

# Fuel Service Co

## Test Report for Fuel Dispensers (other than LPG)

### Test Details

Date of test	06/08/2024	Operator	ServoPlus
Job number	54321	Site name	Laverton
Type	In-service Inspection	Site number	223344
Maximum permissible error (MPE)	0.3 %	Contact on site	Luke Smith
Verifier's name	Johnny Petro	Street Address	100 Little Boundary Road
Registration number	VR-01234	Suburb	Laverton
Verification mark	PET1234	State	VIC
		Post Code	3026

Comments  
Luke makes a really good coffee.

### Measures

Details of the Reference Standards of Measurement used for testing (clause 2.0).

Measure 1		Measure 2		Measure 3	
Type	Conical	Type	Cylindrical	Type	Cylindrical
Sightglass?	no	Sightglass?	yes	Sightglass?	yes
Serial number	LMI 101	Serial number	LMI 202	Serial number	LMI 303
Volume	15 L	Volume	100 L	Volume	200 L
Reg. 13 Certificate number	AB112233	Reg. 13 Certificate number	AB334455	Reg. 13 Certificate number	AB667788
Certificate expiry	27/10/2030	Certificate expiry	1/12/2030	Certificate expiry	15/05/2030

# Instruments

## Dispenser 1/2

### Instrument details

Manufacturer	Wayne
Make	Helix 6000
Model number	C(WH/LM)44-44R
Serial number	40-1003326
Manufacture date	2018
NMI pattern approval	5/6A/232
Products approved for delivery	Petrol, Diesel, Bio-diesel, Ethanol, DEF/ AdBlue
Type of system	Pressurised

### Visual inspection (clause 3.1)

1. Does the dispenser comply with its certificate/s of approval (CofA)?	✓ Yes
2. Are all mandatory descriptive markings clearly and permanently on a data plate that is fixed to the dispenser?	✓ Yes
3. Is the instrument wire sealed in line with the CofA, is there a Verifier Mark on the meter(s)?	✓ Yes
4. Is the dispenser firmly fixed on its foundations?	✓ Yes
5. Are all panels secure and cover windows not broken?	✓ Yes
6. Do the indications of volume, unit price and total price correspond with the hose selected?	✓ Yes
7. Are all indications clearly visible under all conditions, day and night?	✓ Yes
8. Are the hoses in reasonable condition, e.g.: they are not badly chafed, split or worn?	✓ Yes
9. Does each nozzle terminate the delivery when returned to its holsters?	✓ Yes
10. Is the dispenser free from any leaks?	✓ Yes
11. For self-service systems: do the dispenser number/s correspond with the console?	✓ Yes
12. For continuous indicators: do the price-posting wheels line up with, and follow, the internal price-setting ranger lever?	N/A

# 1 / ULP91

Hose serial 40-1003326-B1  
Unit price 219.90 € / L  
Start tote 941358  
End tote 941478  
Vol. used for testing 120 L  
Q<sub>min</sub> 4 L/min  
Q<sub>max</sub> 40 L/min  
Max achievable rate 38 L/min  
Performance code C

## In-service Inspection

Run	V <sub>FD</sub>	V <sub>REF</sub>	E <sub>FD</sub> (%)	E <sub>D</sub> (%)
#1	15.04	15	0.27	—
#2	15.03	15	0.20	—
#3	15.04	15	0.27	—
#4	15.04	15	0.27	—
Preset	15.04	15	0.27	—

Average error runs 1-3 (E<sub>AV</sub>) 0.25 %  
Anti-drain/Hose-dilation fuel vol. ✓ 12 mL

## Verification

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NATIONAL MEASUREMENT ACT 1960

PET1234H4

Run	V <sub>FD</sub>	V <sub>REF</sub>	E <sub>FD</sub> (%)	E <sub>D</sub> (%)
#1	15	15	0.00	—
#2	14.99	15	-0.07	—
#3	15	15	0.00	—
#4	15	15	0.00	—
Preset	15.01	15	0.07	—

Average error runs 1-3 (E<sub>AV</sub>) -0.02 %  
Anti-drain/Hose-dilation fuel vol. ✓ 12 mL  
Existing verification mark ABC9876

