



NATIONAL STANDARDS COMMISSION

S249
5/5/89

NATIONAL MEASUREMENT (PATTERNS OF INSTRUMENTS) REGULATIONS

REGULATION 9

SUPPLEMENTARY CERTIFICATE OF APPROVAL No S249

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

Muran Model ME188/MWFM1/2 Driveway Flowmeter Filter

submitted by Ableson Holdings Pty Ltd
(formerly Muran Enterprises)
25 Salacia Mews
Willetton WA 6155.

CONDITIONS OF APPROVAL

This approval is subject to review on or after 1/2/94.
This approval expires in respect of new instruments on 1/2/95.

Instruments purporting to comply with this approval shall be marked NSC No S249.

This approval may be withdrawn if instruments are constructed other than as described in the drawings and specifications lodged with the Commission.

Signed

Executive Director

Descriptive Advice

Pattern: approved 19/1/89

- A Muran model ME188/MWFM1/2 flowmeter filter for use in Commission-approved driveway flowmetering systems.

Technical Schedule No S249 describes the pattern.

Filing Advice

The documentation for this approval comprises:

Supplementary Certificate of Approval No S249 dated 5/5/89
Technical Schedule No S249 dated 5/5/89 (incl. Test Procedure)
Figure 1 dated 5/5/89



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TECHNICAL SCHEDULE No S249

Pattern: Muran Model ME188/MWFM1/2 Driveway Flowmeter Filter.

Submittor: Ableson Holdings Pty Ltd
25 Salacia Mews
Willetton WA 6155.

1. Description of Pattern

The pattern is a Muran model ME188/MWFM1/2 filter which may be used in Commission-approved driveway flowmetering systems, and is designed for full flow filtering of liquid hydrocarbon products, except LPG. The filter is an "add-on" in-line unit (Figure 1) which is normally external to the housing, and which shall be between the normal outlet point from the meter and the fitted outlet device (e.g. hose or fixed pipework).

1.1 Specifications

While the filter is primarily designed for operation with instruments dispensing distillate products operating over flow rates of 15 L/min to 95 L/min, it may be used with any product meeting the specifications below.

The filter is suitable for use with products with a viscosity range of 1.0 to 20 mPa.s up to a flow rate of 95 L/min and with the pump providing a maximum pressure of not more than 350 kPa.

1.2 Markings

Instruments are marked with the following data, together in one location:

Manufacturer's name or mark
Model number
NSC approval number
Pressure rating
Flow rate range

NSC No S249
... kPa
... L/min to ... L/min

TEST PROCEDURE

Instruments should be tested in accordance with any relevant tests in the Inspector's Handbook and in conjunction with any tests specified in the approval documents for the driveway flowmeters to which this instrument is connected.

The results shall not exceed the maximum permissible errors specified in Document 118, Second Edition, October 1986.

FIGURE S249 - 1



Muran Model ME188/MWFM1/2 Filter