

National Standards Commission



Certificate of Approval

No 8/70

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

Frigrite Model H 100 D Milk Tank

submitted by Frigrite Kingfisher Group
27 Grange Road
Cheltenham VIC 3192.

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 April 2001.
This approval expires in respect of new instruments on 1 April 2002.

Instruments purporting to comply with this approval shall be marked NSC No 8/70 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 22 March 1996

- A Frigrite model H 100 D horizontal cylindrical refrigerated milk tank of 10 000 L capacity incorporating a dipstick for the measurement of the volume.

Variant: approved 22 March 1996

1. Certain other models and capacities as listed in Table 1.

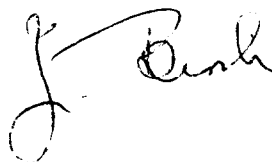
Technical Schedule No 8/70 describes the pattern and variant 1.

FILING ADVICE

The documentation for this approval comprises:

Certificate of Approval No 8/70 dated 31 May 1996
Technical Schedule No 8/70 dated 31 May 1996 (incl. Table 1 and
Test Procedure)
Figure 1 dated 31 May 1996

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. Smith', is written over a faint circular stamp.



National Standards Commission

TECHNICAL SCHEDULE No 8/70

Pattern: Frigrite Model H 100 D Milk Tank.

Submittor: Frigrite Kingfisher Group
27 Grange Road
Cheltenham VIC 3192.

1. Description of Pattern

A Frigrite model H 100 D horizontal cylindrical refrigerated milk tank of 10 000 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. An optional milk-sampling valve may be fitted to the tank.
- (ii) The dipstick is graduated in 20 L increments.
- (iii) Levelling is effected by means of 6 adjustable legs with reference to the datum level marks permanently marked on the tank. Each corner leg has provision for fixing the leg to the floor, and provision for sealing, after levelling.
- (iv) Provision is made for a CIP (clean-in-place) system.
- (v) Access for inspection is provided by a top opening.

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 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
Maximum capacity

NSC No 8/70
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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

Models and capacities as listed in Table 1.

TABLE 1

| Model Number | Maximum Capacity (litres) | Number of legs | Scale Interval (litres) |
|--------------|---------------------------|----------------|-------------------------|
| H 065 D | 6 500 | 4 | 20 |
| H 090 D | 9 000 | 6 | 20 |
| H 120 D | 12 000 | 8 | 20 |
| H 135 D | 13 500 | 8 | 20 |

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 a dipstick is ± 1 scale interval.

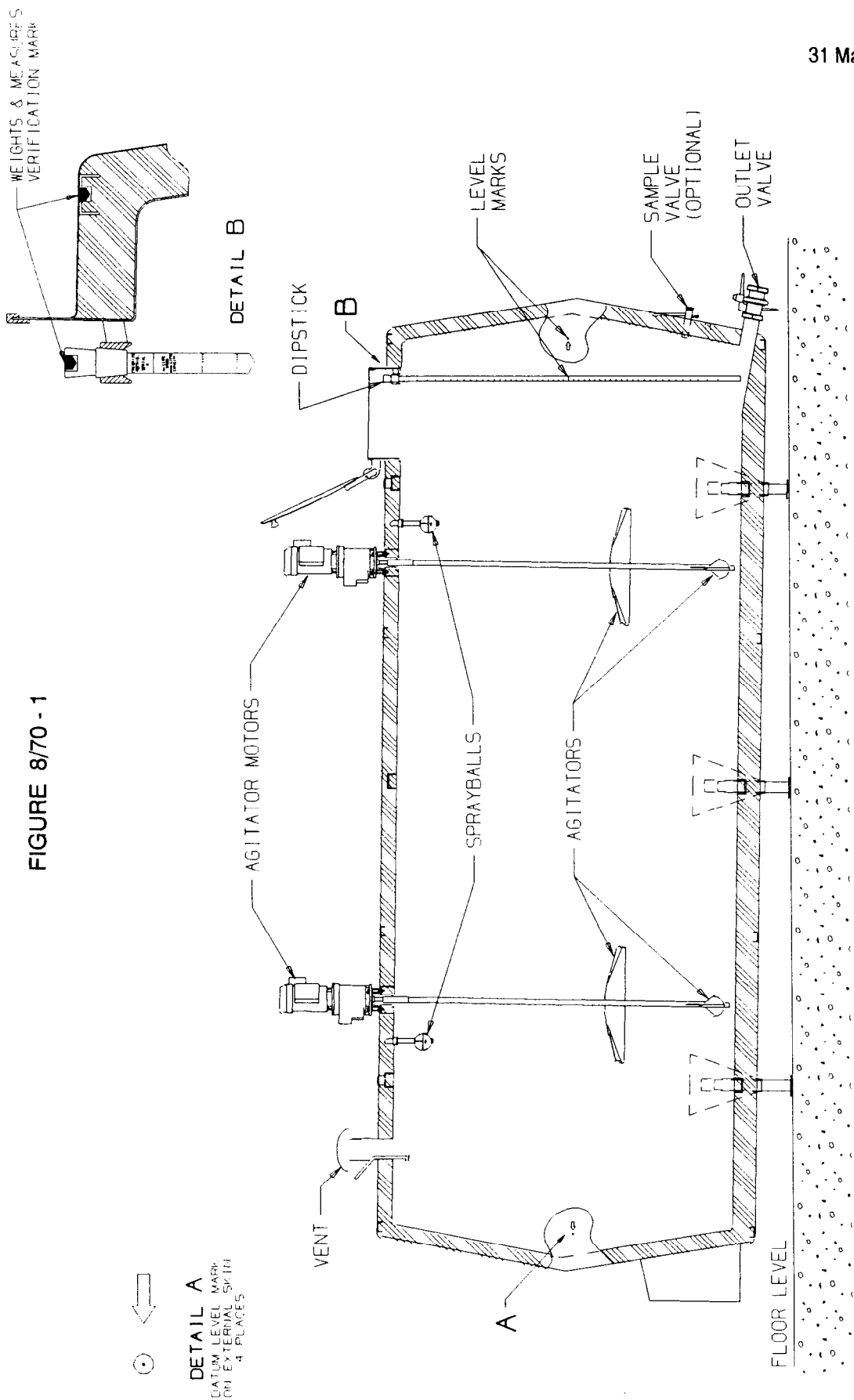


FIGURE 8/70 - 1

Frigrite Model H 100 D Milk Tank