NATIONAL STANDARDS COMMISSION

NATIONAL MEASUREMENT (PATTERNS OF INSTRUMENTS) REGULATIONS
REGULATION 9
SUPPLEMENTARY CERTIFICATE OF APPROVAL No S217

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

Neptune Model 841 Bulk Flowmeter Indicator

submitted by Norman J Hurll & Company (Australia) Pty Ltd
14 Aristoc Road
Glen Waverley Victoria 3150.

CONDITIONS OF APPROVAL

This approval is subject to review on or after 1/10/91.
This approval expires in respect of new instruments on 1/10/92.

Instruments purporting to comply with this approval shall be marked NSC No S217 in addition to the approval number of the pattern/s to which they are connected.

This approval may be withdrawn if instruments are constructed and used other than as described in the drawings and specifications lodged with the Commission.

Any additional auxiliary devices used with this instrument shall comply with the requirements of General Supplementary Certificate No S1/0.

Signed

Executive Director

Descriptive Advice

Pattern: approved 30/9/86

- Neptune model 841 bulk flowmeter indicator.

Variant: approved 30/9/86

1. Model 843 indicator/printer.

Technical Schedule No S217 describes the pattern and variant.

Filing Advice

The documentation for this approval comprises:

Supplementary Certificate of Approval No S217 dated 1/12/86
Technical Schedule No S217 dated 1/12/86 (including Test Procedure)
Figure 1 dated 1/12/86

NATIONAL STANDARDS COMMISSION

TECHNICAL SCHEDULE No S217

Pattern: Neptune Model 841 Bulk Flowmeter Indicator.

Submittor: Norman J Hurll (Australia) Pty Ltd
14 Aristoc Road
Glen Waverley Victoria 3150.

1. Description of Pattern

Neptune model 841 zero-start mechanical indicator, with integral change-gear calibration system, which may be fitted to any compatible Commission-approved bulk flow-meter, in either mobile or fixed installations.

The indicator has five elements indicating volume in 1 litre increments with the first element marked and numbered 0 to 9 (Figure 1). To reset the indicator to zero, the handle is rotated in the clockwise direction; a shutter covers the indicator elements until resetting is completed.

The maximum speed of rotation of the right-hand element of the indicator shall not exceed 200 rpm.

Volume (resettable)	99999 in 1 litre increments
Totaliser	99999999 in 1 litre increments

1.1 Markings

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

Manufacturer's name or mark
NSC approval number NSC No S217
Model number
Serial number

1.2 Verification Provision

Provision is made for the application of a verification mark.

2. Description of Variant 1

The indicator may be fitted with a zero-start or accumulative-start printer, in which case it is known as a model 843 indicator/printer (Figure 1).

The maximum speed of rotation of the right-hand element of the indicator/printer, which uses 1 litre increments, shall not exceed 200 rpm.

TEST PROCEDURE

Instruments should be tested in conjunction with any tests specified in the approval documentation for the patterns to which they are connected.

The results shall not exceed the maximum permissible errors as specified in Document 118.

FIGURE S217 - 1

Neptune Model 843 Indicator/printer