



**Australian Government**  
**National Measurement**  
**Institute**

Bradfield Road, West Lindfield NSW 2070

**Notification of Change**  
**Certificate of Approval No 8/43A**  
**Change No 2**

Issued by the Chief Metrologist under Regulation 60  
of the  
*National Measurement Regulations 1999*

The following changes are made to the approval documentation for the

Bou-Matic Model DKF-3800 Milk Tank

submitted by      Bou-Matic LLC  
                         1919 South Stoughton Road  
                         Madison      WI      53708  
                         USA.

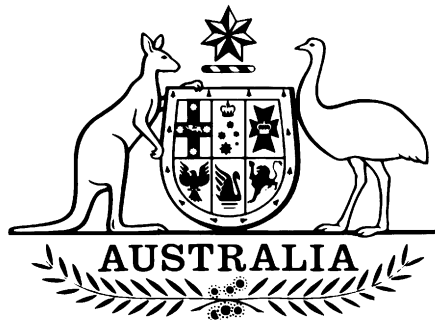
In Certificate of Approval 8/43A dated 30 December 1997;

1.      The Condition of Approval referring to the review of the approval should be amended to read:  
         "This approval becomes subject to review on 1 November **2012**, and then every 5 years thereafter."
2.      The FILING ADVICE should be amended by adding the following:  
         "Notification of Change No 1 dated 17 June2003  
         Notification of Change No 2 dated 7 November 2008"

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, appearing to be 'J. K. T.', is written over the signature line.

## National Standards Commission




### Certificate of Approval

**No 8/43A**

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

Bou-Matic Model DKF-3800 Milk Tank

 submitted by Bou-Matic Dairy Equipment Company  
1919 South Stoughton Road  
Madison WI 53708  
USA.

**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.

This Certificate is issued upon completion of a review of NSC approval No 8/43.

## CONDITIONS OF APPROVAL



This approval becomes subject to review on 1 November 2012 and then every 5 years thereafter.

Instruments purporting to comply with this approval shall be marked NSC No 8/43A 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 1 October 1997

- A Bou-Matic model DKF-3800 milk tank of 3800 L capacity. Instruments may also be known as Glacier & Waikato or Ultra-Cool.

**Variant:** approved 1 October 1997

1. Models and capacities as listed in Table 1.

Technical Schedule No 8/43A describes the pattern and variant 1.

## FILING ADVICE

The documentation for this approval comprises:


Certificate of Approval No 8/43A dated 30 December 1997  
Technical Schedule No 8/43A dated 30 December 1997 (incl. Table 1 and Test Procedure)  
Figures 1 and 2 dated 30 December 1997



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.

## TECHNICAL SCHEDULE No 8/43A

**Pattern:** Bou-Matic Model DKF-3800 Milk Tank.

 **Submittor:** Bou-Matic Dairy Equipment Company  
1919 South Stoughton Road  
Madison WI 53708  
USA

### 1. Description of Pattern

A Bou-Matic model DKF-3800 horizontal cylindrical refrigerated milk tank of 3800 L capacity (Figure 1 and Table 1) incorporating a dipstick for the measurement of the volume. Instruments may also be known as Glacier & Waikato or Ultra-Cool.

#### 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 10 L increments.
- (iv) Levelling is effected by means of 6 adjustable legs, with reference to the datum level marks permanently marked on the tank (Figure 2). 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.

#### 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

Model number

Serial number

Pattern approval mark in the form:

NSC No 8/43A

Maximum capacity in the form

..... L

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

Manufacturer's mark, or name written in full

Serial number corresponding to the serial number of the tank

Datum level

Scale interval

## 2. Description of Variant 1

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  $\pm 1$  scale interval.

