



Australian Government
Department of Industry,
Innovation and Science

**National
Measurement
Institute**

**Interim
Provisional
Certificate of Approval
NMI P5/6A/229**

VALID FOR VERIFICATION PURPOSES UNTIL 7 JULY 2017

Issued by the Chief Metrologist under Regulation 60
of the
National Measurement Regulations 1999

This is to certify that an approval for use for trade has been granted in respect of the instruments herein described.

Gallagher Model Pulse CX8P Fuel Dispenser for Motor Vehicles

submitted by Gallagher Fuel Systems Ltd
 2 Station Road
 Marton 4741 New Zealand

NOTE: This Certificate relates to the suitability of the pattern of the instrument for use for trade only in respect of its metrological characteristics. This Certificate does not constitute or imply any guarantee of compliance by the manufacturer or any other person with any requirements regarding safety.

This approval has been granted with reference to document NMI R 117 Measuring Systems for Liquids Other than Water, dated June 2011.

DOCUMENT HISTORY

Rev	Reason/Details	Date
0	Pattern & variants 1 to 4 approved – interim certificate issued	15/02/13
1	Pattern amended (validity date) – interim certificate issued	27/05/13
2	Pattern & variants 1 to 4 approved – certificate issued	26/06/13
3	Variant 5 approved – certificate issued	27/09/13
4	Variant 6 approved – certificate issued	6/12/13
5	Variant 7 approved – certificate issued	26/02/14
6	Variant 8 provisionally approved – interim certificate issued	7/06/16

CONDITIONS OF APPROVAL

General

Instruments purporting to comply with this approval shall be marked with pattern approval number 'NMI P5/6A/229' and only by persons authorised by the submittor.

It is the submittor's responsibility to ensure that all instruments marked with this approval number are constructed as described in the documentation lodged with the National Measurement Institute (NMI) and with the relevant Certificate of Approval and Technical Schedule. Failure to comply with this Condition may attract penalties under Section 19B of the National Measurement Act and may result in cancellation or withdrawal of the approval, in accordance with document NMI P 106.

Special Conditions of Approval: (Provisional Approval)

This approval is limited to five (5) sites only, the locations of which may be obtained from the National Measurement Institute. The submittor shall advise NMI in writing of the proposed location or serial number of each instrument prior to it being initially verified.

Instruments purporting to comply with this approval shall be marked with approval number 'NMI P5/6A/229' and only by persons authorised by the submittor. (Note: The 'P' in the approval number may be a temporary marking.)

The approval will remain provisional pending completion of satisfactory testing and evaluation.

The submittor shall provide NMI with copies of test results from the initial verification and all subsequent tests.

In the event of unsatisfactory performance the approval may be cancelled (or altered).

The submittor shall implement such modifications as required by NMI. In the event that such modifications (if any are required by NMI) are not made to the satisfaction of NMI, this approval may be withdrawn.

1. Description of Pattern **approved on 15/02/13**

A Gallagher model Pulse CX8P fuel dispenser for motor vehicles approved to dispense distillate or various grades of fuels, in attendant-operated mode, or in attended self-service mode using any compatible approved control console. The meter is adjusted to be correct for the liquid for which it is to be verified.

Technical Schedule No 5/6A/229 dated 26/02/14 describes the pattern & variants 1 to 7.

2. Description of Variant 8 **provisionally approved on 7/06/16**

For use for blending, where the dispenser allows two base grades of fuel to be supplied into a common third hose for the delivery of the blended product. One hose for low octane fuel only, one hose for high octane fuel only and one hose delivering a defined blend of the two base grades. The blending ratio cannot be changed by the customer.

When a blended product is selected and delivery is initiated by lifting the nozzle, the calculator/indicator starts both pumping units for the two base products - the solenoid valves to the hose are fully opened and the proportional flow control valves begin to operate ramping up to the pre-determined flow rate. The calculator/indicator oversees the pulser output of each meter so that the correct ratio of the two products is maintained.

Signed by a person authorised by the Chief Metrologist
to exercise their powers under Regulation 60 of the
National Measurement Regulations 1999.

A handwritten signature in black ink, appearing to read 'Dr A Rawlinson', with a horizontal line underneath.

Dr A Rawlinson

~ End of Document ~