Australian Government
National Measurement Institute

Bradfield Road, West Lindfield NSW 2070

Notification of Change
Supplementary Certificate of Approval No S379
Change No 1

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

Aus-Pet Model KH1 Temperature Measuring Device for Liquid-measuring Systems

submitted by Aus-Pet Pty Ltd
39 Gorge Road
South Morang VIC 3752.

A. In Supplementary Certificate of Approval No S379 and its Technical Schedule both dated 13 July 2001, all references to the name of the submittor should be amended to read:

"Volume Solutions"

The address remains unchanged.

B. In Supplementary Certificate of Approval No S379 dated 13 July 2001;

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 December 2011, and then every 5 years thereafter."

2. The FILING ADVICE should be amended by adding the following:

"Notification of Change No 1 dated 8 March 2007"

Signed by a person authorised by the Chief Metrologist to exercise his powers under Regulation 60 of the *National Measurement Regulations 1999*.

S379
13 July 2001

National Standards Commission

12 Lyonpark Road, North Ryde NSW

Supplementary Certificate of Approval

No S379

Issued under Regulation 60
of the
National Measurement Regulations 1999

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

Aus-Pet Model KH1 Temperature Measuring Device for Liquid-measuring Systems

submitted by Aus-Pet Pty Ltd
39 Gorge Road
South Morang VIC 3752.

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.

..../2

CONDITIONS OF APPROVAL

This approval becomes subject to review on 1 December 2005, and then every 5 years thereafter.

Instruments purporting to comply with this approval shall be marked NSC No S379 and only by persons authorised by the submittor.

Instruments incorporating a component purporting to comply with this approval shall be marked NSC No S379 in addition to the approval number of the instrument.

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 NSC P 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 November 2000

- An Aus-Pet model KH1 inline mechanical temperature measuring device for use in a Commission-approved liquid-measuring system.

Technical Schedule No S379 describes the pattern.

FILING ADVICE

The documentation for this approval comprises:

Certificate of Approval No S379 dated 13 July 2001
Technical Schedule No S379 dated 13 July 2001 (incl. Test Procedure)
Figures 1 to 3 dated 13 July 2001

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.

S379
13 July 2001

TECHNICAL SCHEDULE No S379

Pattern: Aus-Pet Model KH1 Temperature Measuring Device for Liquid-measuring Systems.

Submittor: Aus-Pet Pty Ltd
39 Gorge Road
South Morang VIC 3752.

1. Description of Pattern

An Aus-Pet model KH1 inline mechanical temperature measuring device (Figure 1) for use in a Commission-approved liquid-measuring system.

The device may be used in conjunction with Commission-approved volume-measuring devices for providing temperature input information for volume conversion calculations.

The pattern has an aluminium housing with male and female camlock connections. The connections may be either 75 or 100 mm diameter (known as 3" or 4") but the same temperature probe and dial indicator are used.

The pattern is a mechanical temperature measuring device having a single temperature probe and a dial indicator (Figure 2). The dial indicator is graduated from 0°C to 50°C, in 0.5°C increments, and has provision for adjustment by means of a screw located underneath the dial indicator.

1.2 Verification/Certification

Provision is made for the application of a verification/certification mark (Figure 3).

1.3 Sealing Provision

Provision is made for the temperature adjustment to be sealed by means of a destructible adhesive label (Figure 3).

