



Australian Government

Department of Transport and Regional Services

**Department of Transport and Regional Services
Vehicle Safety Standards Branch
Road-Friendly Suspension Certificate Number (RFCN): RF2022
Issue Date: 29 January 2021**

The Assistant Secretary, Vehicle Safety Standards Branch has assessed the information in Schedule 3 for the suspension described in Road Friendly Certificate Schedule 2, which the Supplier identified in Schedule 1 has submitted as complying with the road-friendliness requirements as specified in National Road Transport Commission (NRTC) publication 'Road-Friendly Suspension – Performance and Component Requirements, and Acceptable Test methods'. This information will be acceptable for use as evidence of compliance with the requirements specified in the NRTC publication provided the suspension is installed according to the Supplier's nominated installation instructions identified in Schedule 3.

The issue of this Certificate is subject to the following conditions:

1. The Supplier shall not quote the Road-Friendly Certificate Number in respect of a suspension which is not the suspension certified in the Road-Friendly Suspension certificate with that number.
2. Without the prior approval of the Assistant Secretary, Vehicle Safety Standards Branch, the Supplier shall not quote Road-Friendly Certificate Number in respect of a suspension, that is in any way different from the suspension described in the final form of the application for this Suspension Certificate Number. The application includes reports and other information relating to the application.
3. The Supplier shall by detailed quality control and test ensure continuing compliance with the requirements.
4. The Supplier shall maintain records of detailed quality control and test documentation.
5. The Supplier shall supply upon request, to Assistant Secretary, Vehicle Safety Standards Branch any additional information requested for the purpose of demonstrating compliance.
6. The Supplier shall not quote the Road-Friendly Certificate Number in respect of a suspension on or after the Expiry date specified in the certificate.
7. The Supplier shall indicate by an appropriate method (decal, label or plate) the Road-Friendly Suspension Certificate Number (RFCN) on the suspension system.
8. On cessation of marketing the specified suspension in Australia, the Supplier shall notify Assistant Secretary, Vehicle Safety Standards Branch of the date of manufacture of the last specified suspension supplied to the market in Australia.
9. If the requirements for road-friendliness are changed by the National Road Transport Commission, a new approval may be required.



Certificate No: **RF2022**
Issue Date: **29 January 2021**
Expiry Date: **Life of Model**

SCHEDULE 1

Supplier Name: Hendrickson Asia Pacific Pty Ltd

Supplier ID: L1790

Supplier Address: 32-44 Letcon Drive
DANDENONG NORTH VIC 3175

SCHEDULE 2

Make: Hendrickson

Model: HAS461 & Variants

SCHEDULE 3

	Variant 1	Variant 2	Variant 3	Variant 4
Variant name:	HAS461	HAS460	HAS400	HAS40LH
Number of Axles	2	2	2	2
Overslung/Underslung	OVERSLUNG	OVERSLUNG	OVERSLUNG	OVERSLUNG
Maximum Axle spread (m)	1.380	1.380	1.380	1.380
Dampers Part Numbers	57905-001 or 60675-003 or 60670-007	47902-024 or 60670-005 or 60670-007 or 98583-074	47902-024 or 60670-005 or 60670-007 or 98583-074	57241-001 or 60680-001
Smallest Tyre Size Designation	11R19.5	11R19.5	11R19.5	11R19.5
Highest tyre pressure (Kpa)	690	690	690	690
Airbag Diameter (mm)	320	320	320	320
Reference Drawings No of Suspension (parts list & assembly details)	98447-HAS	98447-HAS	98447-HAS	98447-4LH



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	Variant 5	Variant 6	Variant 7	Variant 8
Variant name:	NGS-230	NGS-460	NGS-600	HAS230 METRIC
Number of Axles	1	2	3	1
Overslung/Underslung	UNDERSLUNG	UNDERSLUNG	UNDERSLUNG	OVERSLUNG
Maximum Axle spread (m)	0.000	1.420	3.200	0.000
Dampers Part Numbers	57241-001 or 60680-001	60657-003	60657-003	60665-008
Smallest Tyre Size Designation	19.5	19.5	19.5	11R19.5
Highest tyre pressure (Kpa)	690	690	690	690
Airbag Diameter (mm)	360	360	360	320
Reference Drawings No of Suspension (parts list & assembly details)	NGS_230	NGS_460	NGS_600	98447-HAS

	Variant 9	Variant 10
Variant name:	HAS400 METRIC	HAS460 METRIC
Number of Axles	2	2
Overslung/Underslung	OVERSLUNG	OVERSLUNG
Maximum Axle spread (m)	1.380	1.380
Dampers Part Numbers	60665-008	60665-008
Smallest Tyre Size Designation	11R19.5	11R19.5
Highest tyre pressure (Kpa)	690	690
Airbag Diameter (mm)	320	320
Reference Drawings No of Suspension (parts list & assembly details)	98447-HAS	98447-HAS



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A handwritten signature in dark ink, appearing to read 'Umesh', with a long horizontal flourish extending to the right.

.....
Umesh Shamdasani
Section Head, Certification & RAWS
Vehicle Safety Standards

Date: 29 January 2021