8/72
22 May 2002

National Standards Commission

12 Lyonpark Road, North Ryde NSW

Cancellation

Certificate of Approval

No 8/72

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

CME Model H-11.8L Milk Tank

submitted by Specialised Construction Maintenance Engineering Pty Ltd
6 Johneva Avenue
Wodonga VIC 3690

has been cancelled in respect of new instruments as from 1 June 2002.

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 8/72

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

CME Model H-11.8L Milk Tank

submitted by Specialised Construction Maintenance Engineering Pty Ltd
6 Johneva Avenue
Wodonga VIC 3690.

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 2001, and then every 5 years thereafter.

Instruments purporting to comply with this approval shall be marked NSC No 8/72 and only by persons authorised by the submittor.

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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 10 April 1996

- A CME model H-11.8L horizontal cylindrical refrigerated milk tank of 11 800 L capacity incorporating a sight-gauge for the measurement of the volume.

Variant: approved 10 April 1996

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

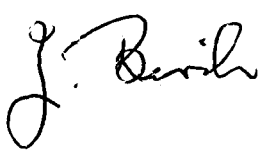
Technical Schedule No 8/72 describes the pattern and variant 1.

FILING ADVICE

The documentation for this approval comprises:

Certificate of Approval No 8/72 dated 19 October 1996
Technical Schedule No 8/72 dated 19 October 1996 (incl. Table 1 and Test Procedure)
Figures 1 and 2 dated 19 October 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.



National Standards Commission

TECHNICAL SCHEDULE No 8/72

Pattern: CME Model H-11.8L Milk Tank.

Submittor: Specialised Construction Maintenance Engineering Pty Ltd
6 Johneva Avenue
Wodonga VIC 3690.

1. Description of Pattern

A CME model H-11.8L horizontal cylindrical refrigerated milk tank of 11 800 L capacity (Figures 1 & 2, and Table 1) incorporating a sight-gauge 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) A single sight-gauge mounted in a vertical position is located in the vicinity of the outlet valve and comprises a transparent 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 lead or a lead and wire seal to be attached to the scale mounting assembly. The sight-tube is made of polycarbonate plastic.

The scale is graduated in 50 L intervals.

The sight-gauge valve allows the milk to enter the sight-gauge and be isolated from the contents of the tank. An additional valve located at the bottom of the sight-gauge allows the sight-gauge to be drained without draining the contents of the tank.

(iii) Levelling is effected by means of 4 adjustable legs with reference to the datum level marks permanently marked on the tank. The volume represented by the datum level marks is marked on the nameplate. 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 for both the tank and the sight-gauge.

(v) 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.

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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 8/72
Maximum capacity	 L
Datum level mark	 L

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-5.3L	5 300	4	20
H-5.6L	5 600	4	20
H-7.6L	7 600	4	20
H-8.2L	8 200	4	20
H-10.3L	10 300	4	50
H-11.8L	11 800	4	50
H-12.0L	12 000	4	50
H-12.2L	12 200	4	50
H-15.2L	15 200	4	50
H-16.0L	16 000	6	50
H-18.0L	18 000	4	50
H-20.2L	20 200	6	50
H-24.0L	24 000	6	50

