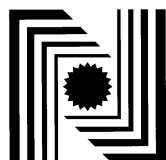


S293  
22 May 2002



## National Standards Commission

12 Lyonpark Road, North Ryde NSW

### Cancellation

### Supplementary Certificate of Approval

### No S293

Issued under Regulation 60  
of the  
National Measurement Regulations 1999

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

Compac Model Commander Driveway Flowmeter Control System

submitted by Compac Industries Limited  
52 Walls Road  
Penrose Auckland  
NEW ZEALAND

has been cancelled in respect of new instruments as from 1 June 2002.

Signed by a person authorised under Regulation 60  
of the National Measurement Regulations 1999 to  
exercise the powers and functions of the Commission  
under this Regulation.



# National Standards Commission



## Supplementary Certificate of Approval

**No S293**

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

Compac Model Commander Driveway Flowmeter Control System

submitted by Compac Industries Limited  
52 Walls Road  
Penrose Auckland New Zealand.

**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 becomes subject to review on 1 January 1998, and then every 5 years thereafter.

Instruments purporting to comply with this approval shall be marked NSC No S293 and only by persons authorised by the submitter.

Instruments incorporating a component purporting to comply with this approval shall be marked NSC No S293 in addition to the approval number of the instrument.

Auxiliary devices used with this instrument shall comply with the requirements of General Supplementary Certificate No S1/0/A.

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.

#### DESCRIPTIVE ADVICE

**Pattern:** approved 4 December 1992

- A Compac Industries model Commander driveway flowmeter control system for use with Commission-approved driveway flowmeters fitted with Compac model C3000H driveway flowmeter indicators.

Technical Schedule No S293 describes the pattern.

**Variants:** approved 26 July 1996

1. For use with a Megabus point of sale system.

Technical Schedule No S293 Variation No 1 describes variant 1.

#### FILING ADVICE

Supplementary Certificate of Approval No S293 dated 19 April 1993 is superseded by this Certificate and may be destroyed. The documentation for this approval now comprises:

Supplementary Certificate of Approval No S293 dated 30 December 1996  
Technical Schedule No S293 dated 19 April 1993 (incl. Test Procedure)  
Technical Schedule No S293 Variation No 1 dated 30 December 1996  
(incl. Notification of Change)  
Figures 1 and 2 dated 19 April 1993  
Figures 3 and 4 dated 30 December 1996

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 S293

**Pattern:** Compac Model Commander Driveway Flowmeter Control System.

**Submittor:** Compac Industries Limited  
52 Walls Road  
Penrose Auckland New Zealand.

#### 1. Description of Pattern

The pattern is a Compac Industries model Commander driveway flowmeter control system for use with Commission-approved flowmetering systems incorporating driveway flowmeters fitted with Compac model C3000H indicators (as described in the documentation of NSC approval No S280).

##### 1.1 Features

The system (Figure 1) may be used with up to 24 driveway flowmeters and includes the following:

- . A DEC model 320 sx LP (or 325 sx LP or 333 sx LP) personal computer, including a keyboard and a VDU which is used as the vendor's indicator (Figure 2);
- . A Commander keypad which is used to execute various transaction functions such as pump authorisation, preset, receipt printing and pump stop;
- . A Compac model CC 1200 or CC 4800 central controller (as described in the documentation of NSC Approval No S277) which has various managerial functions including the facility for centrally setting the unit price of up to 15 grades of fuel; and
- . A remote indicator for the purchaser.

A printer, for the purchaser's receipt, may also be included.

##### 1.2 Markings

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

Manufacturer's name or mark	
Model number	
Serial number	
NSC approval number	S293
Operating (Air) Temperature	5°C to 30°C

### 1.3 Verification/Certification Provision

Provision is made for the application of a verification/certification mark.