TABLE 1

Model	Maximum Capacity (litres)	Number of legs
DKF-2300	2 300	4
DKF-3000	3 000	6
DKF-3800	3 800	6
DKF-4800	4 800	6
DKF-5700	5 700	6
DKF-7700	7 700	6
DKF-9500	9 500	6
DKF-11600	11 600	8
DKF-15000	15 000	10
DKF-19000	19 000	10
DKF-22700	22 700	12
DKF-26500	26 500	14
DKF-30300	30 300	14



## National Standards Commission

12 Lyonpark Road, North Ryde NSW

### Notification of Change

### Certificate of Approval No 8/43A

### Change No 1

The following changes are made to the approval documentation for the

Bou-Matic Model DKF-3800 Milk Tank

submitted by   Bou-Matic LLC  
                    (formerly Bou-Matic Dairy Equipment Company)  
                    1919 South Stoughton Road  
                    Madison WI 53708  
                    USA.

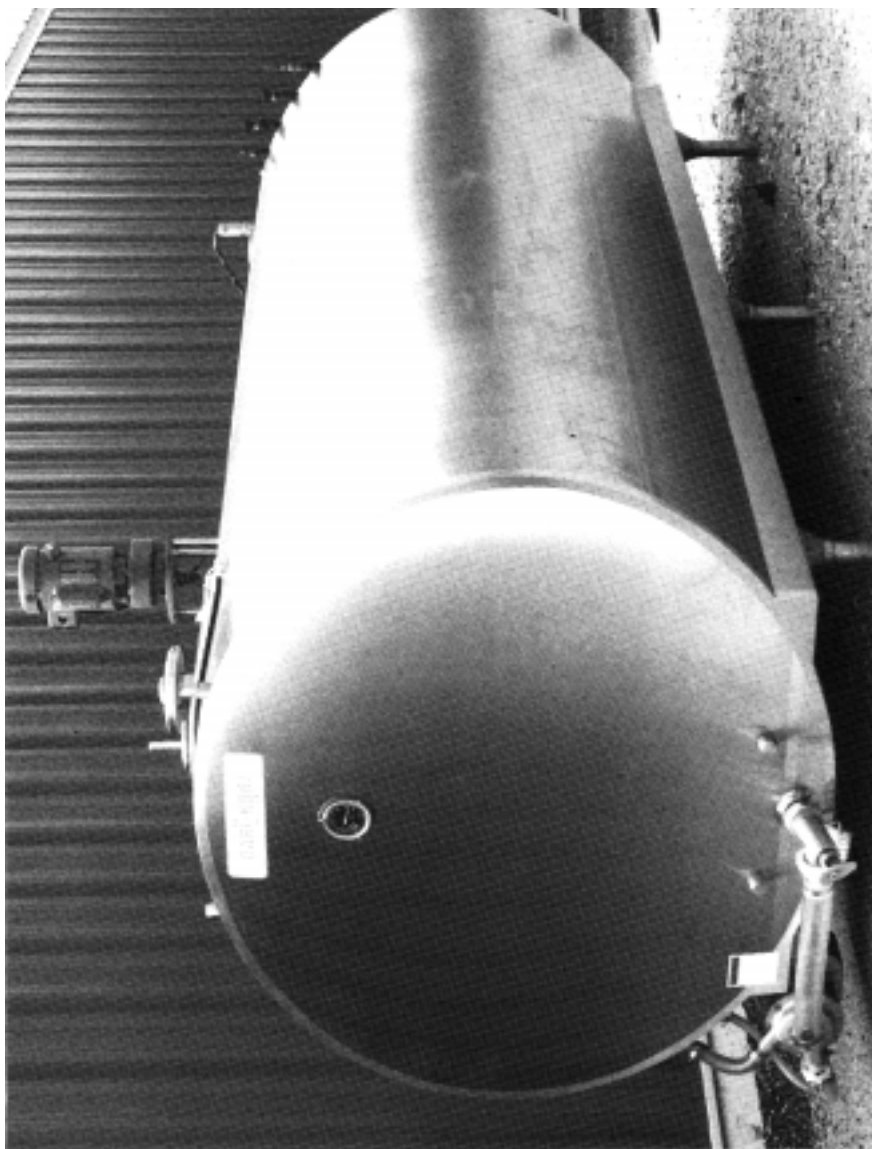
1. In Certificate of Approval No 8/43A dated 30 December 1997, the Condition of Approval referring to the review of the approval should be amended to read:  
"This approval becomes subject to review on 1 November 2007, and then every 5 years thereafter."
2. In Certificate of Approval No 8/43A and its Technical Schedule both dated 30 December 1997, name of the submitter should be amended to read:

