



NATIONAL STANDARDS COMMISSION

S3/0
23/6/89

NATIONAL MEASUREMENT (PATTERNS OF INSTRUMENTS) REGULATIONS

REGULATION 9

GENERAL SUPPLEMENTARY CERTIFICATE OF APPROVAL No S3/0

This is to certify that an approval for use for trade has been granted in respect of the patterns of

Driveway Flowmeter Nozzles

provided they comply with the following descriptions and requirements.

This approval relates only to the metrological performance of the nozzles.

CONDITIONS OF APPROVAL

General:

This approval is subject to review on or after 1/7/93.

This approval expires in respect of new instruments on 1/7/94.

Instruments purporting to comply with this approval shall be marked NSC No S3/0.

Special:

This approval relates to nozzles for use on driveway flowmeters for the delivery of petroleum products excluding liquefied petroleum gases.

A nozzle complying with this approval may be used:

- (i) On new instruments; or
- (ii) As a direct replacement of the nozzle on a previously-verified instrument, where it requires no modifications to the instrument or interlocks other than to the locating boot (hang-up).

Signed

Executive Director

Descriptive Advice

Pattern: approved 28/6/88

- Driveway flowmeter nozzles for petroleum products other than liquefied petroleum gases.

Filing Advice

General Supplementary Certificate of Approval No S3/0 dated 5/8/88 is superseded by this Certificate, and may be destroyed. The documentation for this approval now comprises:

General Supplementary Certificate of Approval No S3/0 dated 23/6/89
Technical Schedule No S3/0 dated 5/8/88 (Incl. Test Procedure)
Figure 1 dated 5/8/88



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This approval is subject to review on or after 1/7/93.

This approval expires in respect of new instruments on 1/7/94.

Instruments purporting to comply with this approval shall be marked NSC No S3/0.

Special:

This approval relates to nozzles for use on driveway flowmeters for the delivery of petroleum products excluding liquefied petroleum gases.

The nozzle may only be used as a direct replacement of the existing nozzle, requiring no modifications to the instrument or interlocks other than to the locating boot (hang-up).

Signed

Executive Director

Descriptive Advice

Pattern: approved 28/6/88

- Driveway flowmeter nozzles for petroleum products other than liquefied petroleum gases.

Filing Advice

The documentation for this approval comprises:

General Supplementary Certificate of Approval No S3/0 dated 5/8/88
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TECHNICAL SCHEDULE No S3/0

Pattern: Driveway Flowmeter Nozzles.

1. Description of Pattern

The pattern is a driveway flowmeter nozzle which may replace the nozzle on any compatible Commission-approved driveway flowmeter for use with petroleum products other than liquefied petroleum gases. Figure 1 is a schematic diagram of a typical nozzle.

Note: This approval relates only to the metrological performance of the nozzles.

1.1 Features

The nozzles shall incorporate an automatic shut-off valve and an anti-drain valve making them suitable for both attendant-operated and self-serve situations, with or without a hold-open clip. The nozzles shall have a spout the diameter of which shall be in accordance with the appropriate state or territory regulations. Where no such regulation exists, the external diameter shall be not less than 23.6 mm for other than unleaded products and not greater than 21.3 mm for unleaded petrol.

1.2 Markings

Nozzles shall be marked with the following data:

Manufacturer's name or mark
Approval number

NSC No S3/0

TEST PROCEDURE No S3/0

1. Testing of Interlocks

The replacement of the nozzle to its normal hang-up position, or what appears to be its normal hang-up position, shall not be possible without the pump motor stopping.

2. Testing the Anti-drain Valve

Tests should be in accordance with the relevant procedures in the Inspector's Handbook.



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NOTIFICATION OF CHANGE

GENERAL SUPPLEMENTARY CERTIFICATE OF APPROVAL No S3/0

CHANGE No 1

The following change is made to the approval documentation for
Driveway Flowmeter Nozzles.

General Supplementary Certificate No S3/0 dated 5/8/88, is superseded by the Certificate attached herein, in which amendments have been made to the 2nd Special Condition of Approval.