#### 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.



## National Standards Commission

TECHNICAL SCHEDULE No S293

VARIATION No 1

**Pattern:** Compac Model Commander Driveway Flowmeter Control System.

**Submittor:** Compac Industries Limited  
52 Walls Road  
Penrose Auckland New Zealand.

### 1. Description of Variant 1

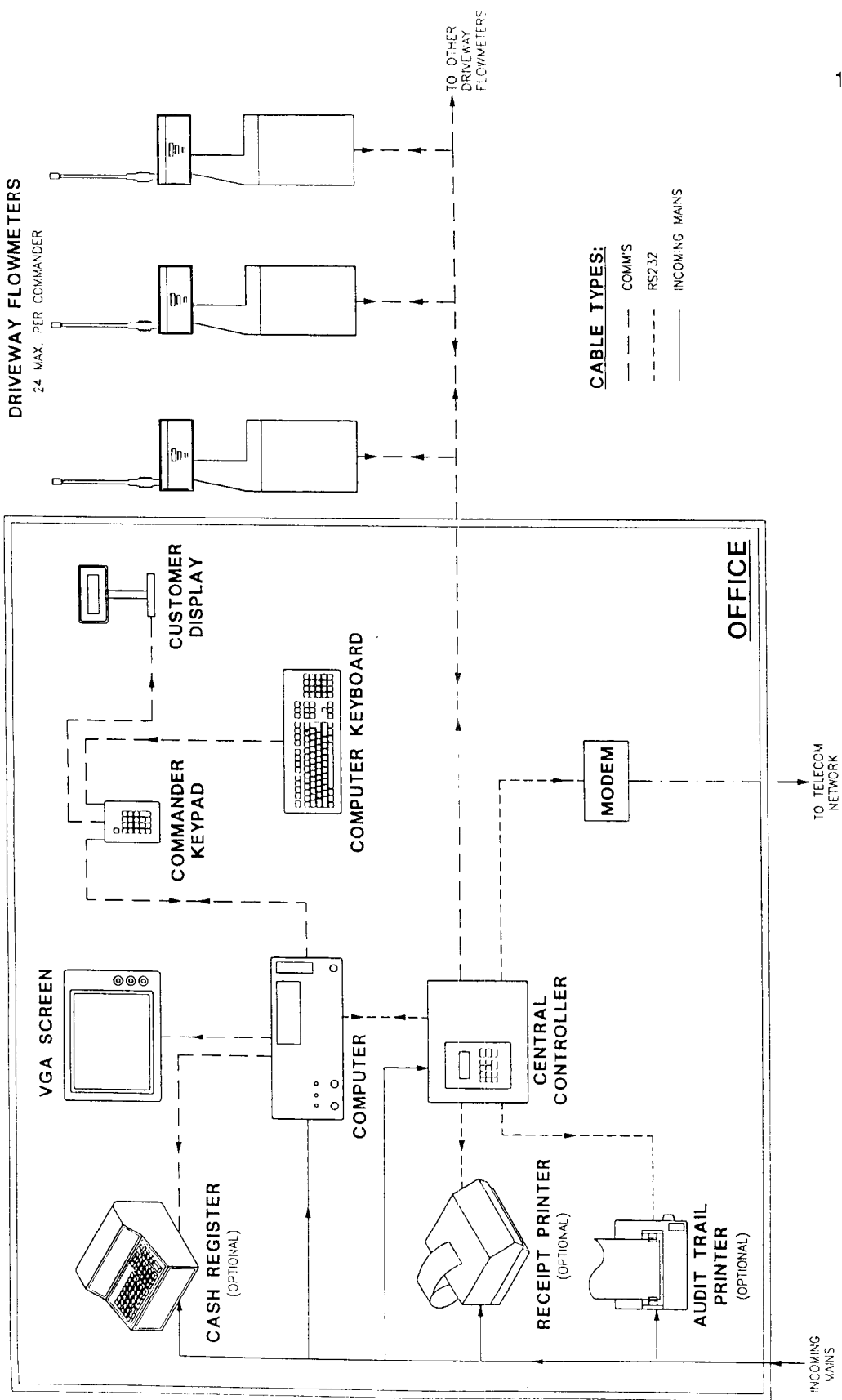
With a Megabus point of sale system (Figures 3 and 4) using ServStat version 5.10 point of sale software replacing the personal computer (including keyboard and VDU) and the Commander keypad described for the pattern (Figure 1).

