



Australian Government

National Standards Commission

12 Lyonpark Road, North Ryde NSW 2113 Australia

Cancellation

Certificate of Approval No 8/75

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

Byford Model BFSS Milk Tank

submitted by Byford Equipment
 90-92 Drummond Road
 Shepparton VIC 3630

has been cancelled in respect of new instruments as from 1 January 2004.

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, appearing to be 'J. G. T.', written in a cursive style.

National Standards Commission



Certificate of Approval

No 8/75

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 BFSS 16 Milk Tank

submitted by Byford Equipment
 90-92 Drummond Road
 Shepparton VIC 3630.

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 May 2002, and then every 5 years thereafter.

Instruments purporting to comply with this approval shall be marked NSC No 8/75 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 3 April 1997

- A Byford model BFSS 16 milk tank of 20 000 L capacity.

Variant: approved 3 April 1997

1. Certain other capacities.

Technical Schedule No 8/75 describes the pattern and variant 1.

FILING ADVICE

The documentation for this approval comprises:

Certificate of Approval No 8/75 dated 21 August 1997

Technical Schedule No 8/75 dated 21 August 1997 (incl. Test Procedure)

Figures 1 and 2 dated 21 August 1997

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 8/75

Pattern: Byford Model BFSS 16 Milk Tank.

Submitter: Byford Equipment
90-92 Drummond Road
Shepparton VIC 3630

1. Description of Pattern

The pattern is a Byford model BFSS 16 vertical milk tank of 20 000 L capacity (Figure 1) incorporating a sight gauge for indicating 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 has a domed base which slopes towards the outlet valve.
- (ii) A milk sampling valve is fitted to the tank
- (iii) The sight-gauge mounted in a vertical position is located in the vicinity of the outlet valve and comprises a plastic sight-tube fitted in a rigid stainless steel support channel fixed to the side of the tank adjacent to a stainless steel scale. The scale has provision for a seal to be attached to the scale mounting assembly. The sight-tube is made of plastic complying with Australian Standard AS 2070 *Plastic materials for food contact use*.
- (iv) The sight-gauge scale is graduated in 50 L increments. The volume represented by the datum level marks is marked on the sight-gauge scale.
- (v) The tank is supported by means of 4 supports pads which are fixed to a stainless steel skirt and base ring around the base of the tank (Figure 2). Levelling is effected by shimming the pads as required with reference to the datum level marks permanently marked on the tank. Each pad has provision for fixing to the floor, and provision for sealing after levelling.
- (vi) A closed CIP (clean in place) system is incorporated for both the tank and the sight-gauge.
- (vii) Access for inspection is provided by a side entry opening.

1.2 Verification/Certification Provision

Provision is made for a verification /certification mark to be applied.

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 8/75
Maximum capacity L

1.4 Sealing Provision

Provision is made for each levelling pad to be sealed after the tank has been levelled.

2. Description of Variant 1

Certain other capacities as listed below, all having 4 levelling support pads and with scale intervals of 50 L.

Approved capacities are: 25 000, 30 000, 35 000, 37 000, 40 000, 45 000 and 50 000.

