



Australian Government
**National Measurement
Institute**

Bradfield Road, West Lindfield NSW 2070

Cancellation
Certificate of Approval
No 8/78

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 respect of the

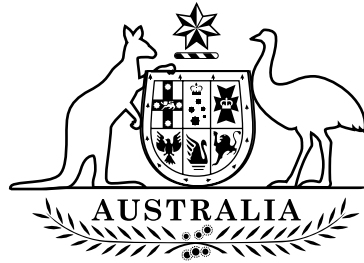
Arctic Model RK-C1 Milk Tank

submitted by Arctic Refrigeration Services Pty Ltd
72 Goddard Road
Kyabram VIC 3620

has been cancelled in respect of new instruments as from 1 April 2011.

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, consisting of a series of loops and flourishes, positioned to the right of the signature text.



National Standards Commission

Certificate of Approval

No 8/78

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

Arctic Model RK-C1 Milk Tank

submitted by Arctic Refrigeration Services Pty Ltd
72 Goddard Road
Kyabram VIC 3620.

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 January 2003, and then every 5 years thereafter.

Instruments purporting to comply with this approval shall be marked NSC No 8/78 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 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 19 December 1997

- An Arctic model RK-C1 milk tank of 10 500 L capacity.

Variant: approved 19 December 1997

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

Technical Schedule No 8/78 describes the pattern and variant 1.

FILING ADVICE

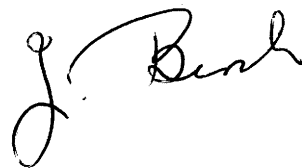
The documentation for this approval comprises:

Certificate of Approval No 8/78 dated 25 March 1999

Technical Schedule No 8/78 dated 25 March 1999 (incl. Table 1 & Test Procedure)

Figure 1 dated 25 March 1999

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 8/78

Pattern: Arctic Model RK-C1 Milk Tank.

Submittor: Arctic Refrigeration Services Pty Ltd
72 Goddard Road
Kyabram VIC 3620.

1. Description of Pattern

An Arctic model RK-C1 horizontal cylindrical refrigerated milk tank of 10 500 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. The bottom of the tank slopes towards the outlet control valve.
- (ii) A top mounted access hole is provided at the outlet end of the tank and incorporates a dipstick socket and dipstick.
- (iii) The dipstick is graduated in 20 L increments.
- (iv) Levelling is effected by means of 10 adjustable legs, with reference to the datum level marks permanently marked on the tank (Figure 1). The legs at each end have provision for fixing to the floor, and provision for sealing, after levelling.
- (v) A milk sampling valve may be fitted.
- (vi) A closed CIP (clean in place) system is incorporated.

1.2 Verification/Certification Provision

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

1.3 Sealing Provision

Provision is made for the adjustable legs to be sealed after the tank has been levelled.

1.4 Markings

- (a) The following data is marked on the nameplate permanently attached to the instrument in a clearly visible location:

Manufacturer's mark, or name written in full	Arctic Refrigeration
Model number
Serial number
Pattern approval mark in the form:	NSC No 8/78
Maximum capacity in the form L

- (b) The dipstick is marked with the following:

Manufacturer's mark, or name written in full	Arctic Refrigeration
Serial number corresponding to the serial number of the tank
Datum level L
Scale interval L

2. Description of Variant 1

Other models and capacities as listed in Table 1.

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 all scale marks on a dipstick is ± 1 scale interval.

TABLE 1

Model	Maximum Capacity (litres)	Number of legs	Scale Interval (litres)
RK-C1	3 500	4	10
RK-C2	3 500	4	10
RK-C1	4 100	4	10
RK-C2	4 100	4	10
RK-C1	5 200	4	10
RK-C2	5 200	6	10
RK-C1	6 300	6	20
RK-C2	6 300	8	20
RK-C1	7 200	8	20
RK-C2	7 200	6	20
RK-C1	8 400	8	20
RK-C2	8 400	10	20
RK-C1	9 000	10	20
RK-C1	10 500	10	20
RK-C2	10 500	10	20
RK-C2	12 500	10	20
RK-C3	12 100	10	20
RK-C3	14 000	10	20
RK-C3	16 000	10	20

NOTE: Where two tanks of the same capacity are listed, they have different diameters and /or lengths.