Signed

Executive Director

National Standards Commission



NOTIFICATION OF CHANGE

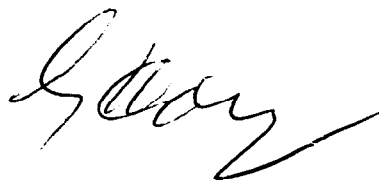
GENERAL SUPPLEMENTARY CERTIFICATE OF APPROVAL No S3/0

CHANGE No 2

The following change is made to the approval documentation for

Driveway Flowmeter Nozzles.

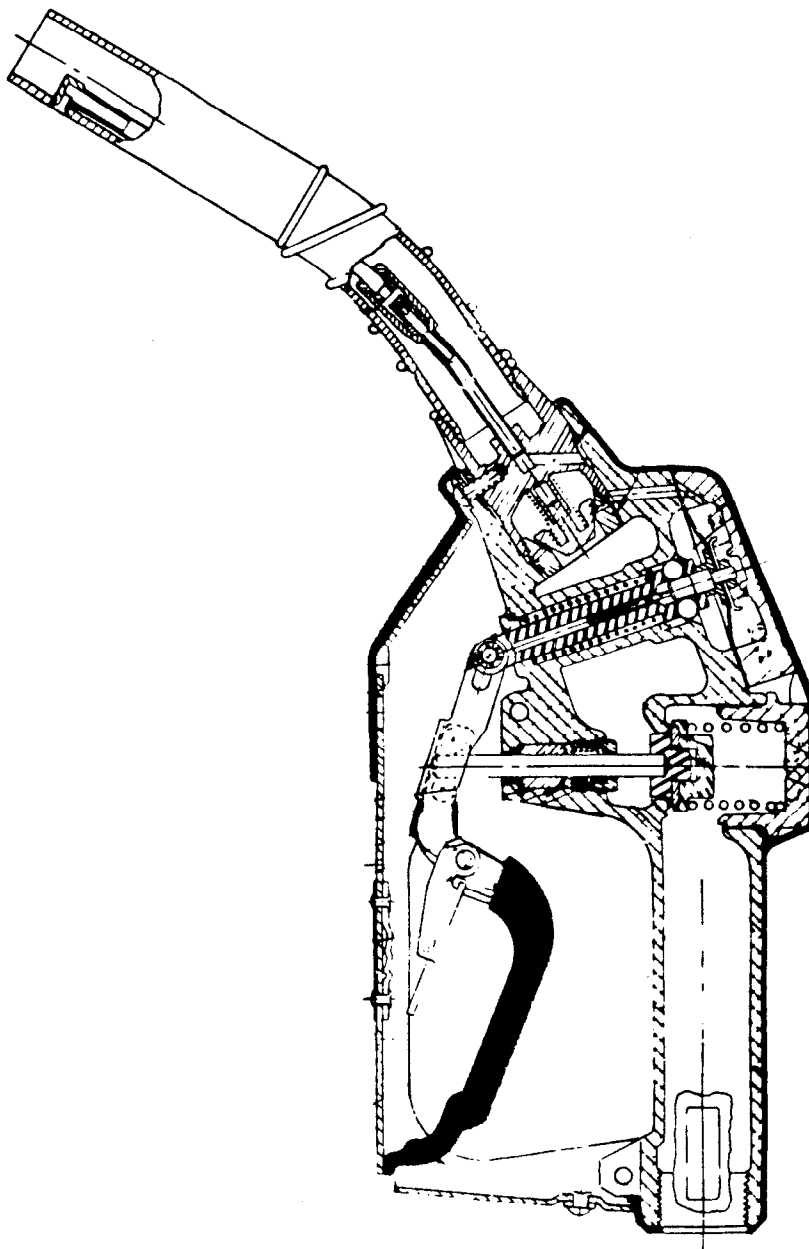
Signed and sealed by a person authorised under Regulation 9 of the National Measurement (Patterns of Measuring Instruments) Regulations to exercise the powers and functions of the Commission under this Regulation.



In Technical Schedule No S3/0 dated 5/8/88, the following should be added to clause 1.2 **Markings**.

"The approval number (NSC No S3/0) must not be marked on a removeable fitting, such as a pipework flange. It shall be permanently marked on either the main body of the nozzle or on a part which is obvious if removed and whose removal makes the nozzle incapable of normal operation (e.g. the manufacturer's trigger guard)."

FIGURE S3/0 - 1



Schematic of Typical Nozzle