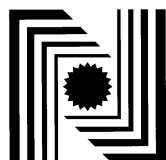
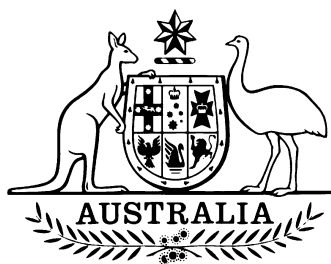


8/67  
17 January 2003



## National Standards Commission

12 Lyonpark Road, North Ryde NSW

### Cancellation

### Certificate of Approval

**No 8/67**

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

Hammond Model 3000 Milk Tank

submitted by Rodney Hammond  
now of  
212 Princes Way  
Drouin VIC 3818

has been cancelled in respect of new instruments as from 1 February 2003.

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

## Certificate of Approval

**No 8/67**

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

Hammond Model 3000 Milk Tank

submitted by Rodney Hammond  
15 Main Neerim Road  
Drouin VIC 3818.

**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 November 2000, and then every 5 years thereafter.

Instruments purporting to comply with this approval shall be marked NSC No 8/67 and only by persons authorised by the submittor.

It is the submittor'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 18 October 1995

- A Hammond model 3000 rectangular milk tank of 4 800 L capacity incorporating a dipstick for the measurement of the volume.

Technical Schedule No 8/67 describes the pattern.

**Variants:** approved 26 April 1999

1. Model 4000 of 6 900 L capacity.

**Variants:** approved 16 July 1999

2. Model 2500 of 3 700 L capacity.

Technical Schedule No 8/67 Variation No 1 describes variants 1 and 2.

### FILING ADVICE

Certificate of Approval No 8/67 dated 22 December 1995 is superseded by this Certificate, and may be destroyed. The documentation for this approval now comprises:

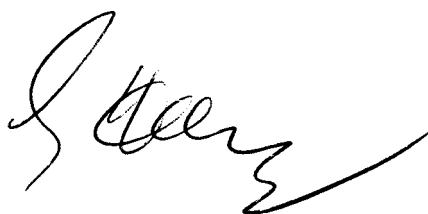
Certificate of Approval No 8/67 dated 27 July 1999

Technical Schedule No 8/67 dated 22 December 1995 (incl. Table 1 & Test Procedure)

Technical Schedule No 8/67 Variation No 1 dated 27 July 1999

Figure 1 dated 22 December 1995

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 'J. Steer', written in a cursive style.



## National Standards Commission

### TECHNICAL SCHEDULE No 8/67

**Pattern:** Hammond Model 3000 Milk Tank.

**Submitter:** Rodney Hammond  
15 Main Neerim Road  
Drouin VIC 3818.

#### 1. Description of Pattern

- A Hammond model 3000 horizontal milk tank of 4 800 L capacity (Figure 1)  
– incorporating a dipstick for the measurement of the volume.

##### 1.1 Details

- (i) The tank is a horizontal stainless steel vessel (rectangular in cross-section). It is sheathed with an outer stainless steel casing which has been insulated.
- (ii) The centrally-located bridge which spans the top of the tank supports an agitator motor and the dipstick in a tapered socket. Two other bridges support the hinged lids.

The dipstick is graduated in 10 L intervals.

- (iii) Levelling is effected by means of 6 adjustable legs with reference to the datum level marks permanently marked on the tank. The widest cross-section of the tank corresponds with the level mark engraved on the rear of the dipstick.

- Each end of the tank has provision for fixing diagonally-opposite legs to the floor, and provision for sealing, after levelling.

- (iv) Provision is made for a CIP (clean-in-place) system for the tank.

##### 1.2 Verification/Certification Provision

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

### 1.3 Markings

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

Manufacturer's name or mark	
Model number	
Serial number	
NSC approval number	NSC No 8/67
Maximum capacity	..... L

The dipstick is marked with the following:

- Manufacturer's name or mark
- Serial number corresponding to the serial number of the tank
- Datum level
- Scale interval

### TEST PROCEDURE

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

#### Maximum Permissible Error at Verification/Certification

The maximum permissible error for all scale marks on the dipstick is  $\pm 1$  scale interval.

## TECHNICAL SCHEDULE No 8/67

### VARIATION No 1

**Pattern:** Hammond Model 3000 Milk Tank.

**Submittor:** Rodney Hammond  
15 Main Neerim Road  
Drouin VIC 3818.

#### 1. Description of Variants

##### 1.1 Variant 1

A Hammond model 4000 rectangular milk tank of 6 900 L capacity incorporating a dipstick for the measurement of the volume.

Tanks are fitted with 6 adjustable legs.