"Bou-Matic LLC"

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. H. C.', on a light-colored background.

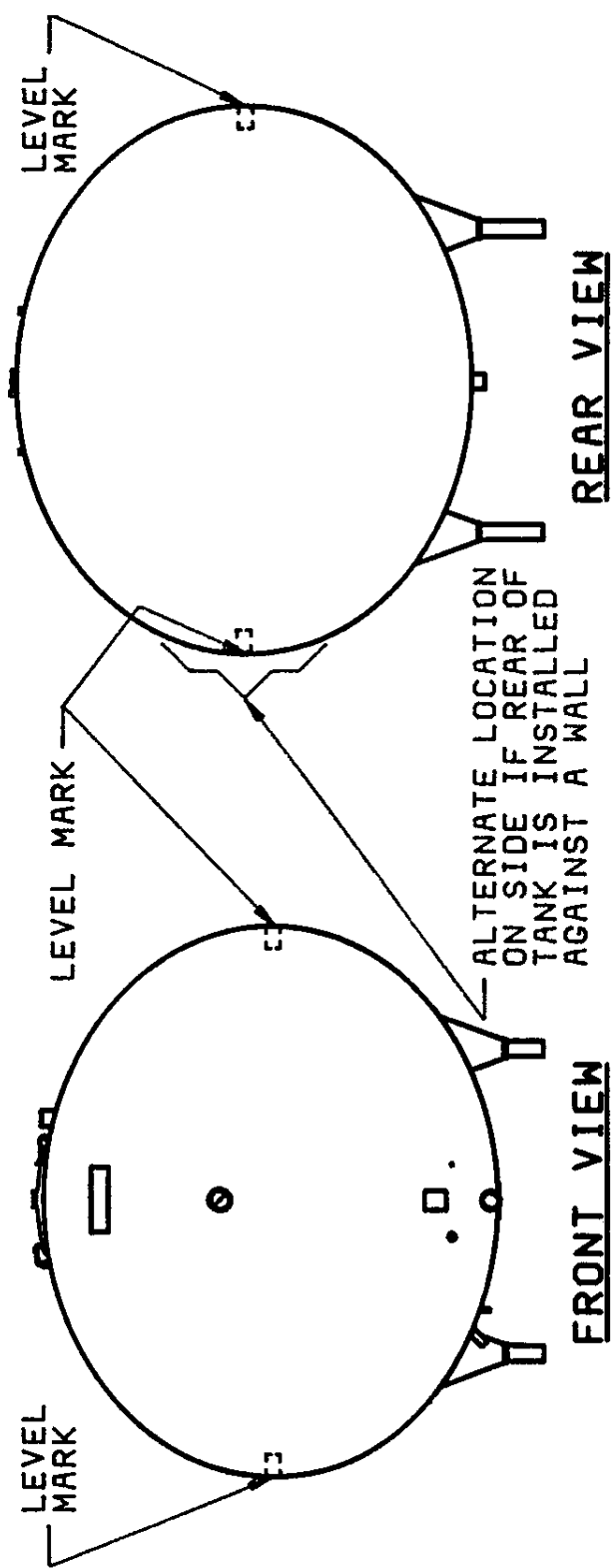
FIGURE 8/43A - 1



Bou-Matic Model DKF-3800 Milk Tank



FIGURE 8/43A - 2



Showing Location of Level Marks