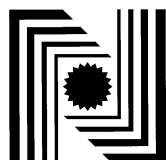


8/58A  
14 November 2002



## National Standards Commission

12 Lyonpark Road, North Ryde NSW

### Cancellation

### Certificate of Approval

**No 8/58A**

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

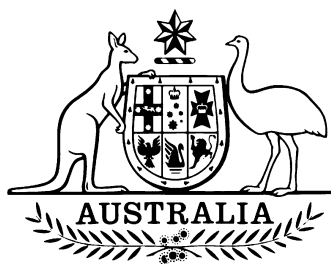
PLC Engineering Model PLC 9000D Milk Tank

submitted by PLC Engineering Pty Ltd  
4 Dreamhaven Court  
Epping VIC 3076

has been cancelled in respect of new instruments as from 1 December 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

12 Lyonpark Road, North Ryde NSW

### Certificate of Approval

**No 8/58A**

Issued under Regulation 60  
of the  
National Measurement Regulations 1999

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

PLC Engineering Model PLC 9000D Milk Tank

submitted by PLC Engineering Pty Ltd  
4 Dreamhaven Court  
Epping VIC 3076.

**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.

This Certificate is issued upon completion of a review of NSC approval No 8/58.

### CONDITIONS OF APPROVAL

This approval becomes subject to review on 1 February 2007, and then every 5 years thereafter.

Instruments purporting to comply with this approval shall be marked NSC No 8/58A and only by persons authorised by the submitter.

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 NSC P 106.

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

### DESCRIPTIVE ADVICE

**Pattern:** approved 9 January 2002

- A PLC Engineering model PLC 9000D vertical cylindrical refrigerated milk tank of 9000 L capacity.

**Variant:** approved 9 January 2002

1. Model PLC 7000D of 7000 L capacity.

Technical Schedule No 8/58A describes the pattern and variant 1.

### FILING ADVICE

The documentation for this approval comprises:

Certificate of Approval No 8/58A dated 6 June 2002  
Technical Schedule No 8/58A dated 6 June 2002 (incl. Table 1 and Test Procedure)  
Figure 1 dated 6 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.

A handwritten signature in black ink, consisting of a large, stylized initial 'P' followed by several loops and a long horizontal stroke extending to the right.

## TECHNICAL SCHEDULE No 8/58A

**Pattern:** PLC Engineering Model PLC 9000D Milk Tank.

**Submittor:** PLC Engineering Pty Ltd  
4 Dreamhaven Court  
Epping VIC 3076.

### 1. Description of Pattern

A PLC Engineering model PLC 9000D vertical cylindrical refrigerated milk tank of 9000 L capacity (Figure 1 and Table 1) incorporating a dipstick for the measurement of the volume.

#### 1.1 Details

- (i) The tank is a vertical stainless steel cylinder sheathed in an outer casing of stainless steel; the cavity between is filled with insulating material. The bottom of the tank slopes towards the centrally located outlet valve.
- (ii) The dipstick is graduated in 20 L increments.
- (iii) Levelling is effected by means of 6 adjustable legs with reference to the three datum level marks permanently marked on the tank. Each leg has an integral footplate with provision for fixing to the floor, and sealing, after levelling.
- (iv) A top-mounted access hole is provided. A ladder is fitted to the tank to allow access to the dipstick (Figure 1).
- (v) A milk sampling valve may be fitted to the tank.

#### 1.2 Verification/Certification Provision

Provision is made for a verification/certification mark to be applied to both the tank and to the dipstick.

#### 1.3 Sealing Provision

Provision is made for the adjustable legs to be sealed after the tank has been levelled. Refer clause 1.1 (iii).

#### 1.4 Markings

- (a) The following data is marked on the nameplate permanently attached to the instrument in a clearly visible location:

Manufacturer's mark, or name written in full	PLC Engineering
Model number	.....
Serial number	.....
Pattern approval mark	NSC No 8/58A
Maximum capacity	..... L

(b) The dipstick is marked with the following:

Manufacturer's mark, or name written in full	PLC Engineering
Serial number corresponding to the serial number of the tank	.....
Datum level	..... L
Scale interval	..... L

## 2. Description of Variant 1

A PLC Engineering model PLC 7000D vertical cylindrical refrigerated milk tank of 7000 L capacity.

### TEST PROCEDURE

Instruments should be tested in conjunction with any tests specified in the Inspector's Handbook.

#### **Maximum Permissible Error at Verification/Certification**

The maximum permissible error for milk tanks incorporating a dipstick is  $\pm 1$  scale interval.

FIGURE 8/58A - 1