Australian Government

National Standards Commission

12 Lyonpark Road, North Ryde NSW 2113 Australia

Notification of Change

Certificate of Approval No 8/78

Change No 1

The following change is made to the approval documentation for the
Arctic Model RK-C1 Milk Tank

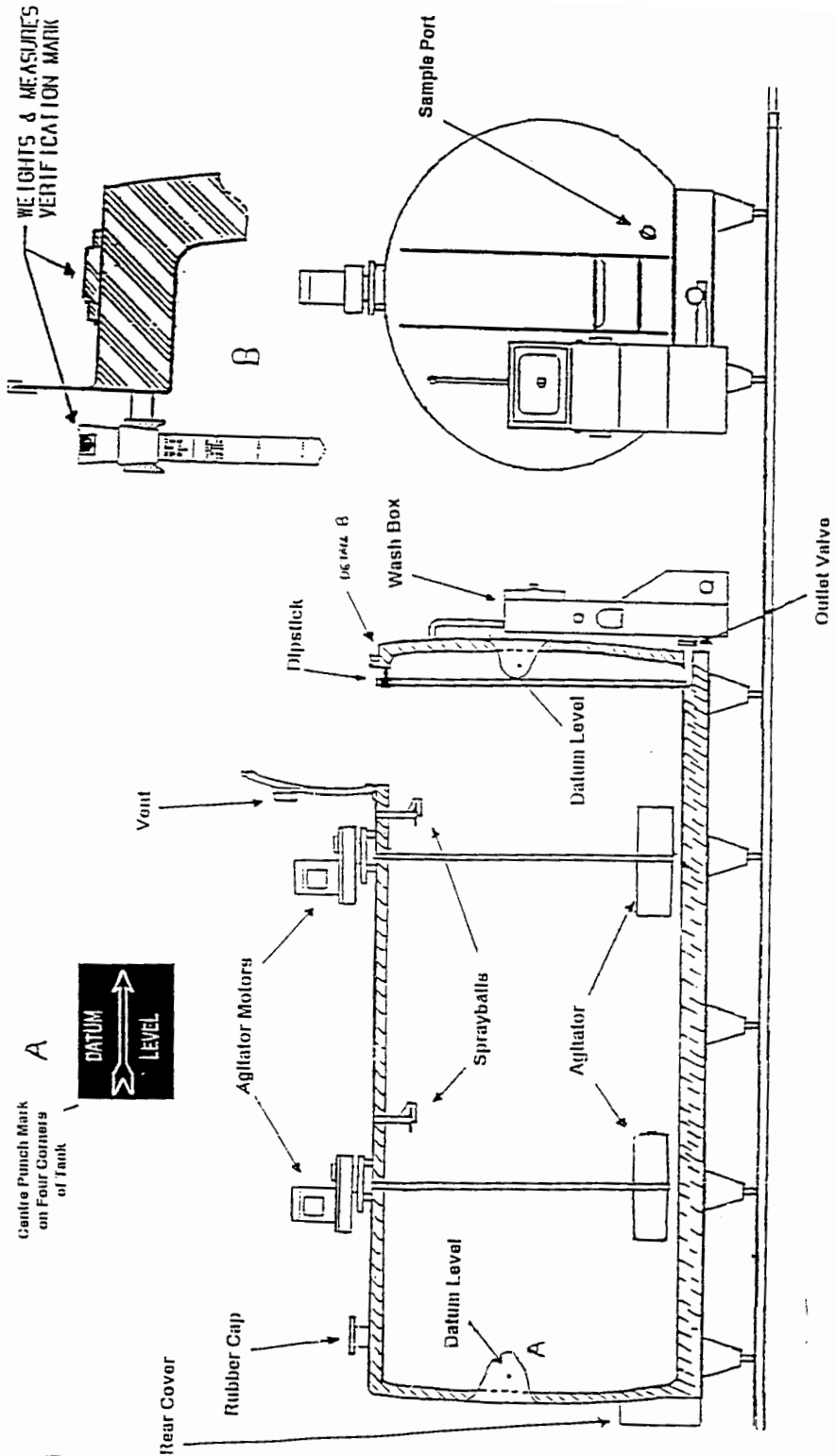
submitted by Arctic Refrigeration Services Pty Ltd
72 Goddard Road
Kyabram VIC 3620.

In Certificate of Approval No 8/78 dated 25 March 1999, the Condition of Approval referring to the review of the approval should be amended to read:

“This approval becomes subject to review on 1 January 2008, and then every 5 years thereafter.”

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.

FIGURE 8/78 - 1



Arctic Model RK-C1 Milk Tank