

National Standards Commission



Supplementary Certificate of Approval

No S297

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

Fujitsu ICL Model 9518/200 Point-of-sale System

submitted by Fujitsu ICL Retail Systems
607 St Kilda Road
Melbourne VIC 3004.

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 S297 and only by persons authorised by the submittor.

Instruments incorporating a component purporting to comply with this approval shall be marked NSC No S297 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.

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

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

DESCRIPTIVE ADVICE

Pattern: approved 22/2/93

- A Fujitsu ICL model 9518/200 point-of-sale (POS) system connected to a Postec model FCC driveway flowmeter control system.

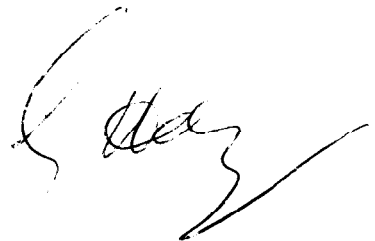
Technical Schedule No S297 describes the pattern.

FILING ADVICE

The documentation for this approval comprises:

Supplementary Certificate of Approval No S297 dated 11/10/93
Technical Schedule No S297 dated 11/10/93 (incl. Test Procedure)
Figures 1 and 2 dated 11/10/93

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.

A handwritten signature in black ink, appearing to be 'S. Day', is written over a large, faint, circular stamp or seal.



National Standards Commission

TECHNICAL SCHEDULE No S297

Pattern: Fujitsu ICL Model 9518/200 Point-of-sale System.

Submittor: Fujitsu ICL Retail Systems
607 St Kilda Road
Melbourne VIC 3004.

1. Description of Pattern

The pattern is a Fujitsu ICL model 9518/200 point-of-sale (POS) system connected to a Postec model FCC driveway flowmeter control system (Figures 1 and 2).

1.1 Features

The system may be used with up to 32 driveway flowmeters, though not all can be displayed simultaneously on one visual display unit (VDU). The main components of the system are listed below:

- (a) One or two Fujitsu ICL model 9518/200 POS terminals, with features including:
- a vendor's indicator and a remote purchaser's indicator
 - a printer for the vendor's record and purchasers receipt
 - cash register facilities
 - a dual-memory facility (optional)

The dual-memory facility allows two transactions to operate simultaneously, i.e. a second transaction may be carried out while a previous transaction which has not yet been completed is retained in memory.

The cash register facilities do not interact with the console facility in any way which would cause an incorrect indication of the measured quantity.

The terminals may be connected in a network enabling sales transactions, including dual-memory operations, to be processed at either terminal.

- (b) A Postec model FCC driveway flowmeter control system including a Postec model FORMAN control console, as described in the documentation of NSC approval No S244, with features including:
- a flowmeter authorisation facility
 - a pump status and operator information display
 - a facility for centrally setting the unit price of up to 10 grades of fuel or other products
 - a postpay facility
 - a pump stop button and an all pumps emergency stop button

1.2 Verification/Certification Provision

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

1.3 Markings

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

| | |
|-----------------------------------|-------------|
| Manufacturer's name or mark | |
| Model number | |
| NSC approval number | NSC No S297 |
| Serial number | |
| Operating (air) temperature range | 0°C to 40°C |

TEST PROCEDURE

Instruments shall be tested in conjunction with any tests specified in the approval documentation for the instruments (control consoles and flowmeters) 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.

For Networked POS Terminals

Make a delivery at any flowmeter. Process the delivery at a POS terminal, but do not finalise (pay-off) the transaction.

Attempt to process the transaction at another terminal; this should not be possible.

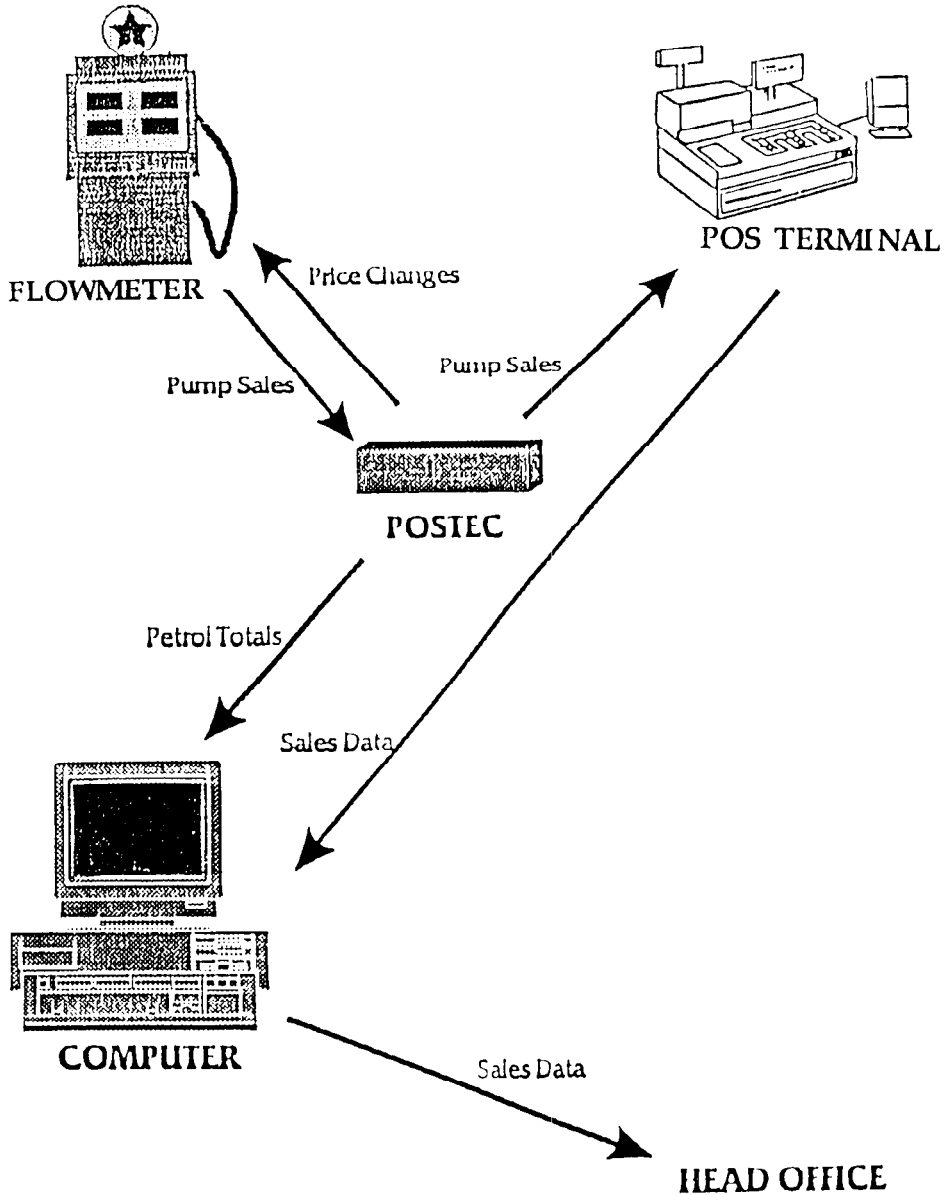
Complete the transaction at the first terminal. Check that the delivery is no longer available for processing at any terminal.

FIGURE S297 - 1



Fujitsu ICL Model 9518/200 Point-of-sale Terminal

FIGURE S297 - 2



Typical Fujitsu ICL 9518/200 System