



NATIONAL STANDARDS COMMISSION

NATIONAL MEASUREMENT (PATTERNS OF INSTRUMENTS) REGULATIONS

REGULATION 9

SUPPLEMENTARY CERTIFICATE OF APPROVAL No S196

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

Emco Wheaton A2000 Series Driveway Flowmeter Nozzle

submitted by Emco Wheaton Australia Pty Ltd
49 Powers Road
Seven Hills NSW 2147.

CONDITIONS OF APPROVAL

General:

This approval is subject to review on or after 1/7/90.

Instruments purporting to comply with this approval shall be marked NSC No S196.

This approval may be withdrawn if instruments are constructed and used other than in accordance with the drawings and specifications lodged with the Commission.

Special:

The nozzle may be used only as a direct replacement of the existing nozzle, requiring no modifications to the instrument or interlocks.

Signed

Acting Executive Director

Descriptive Advice

Pattern: approved 1/7/85

. Emco Wheaton A2000 series driveway flowmeter nozzle.

Variant: approved 1/7/85

1. A2001 series driveway flowmeter nozzle.

Technical Schedule No S196 describes the pattern and variant 1.

Filing Advice

The documentation for this approval comprises:

Supplementary Certificate of Approval No S196 dated 10/2/86
Technical Schedule No S196 dated 10/2/86 including Test Procedure
Figure 1 dated 10/2/86



NATIONAL STANDARDS COMMISSION

TECHNICAL SCHEDULE No S196

Pattern: Emco Wheaton A2000 Series Driveway Flowmeter Nozzle

Submitter: Emco Wheaton Australia Pty Ltd
49 Powers Road
Seven Hills NSW 2147

1. Description of Pattern

The pattern (Figure 1) is a series of driveway flowmeter nozzles as detailed in Table 1 which may replace the nozzle on any compatible Commission-approved driveway flowmeter.

The nozzle is used only as a direct replacement of the existing nozzle, requiring no modifications to the instrument or interlocks.

1.1 Markings

Nozzles shall be marked with the following data:

Manufacturer's name or mark
Approval number

NSC No S196

2. Description of Variant 1

The A2001 series of nozzles (refer Figure 1 and Table 1) differ from the pattern in that they automatically shut off when the pump pressure drops below 20 kPa, so that on subsequent start-up the nozzle remains closed until the trigger is released from its latch, returned to its closed position and then re-opened.

TABLE 1

Model	Application	Spout Diameter
A2000 - 001	Leaded Fuel	23.81 mm
A2000 - 015	Unleaded Fuel	20.64 mm
A2000 - 020	Truck Nozzle	25.4 mm
A2001 - 001	Leaded Fuel	23.81 mm
A2001 - 002	Unleaded Fuel	20.64 mm

TEST PROCEDURE No S196

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.

Testing of Nozzle

Check that the retaining pressure for the anti-drain valve is not less than 15 kPa.



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NOTIFICATION OF CHANGE

SUPPLEMENTARY CERTIFICATE OF APPROVAL No S196

CHANGE No 1

The following change is made to the approval documentation for the

Emco Wheaton A2000 Series Driveway Flowmeter Nozzle

submitted by Emco Wheaton Australia Pty Ltd
49 Powers Road
Seven Hills NSW 2147.

In Test Procedure No S196 dated 10/2/86, Testing of Nozzle should be rewritten as follows:

"Check the hose dilation and the anti-drain valve of the nozzle in accordance with the relevant procedures set out in the Inspector's Handbook".

Signed

Acting Executive Director

FIGURE S196 - 1



Typical A2000 or A2001 Series Nozzle