



Australian Government

**National Measurement
Institute**

12 Lyonpark Road, North Ryde NSW 2113

**Cancellation
Certificate of
Approval No 8/79**

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 approval NSC 8/79
in respect of the

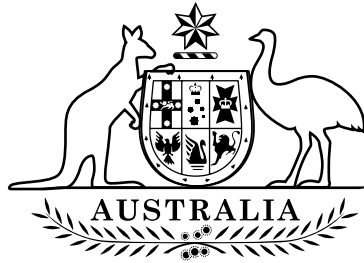
JAPY Model CFSTE 8000 Milk Tank

submitted by Westfalia Surge Australia
(formerly Westfalia Landtechnik Australia Pty Ltd)
now of 16 Trade Park Drive
Tullamarine VIC 3043

has been cancelled in respect of new instruments as from 1 April 2005.

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. H. T.', is located in the bottom right corner of the page.



National Standards Commission

Certificate of Approval

No 8/79

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

JAPY Model CFSTE 8000 Milk Tank

submitted by Westfalia Landtechnik Australia Pty Ltd
4 Saligna Drive
Tullamarine VIC 3043.

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 2003, and then every 5 years thereafter.

Instruments purporting to comply with this approval shall be marked NSC No 8/79 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 24 April 1998

- A JAPY model CFSTE 8000 milk tank of 8000 L capacity.

Variants: approved 24 April 1998

1. Certain models of the CFSTE or KRYOS series as listed in Table 1.

Technical Schedule No 8/79 describes the pattern and variant 1.

FILING ADVICE

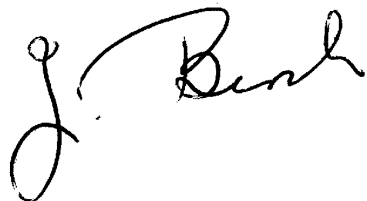
The documentation for this approval comprises:

Certificate of Approval No 8/79 dated 10 September 1999

Technical Schedule No 8/79 dated 10 September 1999 (incl. Table 1 & Test Procedure)

Figures 1 and 2 dated 10 September 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 8/79

Pattern: JAPY Model CFSTE 8000 Milk Tank
Submittor: Westfalia Landtechnik Australia Pty Ltd
4 Saligna Drive
Tullamarine VIC 3043.

1. Description of Pattern

A JAPY model CFSTE 8000 milk tank of 8000 L capacity (Figure 1) incorporating a Hugonnet Japy model JE-MA/1650 (*) liquid level measuring device for the measurement of the volume. The pattern has a verification scale interval of 20 L and a scale interval of 1 L.

1.1 Milk Tank

The CFSTE 8000 milk tank of 8000 L capacity is described in the documentation of NSC approval No 8/54.

1.2 Measuring Device

The Hugonnet Japy model JE-MA/1650 (*) liquid level measuring device (Figure 1) includes a spherical stainless steel float mounted on a vertical stainless steel shaft, and a model JE-MA/1400 calculator/indicator.

- (*) The model JE-MA/1650 liquid level measuring device may also be known as a model JE-SA/1650.
- (i) A stainless steel shaft, on which a stainless steel float is mounted, is suspended in the tank. The detecting element senses the position of the float which corresponds to the level of milk in the tank. The microprocessor in the calculator/indicator then converts the level to a volume of milk contained in the tank. This value is then displayed on the calculator/indicator.
- (ii) The JAPY model JE-MA/1400 calculator/indicator (Figure 2) consists of electronic circuitry and a digital display in a plastic housing.

1.3 Verification/Certification Provision

Provision is made for a verification/certification mark to be applied to both the tank and to the liquid level measuring device.

1.4 Sealing Provision

Provision is made for the calibration adjustments to be sealed by means of sealing diagonally opposite corners of the front panel of the calculator/indicator (Figure 2).

1.5 Markings

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	JAPY
Model number
Serial number
Pattern approval mark	NSC No 8/79
Maximum capacity L
Verification scale interval L
Scale interval	1 L
Datum level L

2. Description of Variant 1

Certain models of the CFSTE or KRYOS series as listed in Table 1.

The documentation of NSC approval No 8/54 describes the CFSTE and KRYOS series of milk tanks. They are fitted with the liquid level measuring device described for the pattern. The particular model of measuring device used is listed in Table 1.

