

Information for PBS Assessors and Certifiers | IPAC-10

Audience: Assessors

Mass tables on PBS Design Approvals

This IPAC provides advice to Assessors about mass table requirements on PBS Design Approval (DA) applications.

Background

To ensure consistency between PBS Assessors and to facilitate faster approval turnaround times, Assessors are required to adhere to the following mass table protocols for all DA applications.

The requirements outlined in this document will commence from **Monday 10 May 2021**.

Mass values

All mass values on DA applications must be provided in 50kg increments. This includes GCM and individual axle group masses.

This will ensure that all masses are rounded to two decimal points. Masses using three decimal points, for example 15.626t, are neither practical nor enforceable.

Standardly, the NHVR Portal only accepts mass values in 50kg increments.

Mass values - Exception

GML masses that fall between 55t and 55.05t are exempted from the 50kg increment requirement; masses that fall in that range can be supplied in 10kg increments.

This exception is permitted in order to remove a potential disadvantage when applying Concessional Mass Limits (CML). In summary, CML allows for a maximum allowance on top of GML of 1t if GML ≤ 55t and 2t if GML > 55t.

If a GML mass falls between 55t and 55.05t for a 3-axle truck and 4-axle dog and is rounded down to 55t using the 50kg increment, it will reduce the maximum CML mass to 1t greater than GML. Otherwise, if the GML mass is permitted to use a more granular allowance of

10kg increments (such as 55.01t) it would enable the maximum CML mass of 1.5t on top of GML.

For more information on CML application, please refer to Schedule 2 of *Heavy Vehicle (Mass, Dimension and Loading) National Regulation*.

Mass tables labelling

Each mass set must be clearly labelled with the following information:

- Level of PBS approval (Level 1, 2, 3 or 4)
- Mass scheme label (GML/CML/HML/QML)
- Bridge assessment Tier (1 or 2/3)

Grandfathering rules

Previously approved applications that did not conform to these requirements will continue to be accepted.

However, for clarity and consistency purposes we strongly recommend that any previously approved drawings are brought to this standard when applying for design variations or amendments.

IPAC10: Revision history	
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