1.4 Markings

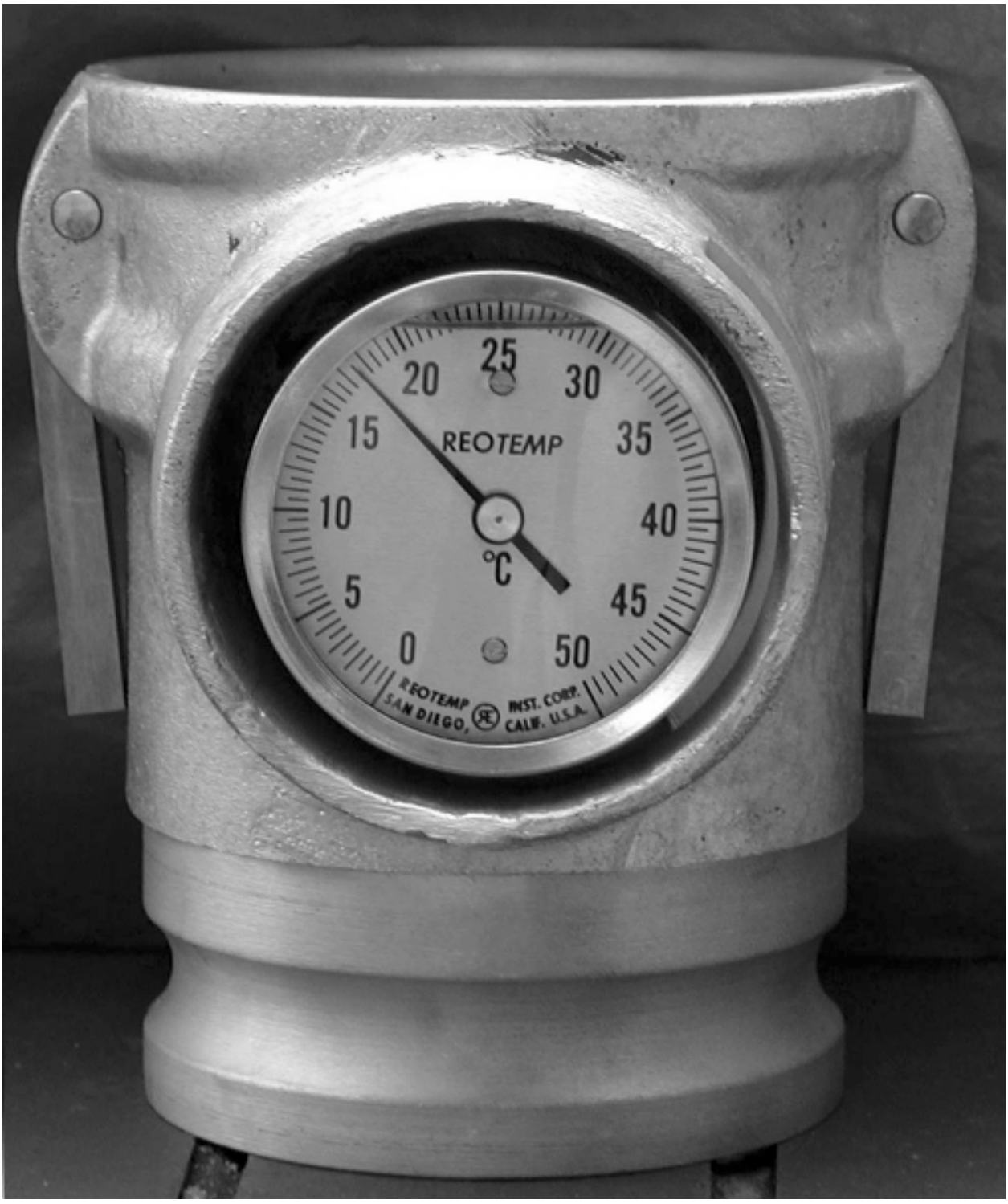
Instruments are marked with the following data, together in one location:

Manufacturer's name or mark	Aus-Pet Pty Ltd
Model number	KH1
Serial number	……..
Pattern approval mark	NSC No S379
Year of manufacture	……..

