CANCELLED

PS201
10/12/85

NATIONAL STANDARDS COMMISSION

NATIONAL MEASUREMENT (PATTERNS OF INSTRUMENTS) REGULATIONS

REGULATION 9

PROVISIONAL SUPPLEMENTARY CERTIFICATE OF APPROVAL No PS201

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

AutoTank Model DAC-10 Driveway Flowmeter Control Console

submitted by L M Ericsson Pty Ltd
61 Riggall Street
Broadmeadows Vic 3017.

CONDITIONS OF APPROVAL

General:

This approval is subject to review on or after 1/11/86.

Instruments purporting to comply with this approval shall be marked NSC No PS201.

This approval may be withdrawn if instruments are constructed and used other than as described in the drawings and specifications lodged with the Commission.

Special:

Any additional auxiliary devices used with this instrument shall comply with the requirements of General Supplementary Certificate No S1/0.

Signed

K Adams.

Acting Executive Director

Descriptive Advice

Pattern: provisionally approved 10/10/85

. AutoTank model DAC-10 control console with integral cash register.

Technical Schedule No S201 describes the pattern.

Filing Advice

The documentation for this approval comprises:

Provisional Supplementary Certificate of Approval No PS201 dated 10/12/85
Technical Schedule No S201 dated 10/12/85
Test Procedure No S201 dated 10/12/85
Figure 1 dated 10/12/85

NATIONAL STANDARDS COMMISSION

TECHNICAL SCHEDULE No S201

Pattern: AutoTank Model DAC-10 Driveway Flowmeter Control Console

Submittor: L M Ericsson Pty Ltd
61 Riggall Street
Broadmeadows Vic 3017

1. Description of Pattern

AutoTank model DAC-10 control console (Figure 1) with integral cash register approved for use with up to 15 compatible Commission-approved driveway flowmeters and which may be used in conjunction with the Commission-approved AutoTank CT24 card-operated system or the AutoTank T97 money-operated system.

In addition to the DAC-10 console, the system comprises:

(i) An AutoTank station control unit, used to store and distribute system parameters, to record and transfer transactions, to store and recall background information necessary for system operation.

(ii) A card reader to read purchasers' credit/debit cards as well as system command cards for system control.

(iii) A remote purchaser display unit.

(iv) Up to four pump control units which are required for driveway flowmeters incorporating mechanical indicators.

(v) A printer and a purchaser PIN entry keypad (optional).

(vi) Up to four system control panels which allow the operator to disconnect any of the driveway flowmeters from the DAC-10 system (optional).

1.1 Operational Features

(i) Self-serve/Automatic Release Mode:

The availability of an individual driveway flowmeter is indicated on the console by a green start light corresponding to each driveway flowmeter.

When the nozzle is lifted the start light goes out and a corresponding red light flashes until delivery is complete.

When the nozzle is replaced the red light stops flashing but remains illuminated until the transaction is registered.

(ii) Self-serve/Operator Release Mode:

Removing the nozzle from its hung-up position will cause the corresponding green start light to flash and an audible alarm will sound until the driveway flowmeter is authorised and the pump motor starts. At this time the start light will go out and the corresponding red light will flash, thereafter the sequence of events is the same as for automatic release.

If the operator authorises the driveway flowmeter prior to the nozzle being lifted, the corresponding green start light will become illuminated and the sequence of events thereafter is the same as for automatic release.

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(iii) Terminal Control

Driveway flowmeters connected to card or money-operated terminals are indicated on the console by a corresponding AUTOMATIC light being illuminated.

(iv) Mode of Operation

The allocation and control configurations of the driveway flowmeters are field programmable into the selectable modes 0 to 3; where mode 0 disables the driveway flowmeters and modes 1 to 3 are programmed with the vendors site control requirements. To change the mode of operation, the keys marked X and DAT are used, then a special card is wiped through the card reader followed by the entry of a digit 0 to 3 corresponding to the mode required.

(v) Unit price change

The unit price change may be performed from the DAC-10 console using the keys marked X and DAT followed by code and data entry. The unit price may be set to change automatically at different times of the day or on a set date.

1.2 Markings

The AutoTank console is marked with the following data:

Manufacturer's name or mark	
Serial number	
Model number	DAC-10
NSC approval number	NSC No PS201
Year of manufacture	

In addition a notice shall be attached (visible to the operator) stating that the FUEL REG button is to be operated in the presence of the purchaser.

1.3 Verification Provision

Provision is made for a verification mark to be applied on the DAC-10 console and on the purchaser display.

TEST PROCEDURE No S201

The following should be conducted in conjunction with any tests specified in the approval documentation for the driveway flowmeter systems to which this instrument is connected. The results shall not exceed the maximum permissible errors as specified in Document 118.

(a) The keys marked X and BIL are used to check the display segments of the console and purchaser displays.

(b) Before a flowmeter can be re-authorised, the delivery data on the flowmeter is transferred to the console and purchaser displays.

(c) Check that the purchaser display and the ticket issued by the console contain delivery data identical to the driveway flowmeter indicator.

(d) To stop a single flowmeter from the console, press the flowmeter number and then the START/STOP button; a prompt STOP??? will be displayed. To confirm the request press the (clear) C button, and to execute the command press the START/STOP button.

(e) To stop all flowmeters during a delivery, press the numeric button 0 followed by the START/STOP button; a prompt STOP??? will be displayed. To confirm the request press the (clear) C button, and to execute the command press the START/STOP button.

FIGURE S201 - 1

AutoTank DAC-10 Console