The dipstick is graduated in 20 L increments.

##### 1.2 Variant 2

A Hammond model 2500 rectangular milk tank of 3 700 L capacity incorporating a dipstick for the measurement of the volume.

Tanks are fitted with 4 adjustable legs.

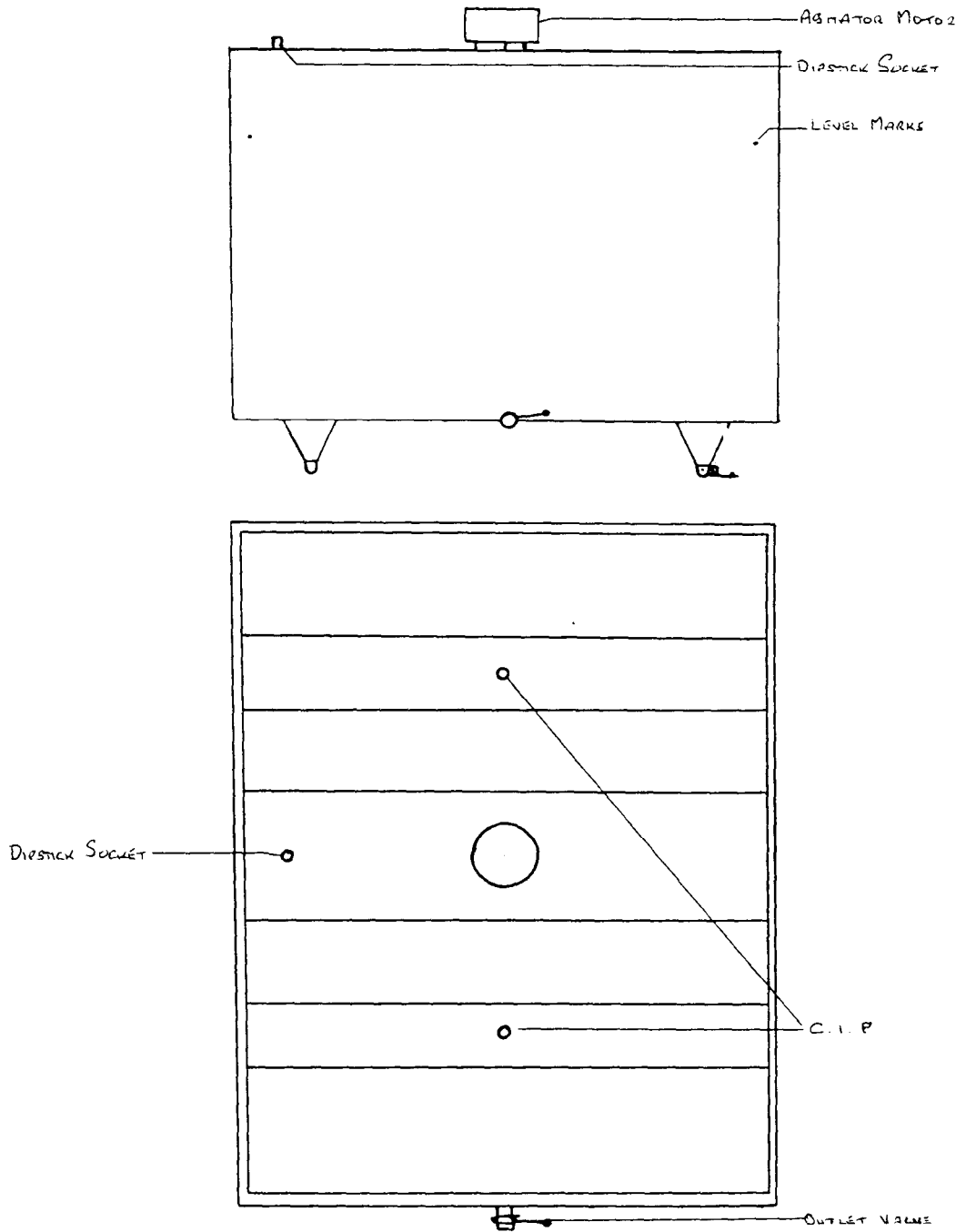
The dipstick is graduated in 10 L increments.

#### NOTIFICATION OF CHANGE

The following changes are made in Technical Schedule No 8/67 dated 22 December 1995.

- (i) Clause **1. Description of Pattern** should be amended by replacing the word 'horizontal' with 'rectangular' in the first sentence.
- (ii) Item (i) of clause **1.1 Details** should be amended by deleting the word 'horizontal' from the first sentence.

FIGURE 8/67 - 1



Hammond Model 3000 Milk Tank