1 Headlamps</u>	<ul style="list-style-type: none"> • Clarifications around retrofitting headlamps and standards • New Rfr and Sol to align with rule where a lamp comprises an array of light sources (eg LEDs), it is a fail if fewer than 75% of these operate. • Some re-ordering of Rfrs into a <i>Modification</i> section • Rfr 18 reworded to clarify that retrofitted headlamps must be fitted in pairs
<u>4-9 End-outline marker lamps</u>	<ul style="list-style-type: none"> • New notes added regarding the treatment of original equipment
<u>4-13 Rear reflectors</u>	<ul style="list-style-type: none"> • A rearward facing reflector must reflect light as red
<u>4-15 Other lighting</u>	<ul style="list-style-type: none"> • Section renamed from 'Cosmetic lamps' • Specifications around work lamp switches and circuits • Two new Rfrs regarding forward-facing reflectors • Table 4-15-1. Lamps that are not cosmetic lamps: Reflective material, work lamps, scene lamps and alley lamps removed from 'Other lighting equipment not requiring inspection' • Definitions added to Note 1
<u>10-1 Tyres and wheels</u>	<ul style="list-style-type: none"> • Update to include further examples of fail items when tyre information is removed or concealed, including extra images
<u>11-1 Exhaust system</u>	<ul style="list-style-type: none"> • Clarification in Note 6 and Note 7 about wastegates and silenced exhaust systems
<u>13-5 Electric and hybrid electrical systems</u>	<ul style="list-style-type: none"> • Specialist certification is always required for changes to the high voltage electrical system
Heavy vehicles	

Section	Change description
3-1 Structure	<ul style="list-style-type: none"> • Clarification that modification to the occupant protection structure of a cab require HVS certification unless those modifications are type approved
4-1 Headlamps	<ul style="list-style-type: none"> • Clarifications around retrofitting headlamps and standards • New Rfr and Sol to align with rule where a lamp comprises an array of light sources (eg LEDs), it is a fail if fewer than 75% of these operate. • Some re-ordering or Rfrs into a <i>Modification</i> section • Rfr 18 reworded to clarify that retrofitted headlamps must be fitted in pairs
4-9 End-outline marker lamps	<ul style="list-style-type: none"> • New notes added regarding the treatment of original equipment
4-15 Other lighting	<ul style="list-style-type: none"> • Section renamed from ‘Cosmetic lamps’ • Specifications around work lamp switches and circuits • Two new Rfrs regarding forward-facing reflectors • Table 4-15-1. Lamps that are not cosmetic lamps: Reflective material, work lamps, scene lamps and alley lamps removed from ‘Other lighting equipment not requiring inspection’ • Definitions added to Note 1
13-5 Electric and hybrid electrical systems	<ul style="list-style-type: none"> • Specialist certification is always required for changes to the high voltage electrical system
Light passenger service vehicles	
4-1 Headlamps	<ul style="list-style-type: none"> • Clarifications around retrofitting headlamps and standards • New Rfr and Sol to align with rule where a lamp comprises an array of light sources (eg LEDs), it is a fail if fewer than 75% of these operate. • Some re-ordering or Rfrs into a <i>Modification</i> section • Rfr 18 reworded to clarify that retrofitted headlamp must be fitted in pairs
4-9 End-outline marker lamps	<ul style="list-style-type: none"> • New notes added regarding the treatment of original equipment
4-13 Rear reflectors	<ul style="list-style-type: none"> • A rearward facing reflector must reflect light as red

Section	Change description
4-15 Other lighting	<ul style="list-style-type: none"> • Section renamed from 'Cosmetic lamps' • Specifications around work lamp switches and circuits • Two new Rfrs regarding forward-facing reflectors • Table 4-15-1. Lamps that are not cosmetic lamps: Reflective material, work lamps, scene lamps and alley lamps removed from 'Other lighting equipment not requiring inspection' • Definitions added to Note 1
10-1 Tyres and wheels	<ul style="list-style-type: none"> • Update to include further examples of fail items when tyre information is removed or concealed
13-5 Electric and hybrid electrical systems	<ul style="list-style-type: none"> • Specialist certification is always required for changes to the high voltage electrical system
Heavy passenger service vehicles	
2-1 External projections	<ul style="list-style-type: none"> • Roof racks on heavy PSVs <i>do</i> require specialist certification
4-1 Headlamps	<ul style="list-style-type: none"> • Clarifications around retrofitting headlamps and standards • New Rfr and Sol to align with rule where a lamp comprises an array of light sources (eg LEDs), it is a fail if fewer than 75% of these operate. • Some re-ordering of Rfrs into a <i>Modification</i> section • Rfr 18 reworded to clarify that retrofitted headlamps must be fitted in pairs
4-9 End-outline marker lamps	<ul style="list-style-type: none"> • New notes added regarding the treatment of original equipment
4-13 Rear reflectors	<ul style="list-style-type: none"> • A rearward facing reflector must reflect light as red
4-15 Other lighting	<ul style="list-style-type: none"> • Section renamed from 'Cosmetic lamps' • Specifications around work lamp switches and circuits • Two new Rfrs regarding forward-facing reflectors • Table 4-15-1. Lamps that are not cosmetic lamps: Reflective material, work lamps, scene lamps and alley lamps removed from 'Other lighting equipment not requiring inspection' • Definitions added to Note 1

Section	Change description
6-3 PSV entry and exit steps, ramps and hoists	<ul style="list-style-type: none"> • Clarification around when HVS certification may be required
13-5 Electric and hybrid electrical systems	<ul style="list-style-type: none"> • Specialist certification is always required for changes to the high voltage electrical system
Motorcycles	
4-1 Headlamps	<ul style="list-style-type: none"> • Clarifications around retrofitting headlamps and standards • New Rfr and Sol to align with rule where a lamp comprises an array of light sources (eg LEDs), it is a fail if fewer than 75% of these operate.
4-15 Other lighting	<ul style="list-style-type: none"> • Section renamed from 'Cosmetic lamps' • Specifications around work lamp switches and circuits • Table 4-15-1. Lamps that are not cosmetic lamps: Reflective material, work lamps, scene lamps and alley lamps removed from 'Other lighting equipment not requiring inspection' • Definitions added to Note 1
10-1 Tyres and wheels	<ul style="list-style-type: none"> • Update to include further examples of fail items when tyre information is removed or concealed
13-5 Electric and hybrid electrical systems	<ul style="list-style-type: none"> • New section added. Aligns the motorcycle section with general vehicles, heavy vehicles, LPSV, HPSV.
General trailers	
7-1 Tyres and wheels	<ul style="list-style-type: none"> • Update to include further examples of fail items when tyre information is removed or concealed
Heavy trailers	
5-1 Brakes	<ul style="list-style-type: none"> • New electric bakes subsection – class TC trailer with electric brakes must be HVEK certified • New Rfr 41: A trailer in a dedicated combination does not have a brake certification plate listing both vehicles' VINs.

Section	Change description
8-7 Heavy vehicle kingpin or socket coupling (for towing a semi-trailer)	<ul style="list-style-type: none"> • New Rfr around presentation of the <i>4085B Operator statement of skidplate maintenance</i> form
Technical bulletins (general)	
13 Light bars	<ul style="list-style-type: none"> • How to treat light bars when treated as headlamps, and how to treat them when fitted as work lamps