### NOTIFICATION OF CHANGE

In Technical Schedule No S293 dated 19 April 1993, clause 1.1 **Features** should be amended by changing the first 'bullet point' to read:

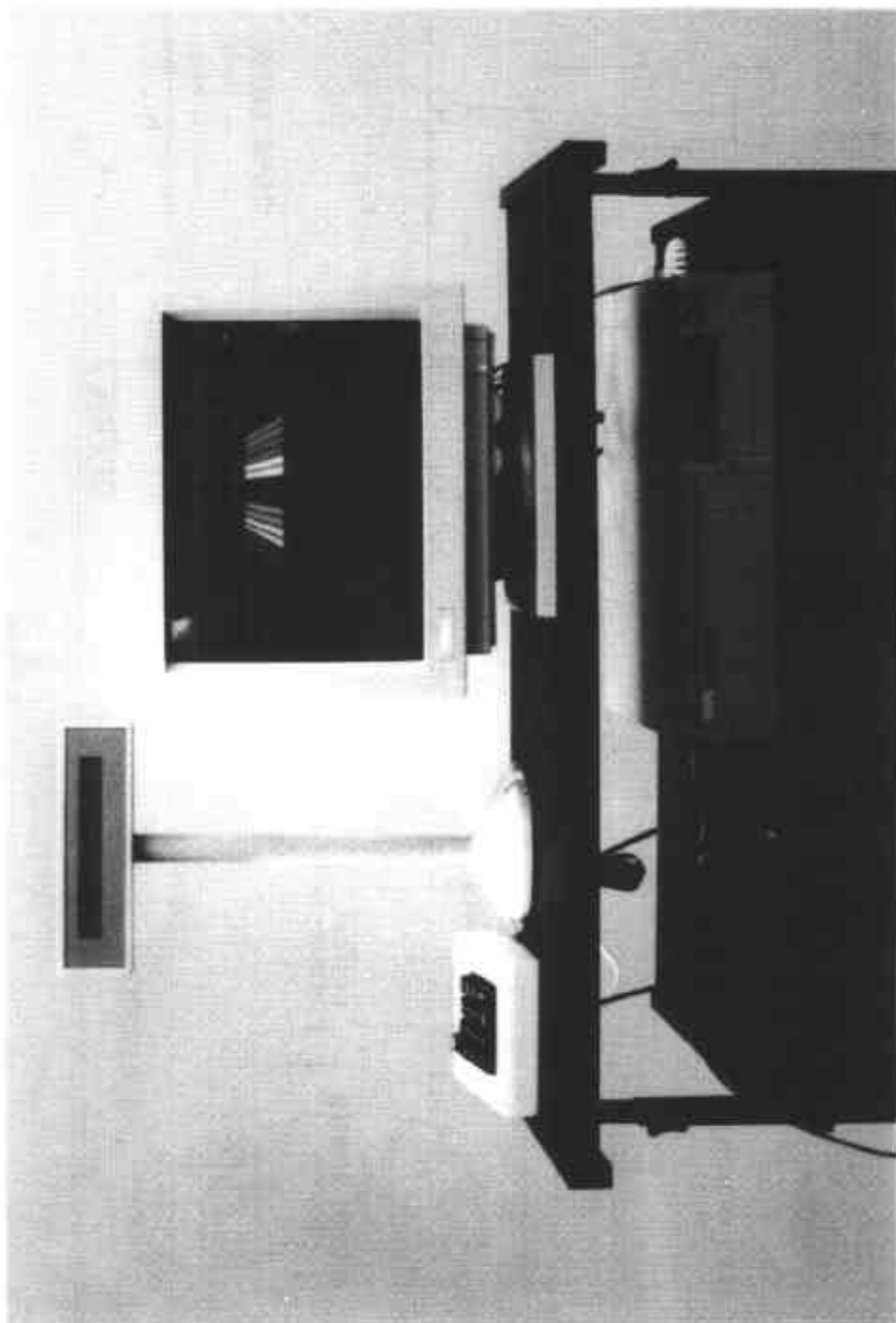
- An 'IBM compatible' personal computer using Compac version 5.2 point of sale software, including a keyboard and a VDU which is used as the vendor's indicator (Figure 2);

FIGURE S293 - 1



A Typical Commander System

FIGURE S293 - 2



Compac Industries Model Commander Keypad,  
Plus DEC Computer and Compac Purchaser's Indicator

