

National Standards Commission



Certificate of Approval

No 8/42

Issued under Regulation 9
of the
National Measurement (Patterns of Instruments) Regulations

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

Knowles Model RMW1 Farm Milk Tank

submitted by RH & NL Knowles
Knowles Road
East Barron QLD 4883.

Signed and sealed by a person authorised under Regulation 9 of the National Measurement (Patterns of Instruments) Regulations to exercise the powers and functions of the Commission under this Regulation.

A handwritten signature in black ink, appearing to read 'J. Birch', is written over a faint circular stamp.

CONDITIONS OF APPROVAL

This approval is subject to review on or after 1/11/95.
This approval expires in respect of new instruments on 1/11/96.

Instruments purporting to comply with this approval shall be marked NSC No 8/42 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 drawings and specification, 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.

Special:

Instruments purporting to comply with this approval shall conform with the relevant requirements of Australian Standard AS 1187-1977 for Refrigerated Farm Milk Tank-units.

DESCRIPTIVE ADVICE

Pattern: provisionally approved 28/8/90 - approved 26/10/90

. A Knowles model RMW1 refrigerated farm milk tank of 13 800 L capacity.

Technical Schedule No 8/42 describes the pattern.

NOTE: This pattern was Provisionally approved on 28/8/90 as certified in Interim Certificate No P8/42 of that date. The Provisional status is hereby removed.

FILING ADVICE

The documentation for this approval comprises:

Certificate of Approval No 8/42 dated 26/11/90
Technical Schedule No 8/42 dated 26/11/90 (incl. Test Procedure)
Figure 1 dated 26/11/90



National Standards Commission

TECHNICAL SCHEDULE No 8/42

Pattern: Knowles Model RMW1 Farm Milk Tank.

Submittor: RH & NL Knowles
Knowles Road
East Barron QLD 4883.

1. Description of Pattern

A Knowles model RMW1 horizontal cylindrical refrigerated farm milk tank (Figure 1) of 13 800 L maximum capacity incorporating a dipstick for the measurement of the volume of the contents.

1.1 Details

- (i) The tank is provided with 4 adjustable legs, each having a footplate with provision for fixing to the floor using Loxins. Each footplate has provision for locking the leg in position and sealing, after the tank has been levelled.
- (ii) An access hole is provided at the outlet end of the tank.
- (iii) The tank is in its prescribed position when it slopes towards the outlet, and the liquid level corresponds with the level mark engraved on the rear of the dipstick and with the level marks on the external surface of each corner of the tank.
- (iv) The dipstick is graduated in accordance with Australian Standard AS 1187-1988.

1.2 Markings

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

Manufacturer's name or mark
Model number
Serial number
NSC approval number
Maximum capacity

NSC No 8/42
..... L

The dipstick is marked with the following data:

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

1.3 Verification Provision

Provision is made for a verification mark to be applied to both the tank and the dipstick.

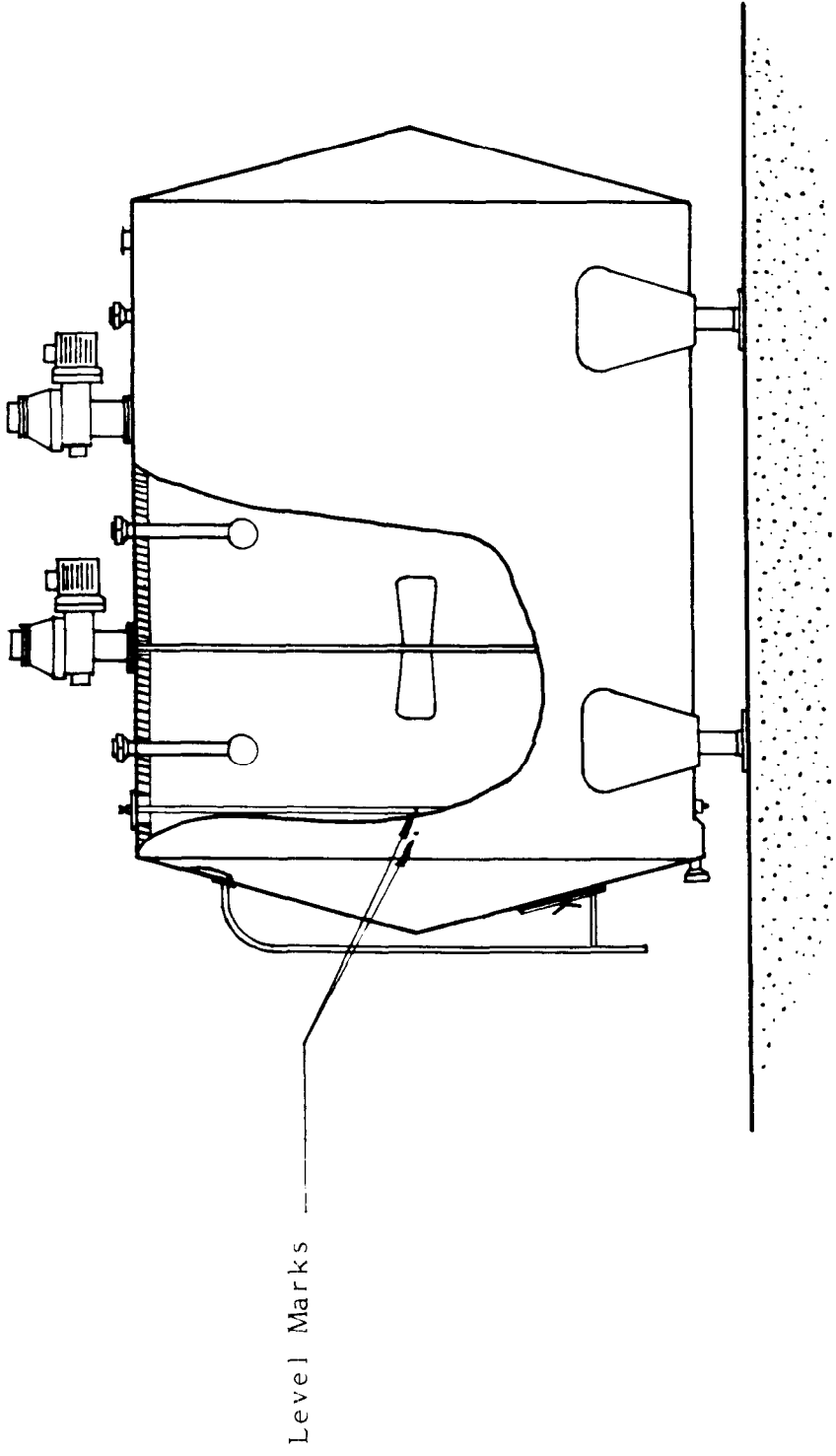
TEST PROCEDURE

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 farm milk tanks incorporating a dipstick is ± 1 scale interval at any scale mark on the dipstick.

FIGURE 8/42 - 1



Knowles Model RMW1 Farm Milk Tank