

# Queensland Code of Practice: Vehicle Modifications (QCOP)

Amendments to the QCOP

August 2023

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Queensland Government



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# List of Amendments

## 1. Introduction of section LC – Vehicle Controls [Version 2.0]

*Commenced 1 January 2014*

General Change	The template this code of practice is published on was updated to comply with the Queensland Government corporate identity.
New Section	Inclusion of new Vehicle Controls section (LC), including two design codes (LC1 and LC3) and two modification codes (LC2 and LC4). This section is included in this version as pages 8-34.

## 2. Changes due to the commencement of the National Heavy Vehicle Law Act 2012 (Queensland [Version 2.1]

*Commenced 10 February 2014*

(page references cited are pages as in version 2 of this document)

Table of Contents (pp.3-4)	Updates to reflect changes made by this package.
Introduction (p.5)	Minor changes made to reference the National Heavy Vehicle Regulator (NHVR) Code of Practice for the Approval of Heavy Vehicle Modifications and <i>Heavy Vehicle (Vehicle Standards) National Regulation 2013</i> .
Modification Codes (p.6)	Table of heavy vehicle modification codes updated to reflect modification codes removed by this change.
Section K6 (pp.66-77)	Section removed as this section is now included as part of the National Heavy Vehicle Regulator (NHVR) Code of Practice for the Approval of Heavy Vehicle Modifications.  <i>Note: The section is available from the heavy vehicle modification section of the Transport and Main Roads website at <a href="http://www.tmr.qld.gov.au">www.tmr.qld.gov.au</a></i>
Section S4 (pp.78-105)	Section repealed as this section is now included as part of the National Heavy Vehicle Regulator (NHVR) Code of Practice for the Approval of Heavy Vehicle Modifications.  <i>Note: The section is available from the heavy vehicle modification section of the Transport and Main Roads website at <a href="http://www.tmr.qld.gov.au">www.tmr.qld.gov.au</a></i>
Section S5 (pp.106-137)	Section repealed as this section is now included as part of the National Heavy Vehicle Regulator (NHVR) Code of Practice for the Approval of Heavy Vehicle Modifications.  <i>Note: The section is available from the heavy vehicle modification section of the Transport and Main Roads website at <a href="http://www.tmr.qld.gov.au">www.tmr.qld.gov.au</a></i>
Section S6 (pp.138-159)	Section repealed as this section is now included as part of the National Heavy Vehicle Regulator (NHVR) Code of Practice for the Approval of Heavy Vehicle Modifications.  <i>Note: The section is available from the heavy vehicle modification section of the Transport and Main Roads website at <a href="http://www.tmr.qld.gov.au">www.tmr.qld.gov.au</a></i>
Section S10 (pp.160-224)	Section repealed as this section is now included as part of the National Heavy Vehicle Regulator (NHVR) Code of Practice for the Approval of Heavy Vehicle Modifications.  <i>Note: The section is available from the heavy vehicle modification section of the Transport and Main Roads website at <a href="http://www.tmr.qld.gov.au">www.tmr.qld.gov.au</a></i>

3. Changes to the LO8 section [Version 2.2]  
*Commenced 1 June 2014*

Section LO8 (p.49) Requirements about seat belts in this section updated.

4. Removal of the LL7 section [Version 2.3]  
*Commenced 1 July 2014*

Table of Contents (pp.3) Table of Contents updated to reflect modification code removed by this change.

Modification Codes (p.6) Table of modification codes updated to reflect modification code removed by this change.

Section LL7 (pp. 40-46) Section removed. This modification is now considered a basic modification. Requirements for this modification can be found in the LL section of the NCOP.

*Note: page references cited are as in version 2.2.*

5. Removal of the LO8 section [Version 2.4]  
*Commenced 1 October 2014*

Table of Contents (pp.3) Table of Contents updated to reflect modification code removed by this change.

Modification Codes (p.6) Table of modification codes updated to reflect modification code removed by this change.

Section LO8 (pp. 42-46) Section removed.

*Note: page references cited are as in version 2.3.*

6. Minor amendment to the S13 section [Version 2.4.1]  
*Commenced 18 November 2014*

Section S13 (p.56) 6<sup>th</sup> and 7<sup>th</sup> dot points under section 'General Requirements' combined and updated to reflect the Department of Transport and Main Roads' policy position about professional engineering services.

9<sup>th</sup> dot point under section 'General Requirements' has been updated to refer to the heavy code.