The verification scale interval for each model tank is listed in Table 1; all tanks have a scale interval of 1 L.

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 milk tanks incorporating a liquid level measuring device for measuring the volume is ± 1 verification scale interval.

TABLE 1

Tank Model Number	Maximum Capacity (litres)	Number of Legs	Verification Scale Interval (litres)	Measuring Device Model
CFSTE 2700	2 700	4	10	JE-MA/1400
CFSTE 3100	3 100	4	10	JE-MA/1400
CFSTE 3600	3 600	4	10	JE-MA/1400
CFSTE 4200	4 200	4	10	JE-MA/1400
CFSTE 5000	5 000	4	20	JE-MA/1650
CFSTE 5200 #	5 200	4 (6)	20	JE-MA/1400
CFSTE 6000	6 000	4	20	JE-MA/1650
CFSTE 6200	6 200	6	20	JE-MA/1400
CFSTE 7000	7 000	4	20	JE-MA/1650
CFSTE 9000	9 000	4	20	JE-MA/1650
CFSTE 10000	10 000	6	20	JE-MA/1650
CFSTE 10050	10 050	6	50	JE-MA/1800
CFSTE 12050	12 050	6	50	JE-MA/1800
CFSTE 15050	15 050	6	50	JE-MA/1800
CFSTE 18050	18 050	8	50	JE-MA/1800
CFSTE 21050 #	21 050	8 (10)	50	JE-MA/1800

Approved Models and Configurations

The KRYOS series of milk tanks are identical to the CFSTE series except those models identified by # in the table, which have the number of legs shown in brackets.

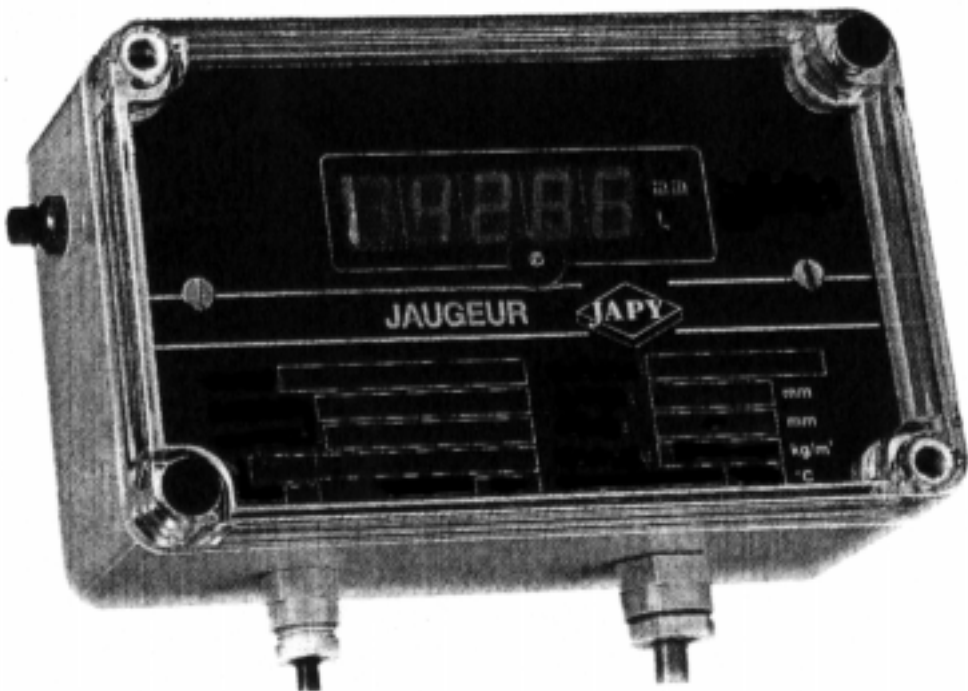
The model JE-MA/1400 and model JE-MA/1650 liquid level measuring devices may also be known as model JE-SA/1400 and model JE-SA/1650, respectively.

FIGURE 8/79- 1



JAPY Model CFSTE 8000 Milk Tank With
Hugonnet Japy Model JE-MA/1650 Liquid Level Measuring Device

FIGURE 8/79- 2



JAPY Model JE-MA/1400 Calculator/indicator