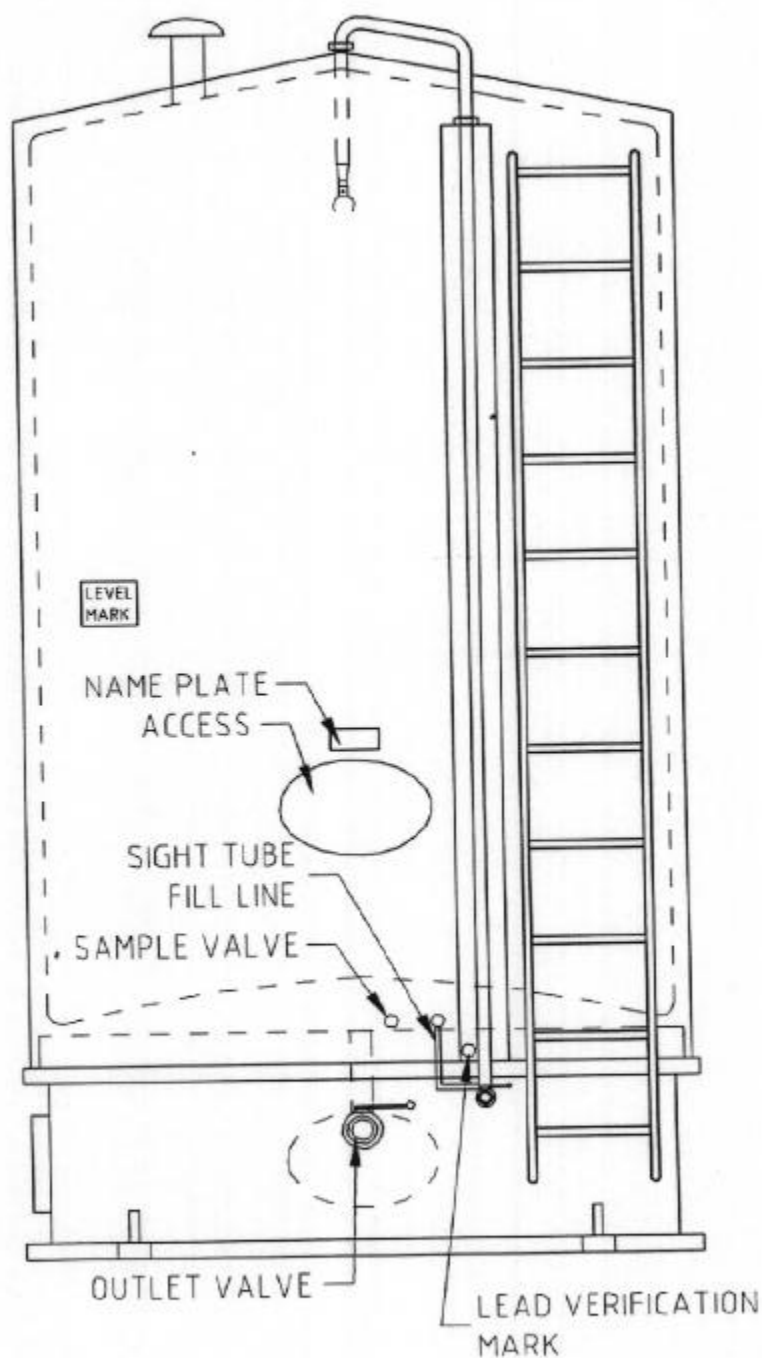
TEST PROCEDURE

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

Maximum Permissible Error at Verification/Certification

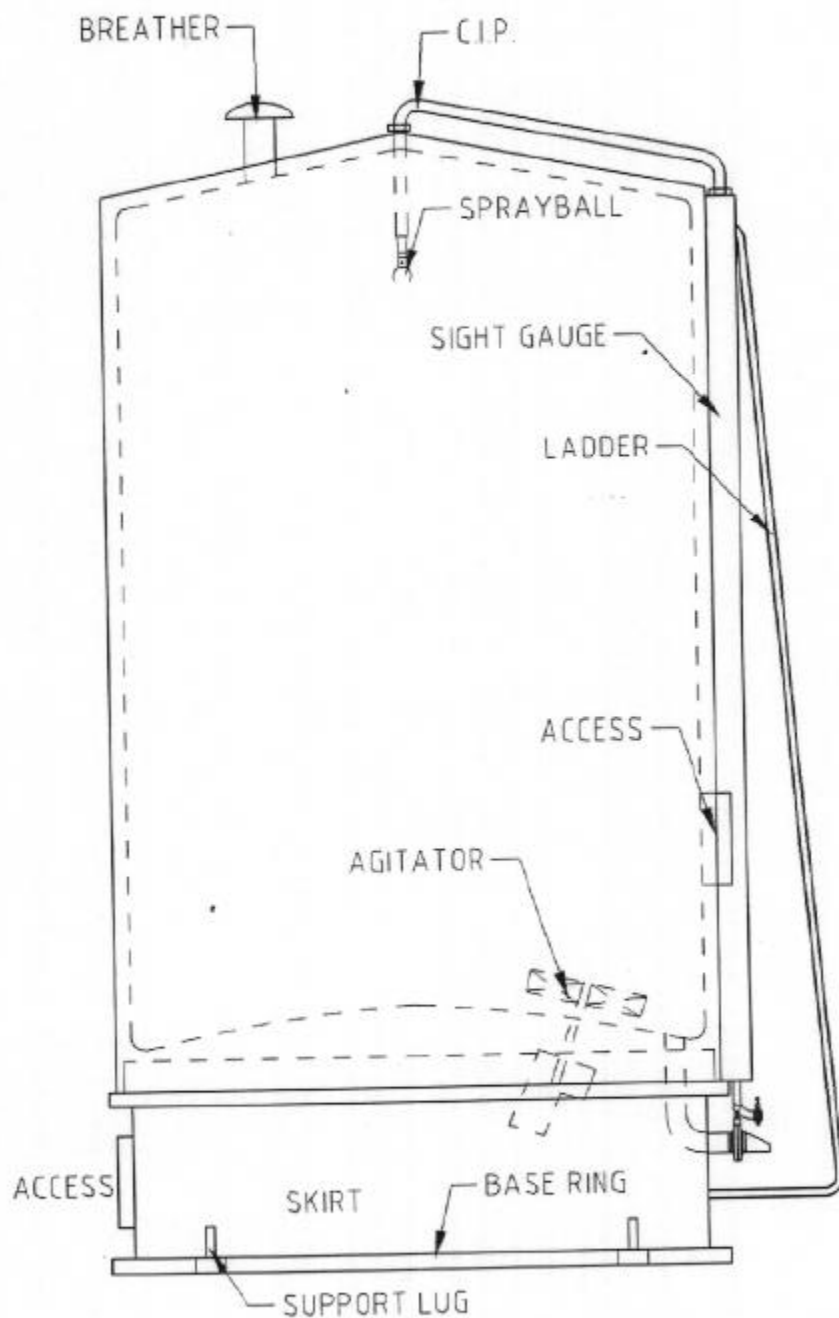
The maximum permissible error for milk tanks incorporating a sight-gauge is ± 1 scale interval.

FIGURE 8/75 - 1



Byford Model BFSS 16 Milk Tank

FIGURE 8/75 - 2



Byford Model BFSS 16 Milk Tank