*Note: Changes have resulted in text on pages 56-60 moving. If updating this Code of Practice from version 2.4, this can be done by replacing pages 56-60 and 67-68 with those from this version.*

7. Removal of certification details [Version 2.5]  
*Commenced 16 March 2015*

Section LC, LH, LS and S The 'certification details' tables have been removed from each section as this information is captured on the Modification Certificate. An additional row has been included in each checklist to capture the Modification Certificate number.

8. Introduction of LS11 and LS12 Modification Codes [Version 2.8]  
*Commenced 1 March 2017*

General Change	The template this code of practice is published on was updated to comply with the Queensland Government corporate identity.
New Sections	Inclusion of new LS11 - <u>Gross Vehicle Mass Increase</u> and LS12 - Light Trailer Modifications

LS11 and LS12 sections are included in this version as pages 52-66.

9. Introduction of LX1 Modification Code

10. Changes to LS9 and LS10 Codes [Version 4.0]

*Commenced 19 October 2018*

Section LS9 and LS10	Major revision to increase maximum lift height to 150mm and to include lifts up to 75mm. (pp 41-54)
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Section LC3	The approval to disable airbags that are part of an SRS has been extended to 30 June 2019. (p22)
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11. Insertion of Certification Details Checklist box [Version 4.1]  
*Commenced November 2018*

Section LC1, LC2, LC3, LC4,  
LH9, LH10, LS9 and LS10    Inserted Vehicle details certification box for checklist

12. Change to S13 section  
*Commenced 1/04/2019*

Changed the section 3 to reflect the *Transport Operations (Passenger Transport) Standards 2010*

13. Introduction of LS15 Modification code [Version 4.2]  
*Commenced March 2020*

Facilitate provision of design package under LS11 so new code LS15 can be used to provide inspection and certification of physical modifications for GVM upgrade.

Prohibit changes to GCM rating and tow capacity rating under LS11 code, restricting it to GVM upgrade only Making the code clearer on its scope & limitations

#### 14. Reformatting of the QCOP

*Commenced July 2021*

General change	Split the QCOP into several separate documents for easier access to singular codes
LC Codes	Updated the reference from general requirements of NCOP to general requirements of Section LC of QCOP
LS11	Updated sub-section 2.5 to read the correct Pathway-4
S4, S5 and S6	Reintroduced Heavy Codes S4, S5 and S6 into the QCOP as they are no longer referenced under the NHVR Code of Practice
S13	Updated references to S4, S5 and S6 of NHVR heavy code to QCOP

#### 15. General changes to the QCOP

*Commenced September 2021*

Regulation update	Updated the referenced <i>Transport Operations (Road Use Management – Vehicle Standards and Safety) Regulation 2010</i> to the <i>Transport Operations (Road Use Management – Vehicle Standards and Safety) Regulation 2021</i>
General changes	Updated the general requirements to be consistent across all relevant codes and general formatting
LC3	Extended date for the provision of disabling airbags
S4, S5 and S6	Changed to reference only for certification of S13

#### 16. Changes to Codes LS9, LS10 and the QCOP

*Commenced November 2022*

LS9 and LS10 Codes	Code revised to specify changed internal limits on sources of ride height increase: Suspension 100 mm max from 75 mm max; Body block 25 mm max if suspension change is more than 75 mm, otherwise 50 mm max
General changes QCOP	Other minor editorial changes and corrections Order of the codes corrected to bring all the LS Section codes in one place- LS9, LS10, LS11, LS12, LS14 and LS15

#### 17. Changes to codes LS11. Introduction of code LS16 to the QCOP

*Commenced February 2023*

LS11 Code	Code revised to specify requirements expected on axle loading. Reiterates that with a Gross Vehicle Mass upgrade the performance of axles and axle subsystems should not deteriorate from the baseline measurement that is engineered by the original vehicle manufacturer. (Amended section 3.3 Axle ratings)
LS16 Code	Introduction of a new code that will allow Approved Person engineers to re-rate a vehicles Gross Combination Mass rating. It is expected this will be closely utilised with the LS11 code.

18. Introduction of new codes to the QCOP

*Commenced September 2023*

New modification codes

Introduction of new light vehicle codes LG3, LG4, LG5, LG6, LH13, LH14, LK3 and LR1. These codes are equivalent to heavy vehicle modification codes, and have been developed to be used specifically for light vehicles in preference to the use of heavy vehicles on light vehicles. With the introduction of these codes, the certification of light vehicles using heavy vehicle codes will no longer be permissible.