## Compliance

Checking facility for indicating devices ✓ Pass  
Zero setting ✓ Pass  
Price computing ✓ Pass  
Nozzle cut-off ✓ Pass  
Interlock ✓ Pass  
Pre-set indications ✓ Pass  
Overall result ✓ Pass

# 1 / E-10

Hose serial 40-1003326-B2  
Unit price 217.90 € / L  
Start tote 390222  
End tote 390267  
Vol. used for testing 45 L  
Q<sub>min</sub> 4 L/min  
Q<sub>max</sub> 40 L/min  
Max achievable rate 40 L/min  
Performance code B

## In-service Inspection

Run	V <sub>FD</sub>	V <sub>REF</sub>	E <sub>FD</sub> (%)	E <sub>D</sub> (%)
#1	15.01	15	0.07	—
#2	15.01	15	0.07	—
#3	15.01	15	0.07	—
#4	15.01	15	0.07	—
Preset	15.02	15	0.13	—

Average error runs 1-3 (E<sub>AV</sub>) 0.07 %  
Anti-drain/Hose-dilation fuel vol. ✓ 10 mL

## Compliance

Checking facility for indicating devices ✓ Pass  
Zero setting ✓ Pass  
Price computing ✓ Pass  
Nozzle cut-off ✓ Pass  
Interlock ✓ Pass  
Pre-set indications ✓ Pass  
Overall result ✓ Pass

# 1 / PULP98

Hose serial 40-1003326-B3  
Unit price 242.90 € / L  
Start tote 133740  
End tote 133785  
Vol. used for testing 45 L  
Q<sub>min</sub> 4 L/min  
Q<sub>max</sub> 40 L/min  
Max achievable rate 40 L/min  
Performance code B

## In-service Inspection

Run	V <sub>FD</sub>	V <sub>REF</sub>	E <sub>FD</sub> (%)	E <sub>D</sub> (%)
#1	14.98	15	-0.13	—
#2	14.98	15	-0.13	—
#3	14.99	15	-0.07	—
#4	15	15	0.00	—
Preset	14.99	15	-0.07	—

Average error runs 1-3 (E<sub>AV</sub>) -0.11 %  
Anti-drain/Hose-dilation fuel vol. ✓ 8 mL

## Compliance

Checking facility for indicating devices ✓ Pass  
Zero setting ✓ Pass  
Price computing ✓ Pass  
Nozzle cut-off ✓ Pass  
Interlock ✓ Pass  
Pre-set indications ✓ Pass  
Overall result ✓ Pass

## 1 / Premium Diesel

Hose serial 40-1003326-B4  
Unit price 192.90 ¢/L  
Start tote 573440  
End tote 573740  
Vol. used for testing 300 L  
Q<sub>min</sub> 7 L/min  
Q<sub>max</sub> 70 L/min  
Max achievable rate 55 L/min  
Performance code B

### In-service Inspection

Run	V <sub>FD</sub>	V <sub>REF</sub>	E <sub>FD</sub> (%)	E <sub>D</sub> (%)
#1	100	100.20	-0.20	-
#2	100	100.25	-0.25	-
#3	100	100.20	-0.20	-
#4	15.03	15	0.20	-
Preset	100	100.25	-0.25	-

Average error runs 1-3 (E<sub>AV</sub>) -0.22 %  
Anti-drain/Hose-dilation fuel vol. ✓ 10 mL

### Compliance

Checking facility for indicating devices ✓ Pass  
Zero setting ✓ Pass  
Price computing ✓ Pass  
Nozzle cut-off ✓ Pass  
Interlock ✓ Pass  
Pre-set indications ✓ Pass  
Overall result ✓ Pass

## 2 / ULP91

Hose serial 40-1003326-A1  
Unit price 219.90 ¢/L  
Start tote 326876  
End tote 326921  
Vol. used for testing 45 L  
Q<sub>min</sub> 4 L/min  
Q<sub>max</sub> 40 L/min  
Max achievable rate 38 L/min  
Performance code B

### In-service Inspection

Run	V <sub>FD</sub>	V <sub>REF</sub>	E <sub>FD</sub> (%)	E <sub>D</sub> (%)
#1	15.01	15	0.07	-
#2	15.02	15	0.13	-
#3	15.02	15	0.13	-
#4	15.02	15	0.13	-
Preset	15.02	15	0.13	-