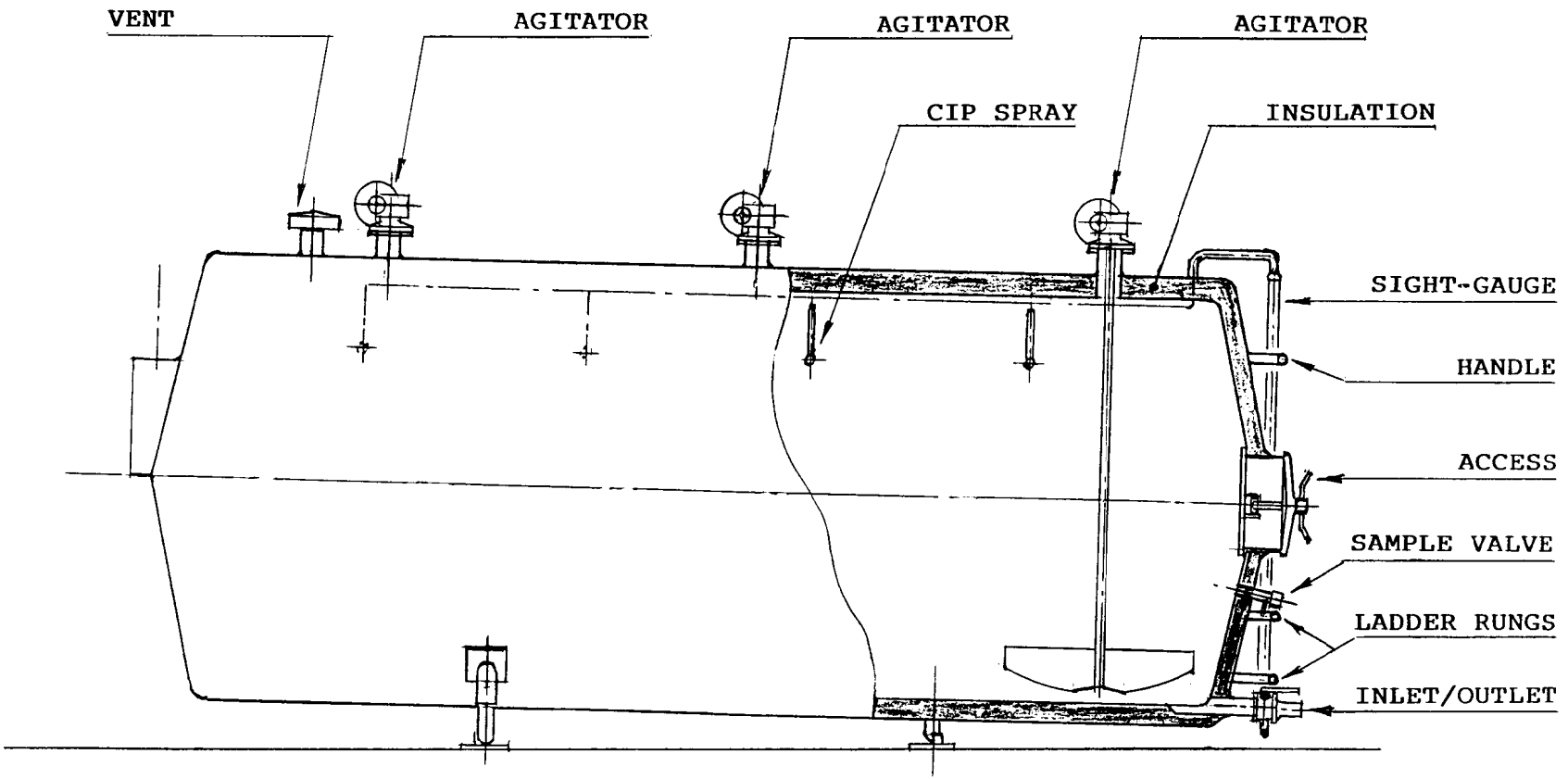
TEST PROCEDURE

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

Maximum Permissible Error at Verification/Certification

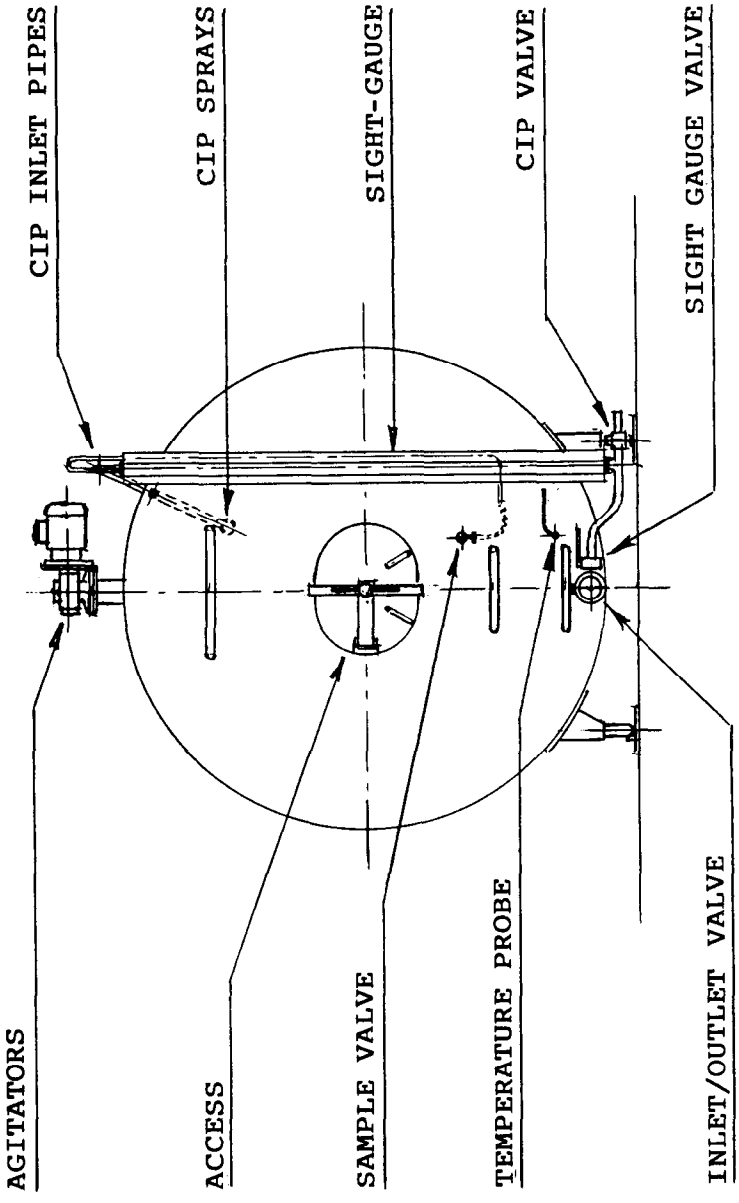
The maximum permissible error for milk tanks incorporating a sight-gauge is ±1 scale interval.

FIGURE 8/72 - 1



CME Model H-11.8L Milk Tank - Typical

FIGURE 8/72 - 2



CME Model H-11.8L Milk Tank - Typical