



National Standards Commission

Cancellation

Supplementary Certificate of Approval No S272

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

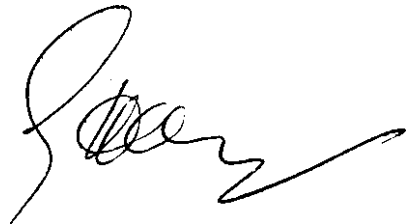
Teraoka Seiko Model DI-10 Digital Indicator

submitted by W W Wedderburn Pty Ltd
 90 Parramatta Road
 Summer Hill NSW 2130

has been cancelled in respect of new instruments as from 28 February 1999.

Instruments which were verified/certified before that date may, with the concurrence of the relevant verifying authority, be submitted for reverification.

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.





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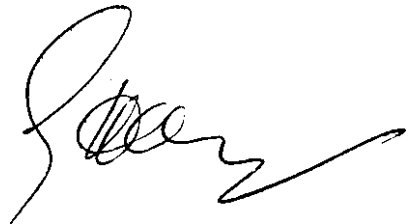
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National Standards Commission



Supplementary Certificate of Approval

No S272

Issued under Regulation 9
of the
National Measurement (Patterns of Instruments) Regulations

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

Teraoka Seiko Model DI-10 Digital Indicator

submitted by W W Wedderburn Pty Ltd
90 Parramatta Road
Summer Hill NSW 2130.

Signed and sealed by a person authorised
under Regulation 9 of the National
Measurement (Patterns of Instruments)
Regulations to exercise the powers and
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Regulation.



CONDITIONS OF APPROVAL

This approval is subject to review on or after 1/1/96.

This approval expires in respect of new instruments on 1/1/97.

Instruments purporting to comply with this approval shall be marked NSC No S272 and only by persons authorised by the submitter.

Instruments incorporating a component purporting to comply with this approval shall be marked NSC No S272 in addition to the approval number of the instrument.

It is the submitter's responsibility to ensure that all instruments marked with this approval number are constructed as described in the drawings and specifications 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.

Auxiliary devices used with this instrument shall comply with the requirements of General Supplementary Certificate No S1/0.

The values of the performance criteria (maximum number of scale intervals etc.) applicable to an instrument incorporating the pattern approved herein shall be within the limits specified herein and in any approval documentation for the other components.

The Commission reserves the right to examine any instrument or component of an instrument purporting to comply with this approval.

DESCRIPTIVE ADVICE

Pattern: approved 18/12/90

. A Teraoka Seiko model DI-10 digital mass indicator.

Technical Schedule No S272 describes the pattern.

FILING ADVICE

The documentation for this approval comprises.

Supplementary Certificate of Approval No S272 dated 14/3/91
Technical Schedule No S272 dated 14/3/91 (incl. Table 1 and Test
Procedure)
Figure 1 dated 14/3/91



National Standards Commission

TECHNICAL SCHEDULE No S272

Pattern: Teraoka Seiko Model DI-10 Digital Indicator

Submittor: W W Wedderburn Pty Ltd
90 Parramatta Road
Summer Hill NSW 2130.

1. Description of Pattern

A Teraoka Seiko model DI-10 digital mass indicator approved for use with up to 3 000 verification scale intervals which may be fitted with output sockets for the connection of auxiliary and/or peripheral devices.

Instruments may be as shown in Figure 1 or without the integral printer.

1.1 Zero

Zero is automatically set to within $\pm 0.25e$ whenever the instrument comes to rest within $\pm 0.5e$. If the instrument comes to rest outside that range but within the zero setting range, zero may be set by pressing the zero button.

1.2 Display Check

A display check is initiated whenever the ON/OFF button is pressed.

1.3 Tare

Instruments may be fitted with a semi-automatic subtractive taring device and/or a non-automatic taring device each of up to maximum capacity. Tare values may be stored in one of up to ten memories.

1.4 Set Point

Instruments may be fitted with a set point facility.

1.5 Verification Provision

Provision is made for a verification mark to be applied.

1.5 Markings

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

Manufacturer's name or mark	
Serial number	
Accuracy class	Ⓜ
Maximum capacity	Max..... *
Minimum capacity	Min *
Verification scale interval	e = d = *
Maximum subtractive tare	T = - *
NSC approval numbers - indicator	NSC No S272
- other components #

- * Repeated in the vicinity of each reading face.
May be located separately from the other markings.

TABLE 1

Type: Teraoka Seiko	DI-10
Maximum number of verification scale intervals	3 000
Minimum sensitivity	2.8×10^{-3} mV/scale interval
Excitation voltage	5 V
Minimum load impedance	80 ohms
Maximum excitation current	60 mA

TEST PROCEDURE

Instruments shall be tested in conjunction with any tests specified in the approval documentation for the instrument to which the pattern is connected, as appropriate, and in accordance with any relevant tests specified in the Inspector's Handbook.

The maximum permissible errors applicable are those applicable to the system to which the instrument approved herein is fitted, as stated in the approval documentation for the system.

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NOTIFICATION OF CHANGE

SUPPLEMENTARY CERTIFICATE OF APPROVAL No S272

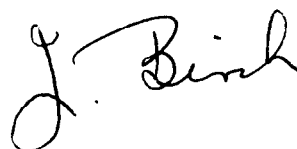
CHANGE No 1

The following change is made to the approval documentation for the

Teraoka Seiko Model DI-10 Digital Indicator

submitted by W W Wedderburn Pty Ltd
 90 Parramatta Road
 Summerhill NSW 2130.

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.



In Technical Schedule No S272 dated 14/3/91, cl. 1. **Description of Pattern** is amended by adding the following:

"The instrument may be powered by a mains adaptor power supply or may be battery operated."

National Standards Commission



NOTIFICATION OF CHANGE

SUPPLEMENTARY CERTIFICATE OF APPROVAL No S272

CHANGE No 2

The following change is made to the approval documentation for the

Teraoka Seiko Model DI-10 Digital Indicator

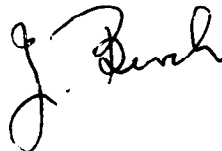
submitted by W W Wedderburn Pty Ltd
90 Parramatta Road
Summer Hill NSW 2130.

In Technical Schedule No S272 dated 14/3/91, the following new clause should be added:

1.6 Management Function

Instruments may be fitted with a counting management function, which is not approved for trade use, in which case the keyboard is different from that shown in Figure 1.

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



Notification of Change Supplementary Certificate of Approval No S272 Change No 3

The following changes are made to the approval documentation for the

Teraoka Seiko Model DI-10 Digital Indicator

submitted by W W Wedderburn Pty Ltd
 90 Parramatta Road
 SUMMER HILL NSW 2130.

In Supplementary Certificate of Approval No S272 dated 14 March 1991;

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 January 1996, and then every 5 years thereafter.

2. The Condition of Approval referring to the expiry of the approval should be deleted.

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.

FIGURE S272 - 1



Teraoka Seiko Model DI-10 Indicator