



Australian Government

**National Measurement
Institute**

12 Lyonpark Road, North Ryde NSW 2113

**Cancellation
Certificate of
Approval No 8/55**

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 NSC approval
8/55 in respect of the

Byford Model BFS-10 Milk Tank

submitted by Byford Fabrications Pty Ltd
now of Moama Business Park
Cobb Hwy Moama 2731

has been cancelled in respect of new instruments as from 1 May 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 'J. G. T.', written in a cursive style.

National Standards Commission



Certificate of Approval

No 8/55

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

Byford Model BFS-10 Milk Tank

submitted by Byford Fabrications Pty Ltd
Murray Valley Highway
Strathmerton VIC 3641.

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 1/11/98.
This approval expires in respect of new instruments on 1/11/99.

Instruments purporting to comply with this approval shall be marked NSC No 8/55 and only by persons authorised by the submitter.

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

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.

DESCRIPTIVE ADVICE

Pattern: approved 22/10/93

- A Byford model BFS-10 vertical milk tank of 2300 L capacity incorporating a dipstick for the measurement of the volume.

Variant: approved 22/10/93

1. In other capacities as listed in Table 1.

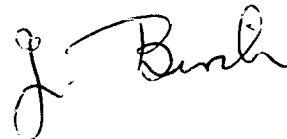
Technical Schedule No 8/55 describes the pattern and variant 1.

FILING ADVICE

The documentation for this approval comprises:

Certificate of Approval No 8/55 dated 28/3/94
Technical Schedule No 8/55 dated 28/3/94 (incl. Table 1 and Test
Procedure)
Figure 1 dated 28/3/94

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.





National Standards Commission

TECHNICAL SCHEDULE No 8/55

Pattern: Byford Model BFS-10 Milk Tank.

Submittor: Byford Fabrications Pty Ltd
Murray Valley Highway
Strathmerton VIC 3641.

1. Description of Pattern

A Byford model BFS-10 vertical milk tank of 2300 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.
- (ii) Levelling is effected by means of 6 adjustable legs with reference to the datum level marks permanently marked on the tank. Each leg has provision for fixing the leg to the floor, after levelling.
- (iii) An access hole is provided in the top of the tank.
- (iv) The dipstick is graduated in 5 L increments. The arrangement of the scale marks shall be in accordance with the Commission's Document 105, *Graduation of Analogue Scales*.

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 data 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
Maximum capacity

NSC No 8/55
..... L

The dipstick is marked with the following data:

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

2. Description of Variant 1

Other capacities as listed in Table 1.

TABLE 1

| Maximum Capacity (litres) | Number of legs | Minimum Graduation Size (litres) |
|------------------------------|-------------------|-------------------------------------|
| 2300 | 6 | 5 |
| 3600 | 6 | 10 |
| 4800 | 6 | 10 |
| 6000 | 6 | 20 |

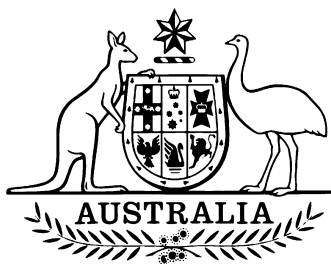
Approved Capacities

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 ± 1 scale interval.



National Standards Commission

12 Lyonpark Road, North Ryde NSW

Notification of Change

Certificate of Approval No 8/55

Change No 1

The following changes are made to the approval documentation for the

Byford Model BFS-10 Milk Tank

submitted by Byford Equipment
Murray Valley Highway
Strathmerton VIC 3641.

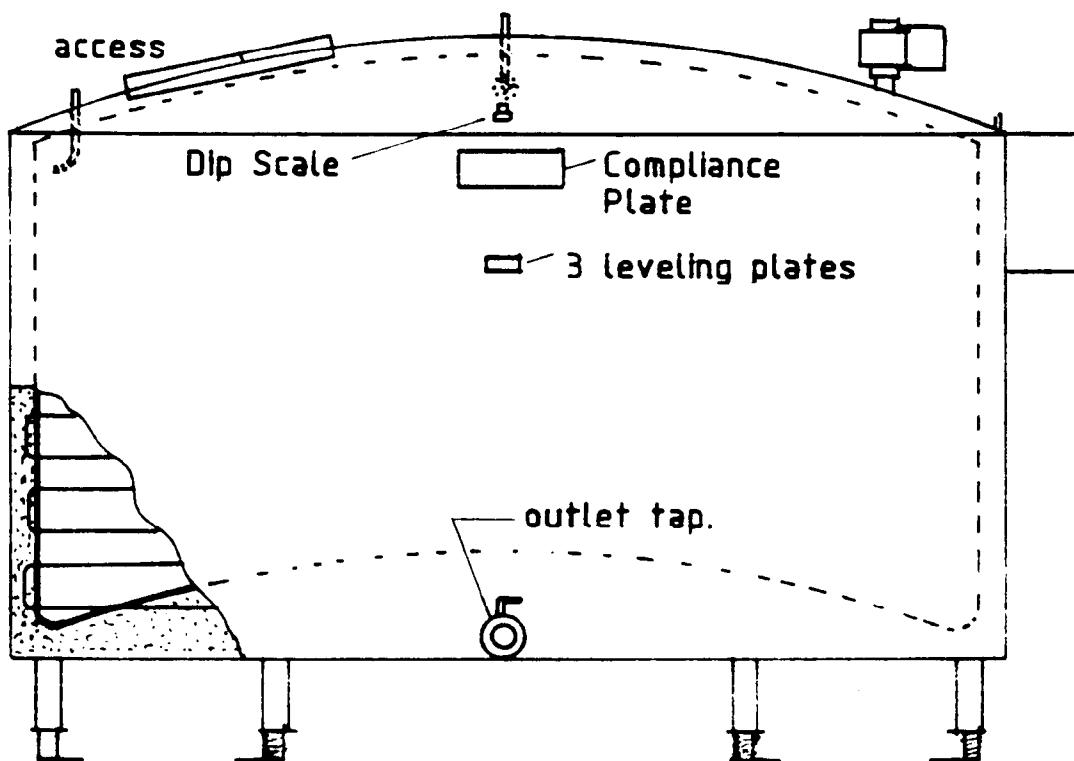
In Certificate of Approval No 8/55 dated 28 March 1994;

1. The Condition of Approval referring to the review of the approval should be amended to read:
"This approval becomes subject to review on 1 November 2003, and then every 5 years thereafter."
2. The Condition of Approval referring to the expiry of the approval should be deleted.

Signed by a person authorised under Regulation 63 of the National Measurement Regulations 1999 to exercise the powers and functions of the Commission under this Regulation.

A handwritten signature in black ink that reads 'Jim Bennett'. The signature is written in a cursive style with a large initial 'J'.

FIGURE 8/55 - 1



Byford Model BFS-10 Milk Tank