



Australian Government

**National Measurement
Institute**

12 Lyonpark Road, North Ryde NSW 2113

**Cancellation
Certificate of
Approval No 8/59A**

Issued by the Chief Metrologist under Regulation 60
of the
National Measurement Regulations 1999

This is to certify that the approval for use for trade granted in approval 8/59A in
respect of the

Mueller Model OE 1600 Milk Tank

submitted by Paul Mueller Company
1600 W. Phelps
Springfield MO 65801-0828
USA

has been cancelled in respect of new instruments as from 1 September 2005.

Signed by a person authorised by the Chief Metrologist
to exercise his powers under Regulation 60 of the
National Measurement Regulations 1999.

A handwritten signature in black ink, appearing to be the initials "JMT" or similar, written in a cursive style.



National Standards Commission

Certificate of Approval

No 8/59A

Issued under Regulation 63
of the
National Measurement Regulations 1999

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

Mueller Model OE 1600 Milk Tank

submitted by Paul Mueller Company
1600 W. Phelps
Springfield MO 65801-0828
USA.

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 8/59.

CONDITIONS OF APPROVAL

This approval becomes subject to review on 1 August 2004, and then every 5 years thereafter.

Instruments purporting to comply with this approval shall be marked NSC No 8/59A 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 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 1 July 1994
re-approved 9 September 1999

- A Mueller model OE 1600 horizontal milk tank of 6040 L capacity.

Variant: approved 1 July 1994
re-approved 9 September 1999

1. Other models and capacities as listed in Table 1.

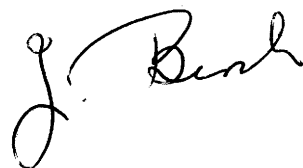
Technical Schedule No 8/59A describes the pattern and variant 1.

FILING ADVICE

The documentation for this approval comprises:

Certificate of Approval No 8/59A dated 22 December 1999
Technical Schedule No 8/59A dated 22 December 1999 (incl. Table 1 &
Test Procedure)
Figure 1 dated 22 December 1999

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.



TECHNICAL SCHEDULE No 8/59A

Pattern: Mueller Model OE 1600 Milk Tank.

Submittor: Paul Mueller Company
1600 W. Phelps
Springfield MO 65801-0828
USA.

1. Description of Pattern

A Mueller model OE 1600 horizontal cylindrical refrigerated milk tank of 6040 L capacity (Figure 1 and Table 1) incorporating a dipstick for the measurement of the volume.

1.1 Details

- (i) The tank is a horizontal stainless steel cylinder sheathed in an outer casing of stainless steel; the cavity between is filled with insulating material.
- (ii) A top mounted access hole is provided at the outlet end of the tank and incorporates a dipstick socket and dipstick.
- (iii) The dipstick is graduated in 20 L increments.
- (iv) Levelling is effected by means of 6 adjustable legs, with reference to the datum level marks permanently marked on the tank. The legs have provision for fixing to the floor, and provision for sealing, after levelling.

1.2 Verification/Certification Provision

Provision is made for the application of 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.

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	Mueller
Model number
Serial number
Pattern approval mark in the form:	NSC No 8/59A
Maximum capacity in the form L

- (b) The dipstick is marked with the following:

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

2. Description of Variant 1

Other models and capacities as listed in Table 1.

TABLE 1

Model	Maximum Capacity (litres)	Number of legs	Scale Interval (litres)
OE 600	2 400	4	5
OE 800	3 060	4	10
OE 1000	3 970	6	10
OE 1350	5 120	6	20
OE 1600	6 040	6	20

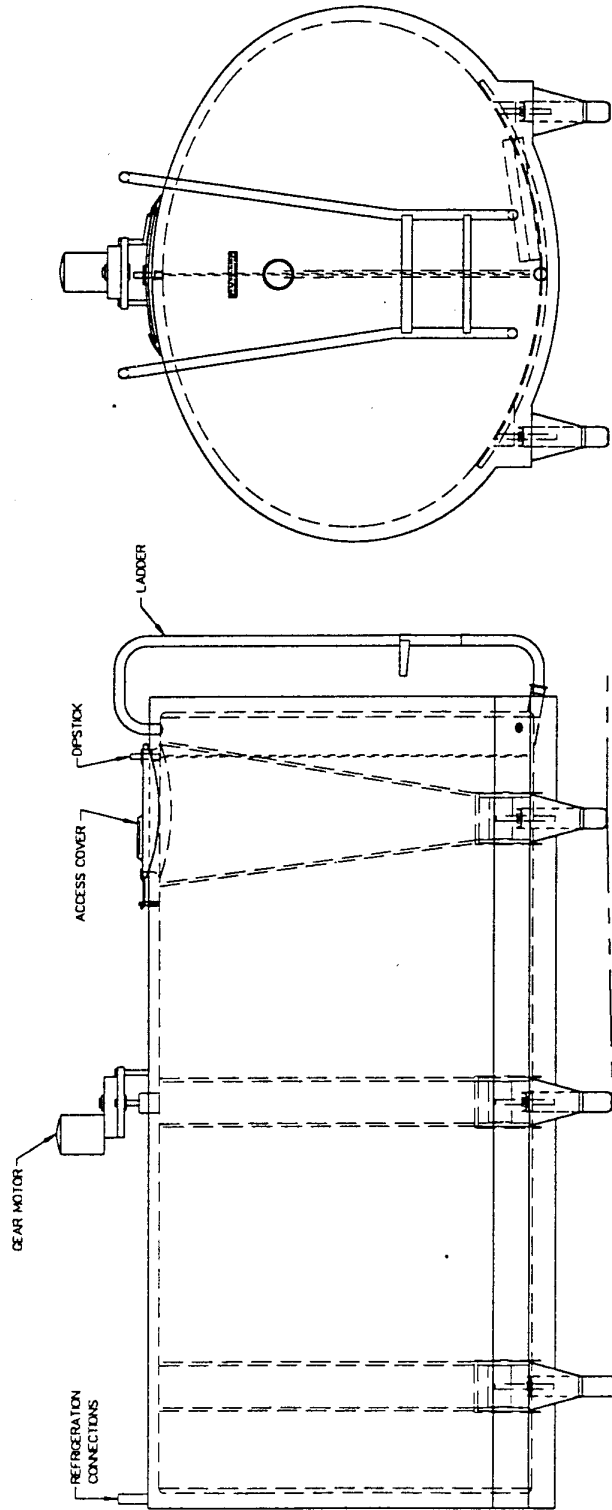
TEST PROCEDURE

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 all scale marks on a dipstick is ± 1 scale interval.

FIGURE 8/59A - 1



Mueller Model OE 1600 Milk Tank