New South Wales Higher Mass Limits Declaration 2020 – Information Sheet

The *New South Wales Higher Mass Limits Declaration 2020* (the 2020 Declaration) authorises eligible vehicles to operate at Higher Mass Limits (HML).

Requirements

Eligible vehicles

Vehicles eligible to operate at HML in New South Wales include:

- short combinations (standard six axle semi-trailer)
- B-doubles
- Type 1 A-double road trains, including modern road trains
- B-triples
- AB-triples
- modular B-triples
- vehicles operating under the Performance Based Standards scheme, including quad-axle combinations.

Monitoring

Under the *New South Wales Higher Mass Limits Declaration 2015*, vehicles operating at HML in New South Wales had to be monitored by the Intelligent Access Program (IAP).

This condition has been expanded in the 2020 Declaration, so that vehicles operating at HML in New South Wales can now be monitored by **either** the IAP or the Telematics Monitoring Application (TMA).

A list of certified service providers offering IAP and TMA is published on the Transport Certification Australia (TCA) website.

IAP

To participate in IAP, a vehicle needs to be fitted with a TCA type-approved telematics device supplied and installed by an approved IAP installer through a certified service provider. Operators enrol their vehicle in IAP by completing online enrolment with TfNSW.

Operators are required to carry in their vehicle a current New South Wales IAP Certificate of Enrolment issued by TfNSW that indicates the vehicle is monitored under the relevant IAP scheme/network in New South Wales.

Operators must also meet a number of requirements while operating a heavy vehicle fitted with an IAP system, as described in **IAP Operational Requirements** below.

IAP operational requirements

In order to operate at HML if participating in IAP, operators must input the following information into the device (please note these requirements only apply to IAP systems and **not** to TMA):

- the vehicle configuration;
- the number of axles in the configuration; and
- the total mass of the vehicle or combination, including the mass of the hauling unit, any attached trailers, and any load on board the vehicle or combination.

This information must be input **only** when the vehicle is loaded at HML.

This information must be declared:

- at the start of the journey;
- whenever there is a change in the vehicle configuration;
- whenever there is a change in the total mass of the vehicle or combination, including the mass of the hauling unit and any attached trailers, plus any load on board the vehicle or combination; and
- whenever prompted by the Self Declaration Input Device (SDID), if a SDID is available in the vehicle.

Mass declaration requirements must be made through:

- the SDID in the vehicle that is certified by TCA and linked to the IAP service provider; or
- an alternative method approved and certified by TCA.

TMA

In order to operate at HML if participating in TMA, a vehicle needs to be fitted with a TCA type-approved telematics device supplied by a certified service provider. Operators enrol their vehicle in TMA by contacting their certified service provider.

Operators are required to carry in their vehicle a TMA Certificate issued by their certified service provider. Maps and lists of approved roads for HML heavy vehicles, as well as for 4.6m high heavy vehicles and Restricted Access Vehicles, can be accessed here.

Vehicle category	Mass limits at HML	NSW IAP scheme/network name
Short combination	 **No. of tyres** **2** **4 4** **4 4 4** Axle group mass limit 6.0t [4] 17.0t [3] 22.5t [1,2] **HML: 45.5t** [4]	**HML short combination** **or** **HML short combination or car carrier up to 19m** [8]
B-double	 **No. of tyres** **2** **4 4** **4 4 4** **4 4 4** Axle group mass limit 6.0t [4] 17.0t [3] 22.5t [1,2] 22.5t [1,2] **HML: 68.0t** [4]	**HML B-double** **or** **HML B-double or car carrier over 19m** [8]
Type 1 road train	 **No. of tyres** **2** **4 4** **4 4 4** **4 4** **4 4 4** Axle group mass limit 6.0t [5] 17.0t [3] 22.5t [1,2] 17.0t [3] 22.5t [1,2] **HML: 85.0t** [4]	**HML road train**

Type 1 road train	 **No. of tyres** **2** **4 4** **4 4 4** **4 4 4** **4 4 4** Axle group mass limit 6.0t [5] 17.0t [3] 22.5t [1,2] 22.5t [1,2] 22.5t [1,2] **HML: 90.5t [5,6]**	**HML road train**
Type 1 road train	 **No. of tyres** **2** **4 4** **4 4 4** **4 4 4** **4 4 4** Axle group mass limit 6.0t [5] 17.0t [3] 22.5t [1,2] 22.5t [1,2] 22.5t [1,2] **HML: 90.5t [5,7]**	**HML modern road train** **or** **modern road train – HML [8]**
B-triple not longer than 36.5m	 **No. of tyres** **2** **4 4** **4 4 4** **4 4 4** **4 4 4** Axle group mass limit 6.0t [5] 17.0t [3] 22.5t [1,2] 22.5t [1,2] 22.5t [1,2] **HML: 90.5t [5]**	**HML B-triple**

Modular B-triple							**HML modular B-triple**
	No. of tyres	**2**	**4 4**	**4 4 4**	**4 4 4**	**4 4 4**	
	Axle group mass limit	6.0t [5]	17.0t [3]	22.5t [1,2]	22.5t [1,2]	22.5t [1,2]	
	HML: 90.5t [5]						
AB-triple not longer than 36.5m							**HML AB-triple**
	No. of tyres	**2**	**4 4**	**4 4 4**	**4 4 4**	**4 4 4**	**4 4 4**
	Axle group mass limit	6.0t [5]	17.0t [3]	22.5t [1,2]	22.5t [1,2]	22.5t [1,2]	22.5t [1,2]
	HML: 113.0t [5]						

Notes

[1] Reduce triaxle and total mass limits by 1.5t for each triaxle group operating at Concessional Mass Limits (CML).

[2] Reduce triaxle and total mass limits by 2.5t for each triaxle group operating at General Mass Limits (GML).

[3] Reduce triaxle and total mass limits by 0.5t for each tandem axle group operating at GML.

[4] Add 0.5t to the steer axle and total mass limits where the vehicle complies with Section 5 Mass limits relating to axle spacing generally of Schedule 1 (Table 1(aa)) of the *Heavy Vehicle (Mass, Dimension and Loading) National Regulation*.

[5] Total steer axle mass limits:

- 6.5t where the prime mover is fitted with tyres with section widths of at least 295mm (Schedule 1 Table 1(b)(i)); or
- 7.1t where the prime mover is fitted with tyres with section widths of at least 375mm (Schedule 1 Table 1(b)(ii)).

[6] With the following additional requirements:

- the tri-axle converter dolly is fitted with certified Road Friendly Suspension; and
- the combination has a minimum extreme axle spacing of 26.5m.

[7] With the following additional requirements:

- the tri-axle converter dolly is fitted with certified Road Friendly Suspension; and
- the combination has a minimum extreme axle spacing of 26.5m; and
- the prime mover and trailers forming part of the combination are nominated vehicles of an operator who holds an accreditation for the Maintenance Management module of the National Heavy Vehicle Accreditation Scheme.

[8] The scheme/network name on the Certificate of Enrolment issued by Roads and Maritime prior to the Declaration is still valid. These scheme/network names will transition to the new scheme/network name when a new Certificate of Enrolment is issued.