Average error runs 1-3 (E<sub>AV</sub>) 0.11 %  
Anti-drain/Hose-dilation fuel vol. ✓ 12 mL

### Compliance

Checking facility for indicating devices ✓ Pass  
Zero setting ✓ Pass  
Price computing ✓ Pass  
Nozzle cut-off ✓ Pass  
Interlock ✓ Pass  
Pre-set indications ✓ Pass  
Overall result ✓ Pass

## 2 / E-10

Hose serial 40-1003326-A2  
Unit price 217.90 ¢/L  
Start tote 793989  
End tote 794034  
Vol. used for testing 45 L  
Q<sub>min</sub> 4 L/min  
Q<sub>max</sub> 40 L/min  
Max achievable rate 40 L/min  
Performance code B

### In-service Inspection

Run	V <sub>FD</sub>	V <sub>REF</sub>	E <sub>FD</sub> (%)	E <sub>D</sub> (%)
#1	15.02	15	0.13	-
#2	15.02	15	0.13	-
#3	15.03	15	0.20	-
#4	15.02	15	0.13	-
Preset	15.02	15	0.13	-

Average error runs 1-3 (E<sub>AV</sub>) 0.15 %  
Anti-drain/Hose-dilation fuel vol. ✓ 9 mL

### Compliance

Checking facility for indicating devices ✓ Pass  
Zero setting ✓ Pass  
Price computing ✓ Pass  
Nozzle cut-off ✓ Pass  
Interlock ✓ Pass  
Pre-set indications ✓ Pass  
Overall result ✓ Pass

## 2 / PULP98

Hose serial 40-1003326-A3  
Unit price 242.90 € / L  
Start tote 262140  
End tote 262260  
Vol. used for testing 120 L  
Q<sub>min</sub> 4 L/min  
Q<sub>max</sub> 40 L/min  
Max achievable rate 40 L/min  
Performance code D

### In-service Inspection

Run	V <sub>FD</sub>	V <sub>REF</sub>	E <sub>FD</sub> (%)	E <sub>D</sub> (%)
#1	15.06	15	0.40	—
#2	15.05	15	0.33	—
#3	15.08	15	0.53	—
#4	15.08	15	0.53	—
Preset	15.07	15	0.47	—

Average error runs 1-3 (E<sub>AV</sub>) ✘ 0.42 %  
Anti-drain/Hose-dilation fuel vol. —

### Verification

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Run	V <sub>FD</sub>	V <sub>REF</sub>	E <sub>FD</sub> (%)	E <sub>D</sub> (%)
#1	15	15	0.00	—
#2	15	15	0.00	—
#3	15	15	0.00	—
#4	15.01	15	0.07	—
Preset	15.02	15	0.13	—

Average error runs 1-3 (E<sub>AV</sub>) 0.00 %  
Anti-drain/Hose-dilation fuel vol. ✔ 8 mL  
Existing verification mark ABC9876

### Compliance

Checking facility for indicating devices ✔ Pass  
Zero setting ✔ Pass  
Price computing ✔ Pass  
Nozzle cut-off ✔ Pass  
Interlock ✔ Pass  
Pre-set indications ✔ Pass  
Overall result ✔ Pass

## 2 / Premium Diesel

Hose serial 40-1003326-A4  
Unit price 192.90 € / L  
Start tote 406844  
End tote 407144  
Vol. used for testing 300 L  
Q<sub>min</sub> 7 L/min  
Q<sub>max</sub> 70 L/min  
Max achievable rate 55 L/min  
Performance code B

### In-service Inspection

Run	V <sub>FD</sub>	V <sub>REF</sub>	E <sub>FD</sub> (%)	E <sub>D</sub> (%)
#1	100	100.10	-0.10	—
#2	100	100.10	-0.10	—
#3	100	100.15	-0.15	—
#4	15.02	15	0.13	—
Preset	100	100.10	-0.10	—

Average error runs 1-3 (E<sub>AV</sub>) -0.12 %  
Anti-drain/Hose-dilation fuel vol. ✔ 10 mL

### Compliance

Checking facility for indicating devices ✔ Pass  
Zero setting ✔ Pass  
Price computing ✔ Pass  
Nozzle cut-off ✔ Pass  
Interlock ✔ Pass  
Pre-set indications ✔ Pass  
Overall result ✔ Pass