TEST PROCEDURE

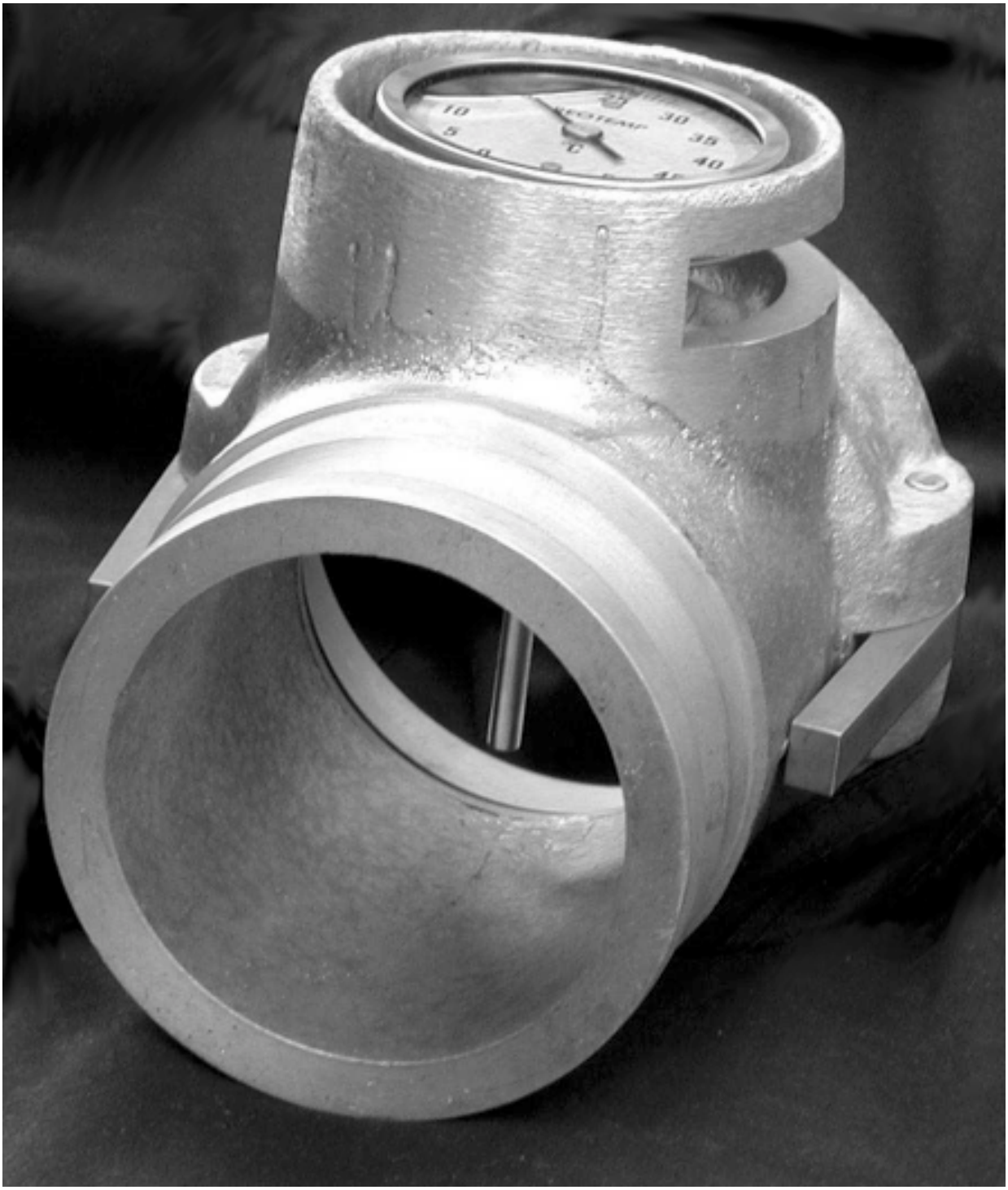
Instruments shall be tested to ensure that they are within the allowable maximum permissible error of $\pm$0.5°C.

