

# National Standards Commission



## Supplementary Certificate of Approval

**No S295**

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

Cim-Tek Model 200E Driveway Flowmeter Filter

submitted by   Metric Calibration Services Pty Ltd  
                  4B Melissa Street  
                  Auburn   NSW   2144.

**NOTE:** This Certificate relates to the suitability of the pattern of the instrument for use for trade only in respect of its metrological characteristics. This Certificate does not constitute or imply any guarantee of compliance by the manufacturer or any other person with any requirements regarding safety.

### CONDITIONS OF APPROVAL

This approval is subject to review on or after 1/3/98.  
This approval expires in respect of new instruments on 1/3/99.

Instruments purporting to comply with this approval shall be marked NSC No S295 and only by persons authorised by the submitter.

Instruments incorporating a component purporting to comply with this approval shall be marked NSC No S295 in addition to the approval number of the instrument.

It is the submitter'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.

**Special:**

Filters installed AFTER the meter shall not be fitted with a draincock.

**DESCRIPTIVE ADVICE**

**Pattern:** approved 22/2/93

- . The pattern is a Cim-Tek model 200E filter which may be used in any Commission-approved driveway flowmeter.

**Variant:** approved 22/2/93

1. Other models of the 200, 250, 260, 300 and 800 series filters.

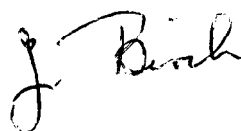
Technical Schedule No S295 describes the pattern and variant 1.

**FILING ADVICE**

The documentation for this approval comprises:

Supplementary Certificate of Approval No S295 dated 31/3/93  
Technical Schedule No S295 dated 31/3/93 (incl. Test Procedure)  
Figure 1 dated 31/3/93

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.





## National Standards Commission

### TECHNICAL SCHEDULE No S295

**Pattern:** Cim-Tek Model 200E Driveway Flowmeter Filter.

**Submitter:** Metric Calibration Services Pty Ltd  
4B Melissa Street  
Auburn NSW 2144.

#### 1. Description of Pattern

The pattern is a Cim-Tek model 200E filter which may be used in a Commission-approved driveway flowmeter (Figure 1).

##### 1.1 Specifications

The filter may be used with liquid hydrocarbon products, except LPG, at flow rates up to the maximum specified in the Commission's approval documents for the driveway flowmeter to which it is fitted.

##### 1.2 Installation

The pattern may be installed either within or external to the driveway flowmeter housing, and either before or after the meter.

**NOTE:** Filters installed AFTER the meter shall not be fitted with a draincock.

##### 1.3 Markings

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

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

NSC No S295  
..... kPa

#### 2. Description of Variant 1

Other models of the 200, 250, 260, 300 and 800 series filters.

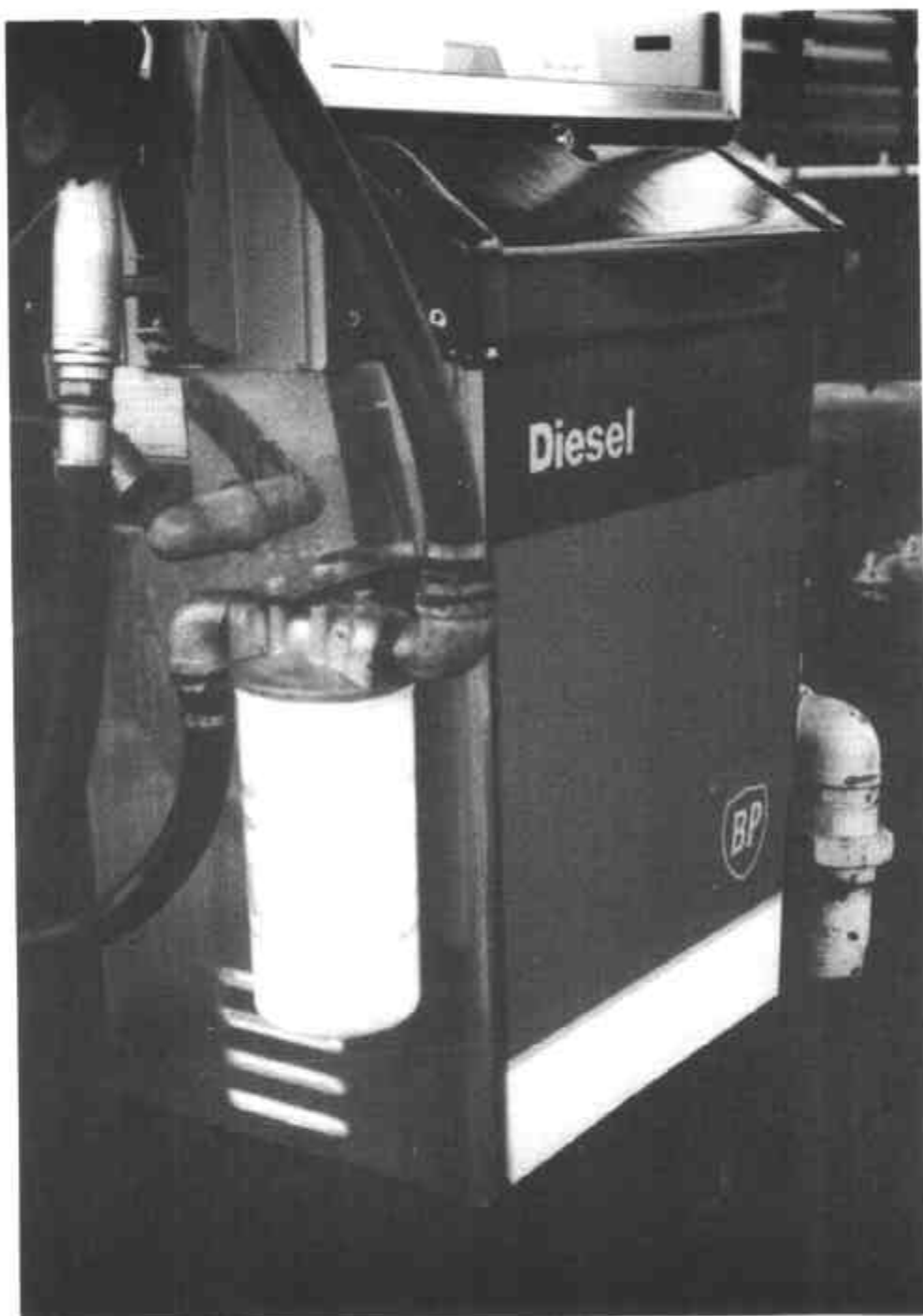
The model number may include a variety of alphanumeric suffixes, e.g. 200AE, 800-HS30.

## TEST PROCEDURE

Instruments shall be tested 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 Inspector's 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 S295 - 1



Typical Cim-Tek Filter Installation