

LPG Fuel System Approvals

PURSUANT to regulation 90B of the Traffic Regulations 1976* (as inserted by the Traffic Regulations 1976 Amendment No. 7) and pursuant to the powers delegated to me by the Secretary for Transport, I, Trevor Alan Lister, Senior Automotive Engineer, hereby approve the components listed in the Schedule hereto for inclusion in any LPG automotive fuel system installed and operated in accordance with the requirements of New Zealand Standard NZS 5422, Part 1, 1980 (and any standard made in amendment thereto or in substitution therefor) subject to the conditions (if any) set out in respect of any component in the said Schedule.

SCHEDULE
LPG FUEL CYLINDERS

MOT Reference	Manufacturer	Drawing Number	Material	Specification	Independent Inspection Authority	Nominal Water Capacity (litres)	Working Pressure Rating (MPa)	Test Pressure (MPa)
AF L03 085 ..	Manchester Tank Co., U.S.A.	2422 (18 × 48)	Steel	... ASME 8/1 ..	ASME ..	180.6	2.15	3.22
AF L03 086 ..		2423 (18 × 52)	Steel	.. ASME 8/1 ..	ASME ..	196.8	2.15	3.22
AF L03 087 ..		2424 (18 × 36)	Steel	.. ASME 8/1 ..	ASME ..	132.1	2.15	3.22

LPG fuel cylinders are approved subject to the following conditions—

1. That they be permanently and clearly marked, either on a thickened portion of the cylinder or on a suitably attached metal plate, with characters not less than 6 mm high if space permits but in any case not less than 3 mm high, displaying the following information:

- (a) The specification to which the cylinder was manufactured.
- (b) The manufacturer's name or mark, and the serial number of the cylinder.
- (c) The date of the original cylinder inspection and the identification mark of the inspection authority who made the inspection.
- (d) The date of any periodic cylinder test and the identification mark of the cylinder testing station who made each test.
- (e) The cylinder test pressure.
- (f) The nominal water capacity of the cylinder.
- (g) The tare weight of the cylinder.
- (h) An identification that the cylinder is suitable for use with LPG.

2. That they be provided with valves and fittings which provide the following functions—

- (a) Filling connection incorporating a non-return valve.
- (b) Service valve incorporating an excess flow valve.
- (c) Contents gauge.
- (d) Safety valve.
- (e) A fixed liquid level indicator or an automatic fill shut off device which prevents the cylinder being filled beyond 85% of the total cylinder capacity.

Valves and fittings shall have a service pressure rating of at least that of the cylinder to which they are fitted and shall be dimensioned, threaded and marked in accordance with the requirements of Section 2.3 of New Zealand Standard NZS 5422 "The Use of LPG and CNG Fuels in Internal Combustion Engines—Part 1, LPG Fuel".

3. That the cylinders be tested at periods not exceeding 5 years in accordance with the periodic test requirements laid down in the specification to which the cylinder was manufactured.

Dated at Wellington this 13th day of October 1982.

T. A. LISTER, Senior Automotive Engineer.

*S.R. 1976/227

- Amendment No. 1: S.R. 1978/72
- Amendment No. 2: S.R. 1978/301
- Amendment No. 3: S.R. 1979/128
- Amendment No. 4: S.R. 1980/31
- Amendment No. 5: S.R. 1980/115
- Amendment No. 6: S.R. 1981/158
- Amendment No. 7: S.R. 1981/311
- Amendment No. 8: S.R. 1982/93

(M.O.T. 14/1/17)

Proposal for Variety Denomination (Notice No. 2910, Ag. P.V. 3/7, 3/12)

PURSUANT to section 11 of the Plant Varieties Act 1973, notice is hereby given that the proposed denomination, as specified in the Schedule hereto, has been received from the applicant by the Registrar of Plant Varieties.

SCHEDULE

SPECIES: OILSEED RAPE (*Brassica napus*)

Name and Address of Applicant	Date of Application	Breeder's Reference	Proposed Denomination
Crop Research Division, DSIR, Private Bag, Christchurch	6/10/81	S46	Marama

Withdrawal of an Application for a Grant of Plant Selectors' Rights

PURSUANT to section 13 (2) of the Plant Varieties Act 1973, notice is hereby given that the application for a grant of Plant Selectors' Rights as specified in the Schedule hereto, has been withdrawn by the applicant.

SCHEDULE

SPECIES: LUCERNE (*Medicago sativa*)

Name and Address of Applicant	Address of Service	Date of Application	Date of Withdrawal	Denomination	Breeder's Reference
Yates Corporation Ltd., P.O. Box 940, Auckland, as agent for Pioneer Hi-Bred International, 1206 Mulberry Street, Des Moines, Iowa 50308, U.S.A.	Yates Research, P.O. Box 16-147, Hornby	9/3/81	5/10/82	PR524	..

Dated at Lincoln this 5th day of October 1982.

F. W. WHITMORE, Registrar of Plant Varieties.