



S216  
24/5/88

# NATIONAL STANDARDS COMMISSION

## NATIONAL MEASUREMENT (PATTERNS OF INSTRUMENTS) REGULATIONS

### REGULATION 9

#### SUPPLEMENTARY CERTIFICATE OF APPROVAL No S216

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

Veeder-Root 767191 Series Flowmeter Pulse Generator

submitted by Veeder-Root (Australia) Pty Ltd  
82 Herald Street  
Cheltenham 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 S216.

This approval may be withdrawn if instruments are constructed other than as described in the drawings and specifications lodged with the Commission.

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

- A Veeder-Root 767191 series pulse generator for use with any compatible Commission-approved flowmetering system.

Technical Schedule No S216 describes the pattern.

#### Filing Advice

The documentation of this approval comprises:

Supplementary Certificate of Approval No S216 dated 24/5/88  
Technical Schedule No S216 dated 24/5/88 (incl. Test Procedure)  
Figure 1 dated 24/5/88



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## TECHNICAL SCHEDULE No S216

Pattern: Veeder-Root 767191 Series Pulse Generator.

Submittor: Veeder-Root (Australia) Pty Ltd  
82 Herald Street  
Cheltenham Victoria 3150.

### 1. Description of Pattern

The pattern is a Veeder-Root 767191 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 S216

#### 1.4 Verification Provision

Provision is made for a verification mark to be applied.

## TEST PROCEDURE No S216

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 flowmeter to which this instrument is connected.

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

FIGURE S216 - 1



Yeeder-Root Pulse Generator