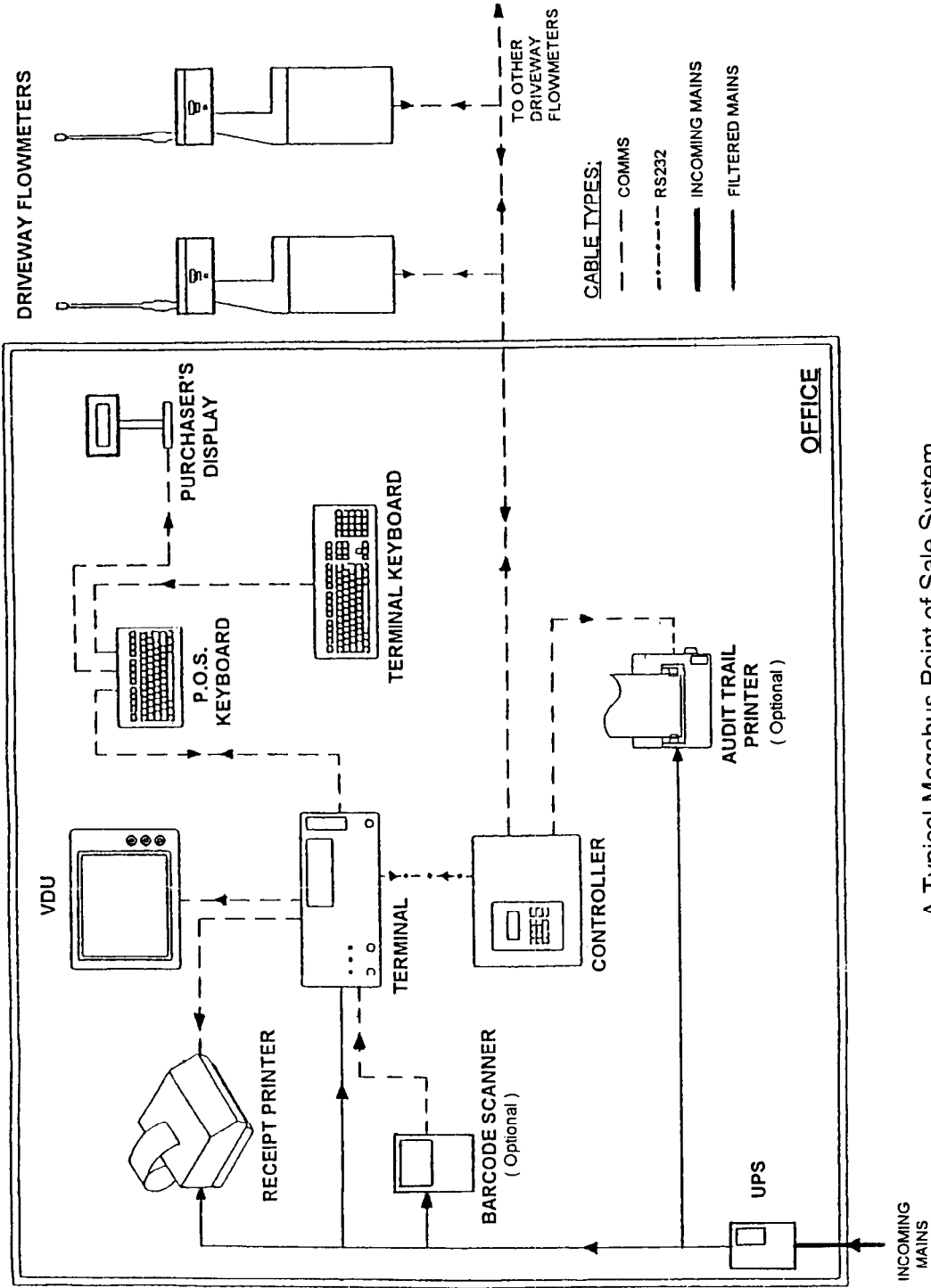


FIGURE S293 - 3



A Typical Megabus Point of Sale System

FIGURE S293 - 4



A Typical Megabus Point of Sale System