FIGURE S379 - 1



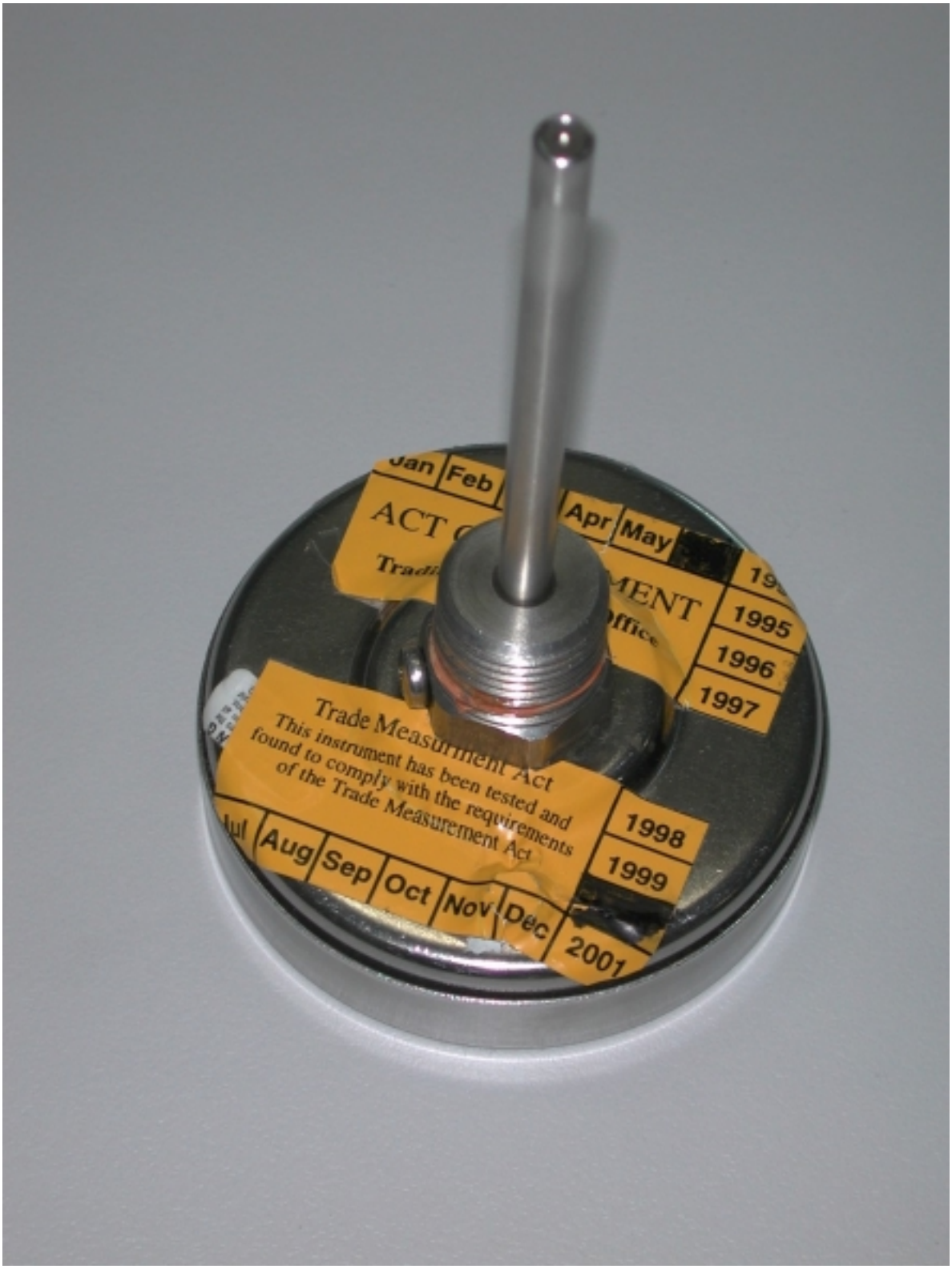
Aus-Pet Model KH1 Temperature Measuring Device

FIGURE S379 - 2



Showing Temperature Probe

FIGURE S379 - 3



Showing Sealing/Verification Mark Provision