

National Standards Commission



Supplementary Certificate of Approval

No S216A

Issued under Regulation 9
of the
National Measurement (Patterns of Measuring Instruments) Regulations

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

Veeder-Root 7671 Series Pulse Generator

submitted by Veeder-Root (Australia) Pty Ltd
82 Herald Street
Cheltenham VIC 3150.

This Certificate is issued upon completion of a review of NSC approval No S216.

CONDITIONS OF APPROVAL

This approval is subject to review on or after 1/10/97.
This approval expires in respect of new instruments on 1/10/98.

Instruments purporting to comply with this approval shall be marked NSC No S216A and only by persons authorised by the submitter.

Instruments incorporating a component purporting to comply with this approval shall be marked NSC No S216A in addition to the approval number of the instrument.

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 Commission 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 the Commission's Document 106.

The Commission reserves the right to examine any instrument or component of an instrument purporting to comply with this approval.

DESCRIPTIVE ADVICE

Pattern: approved 16/9/92

- A Veeder-Root 7671 series pulse generator for use in any compatible Commission-approved liquid measuring system.

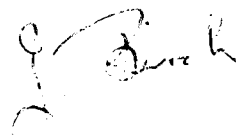
Technical Schedule No S216A describes the pattern.

FILING ADVICE

The documentation for this approval comprises:

Supplementary Certificate of Approval No S216A dated 15/12/92
Technical Schedule No S216A dated 15/12/92 (incl. Test Procedure)
Figure 1 dated 15/12/92

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.

A handwritten signature in black ink, appearing to read 'J. D. ...', is written over a faint circular stamp or seal.



National Standards Commission

TECHNICAL SCHEDULE No S216A

Pattern: Veeder-Root 7671 Series Pulse Generator.

Submitter: Veeder-Root (Australia) Pty Ltd
82 Herald Street
Cheltenham VIC 3150.

1. Description of Pattern

The pattern is a Veeder-Root 7671 series single or dual channel solid state pulse generator (Figure 1) which produces pulses proportional to volume, when interfaced with any compatible Commission-approved flowmetering system.

1.1 Pulser Specifications

Supply voltage (nominal):	12 volts
Pulses per shaft revolution:	100 pulses/revolution single channel or 50 pulses/revolution dual channel
Maximum pulser shaft speed:	600 revolutions/minute
Output pulses:	Positive rectangular waveform

1.2 Installation

The instrument may be installed in either a mobile or fixed installation and may be connected to any compatible Commission-approved digital flowmeter indicator.

1.3 Markings

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

Manufacturer's name or mark	
Model number	
Serial number	
Approval number	NSC No S216A

1.4 Verification/Certification Provision

Provision is made for a verification/certification mark to be applied.

TEST PROCEDURE

The maximum permissible shaft revolution of the pulse generator and the maximum flow rate of the flowmetering system shall be considered in conjunction with any tests specified in the approval documentation for the instrument to which the pattern is connected, as appropriate, and in accordance with any relevant tests specified in the Inspectors' Handbook.

The maximum permissible errors applicable are those applicable to the system to which the instrument approved herein is fitted, as stated in the approval documentation for the system.

FIGURE S216A - 1



Veeder-Root 7671 Series Pulse Generator