



National Standards Commission

12 Lyonpark Road, North Ryde NSW

Cancellation Certificate of Approval No 6/4C/63

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

Precisa Model 6000D Weighing Instrument

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

has been cancelled in respect of new instruments as from 1 August 2001.

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

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.



National Standards Commission



Certificate of Approval

No 6/4C/63

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

Precisa Model 6000D Weighing Instrument

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

CONDITIONS OF APPROVAL

This approval is subject to review on or after 1/4/95.
This approval expires in respect of new instruments on 1/4/96.

Instruments purporting to comply with this approval shall be marked NSC No 6/4C/63 and only by persons authorised by the submitter.

It is the submitter'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 6/3/90

- A Precisa model 6000D class II self-indicating weighing instrument of 6200 g maximum capacity.

Variant: approved 6/3/90

1. In other models and capacities, as listed in Table 1.

Variant: approved 9/8/90

2. Other models, as listed in Table 2, where the differentiated scale interval is only displayed for part of the weighing range.

Technical Schedule No 6/4C/63 describes the pattern and variants 1 and 2.

Variant: approved 26/9/91

3. In other models and capacities, as listed in Table 3.

Technical Schedule No 6/4C/63 Variation No 1 describes variant 3.

Variant: approved 23/9/92

4. In other models and capacities, as listed in Table 4.

Technical Schedule No 6/4C/63 Variation No 2 describes variant 4.


FILING ADVICE

Certificate of Approval No 6/4C/63 dated 20/11/91, is superseded by this Certificate, and may be destroyed.

The documentation for this approval now comprises:

Certificate of Approval No 6/4C/63 dated 17/11/92
Technical Schedule No 6/4C/63 dated 3/10/90 (incl. Test Procedure)
Technical Schedule No 6/4C/63 Variation No 1 dated 20/11/91
(incl. Table 3)
Technical Schedule No 6/4C/63 Variation No 2 dated 17/11/92
(incl. Table 4)
Tables 1 & 2 dated 20/11/91
Figure 1 dated 3/10/90

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.

A handwritten signature in black ink, appearing to read 'J. Steery', is written over the signature line.



National Standards Commission

TECHNICAL SCHEDULE No 6/4C/63

Pattern: Precisa Model 6000D Weighing Instrument

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

1. Description of Pattern

- A Precisa model 6000D class II self-indicating weighing instrument (Figure 1 and Table 1) of 6 200 g maximum capacity with a verification scale interval (e) of 1 g and a scale interval (d) of 0.1 g. The instrument may be fitted with output sockets for the connection of peripheral and/or auxiliary devices. The instrument is approved for use over a temperature range of 15°C to 30°C, and must be so marked.

1.1 Zero and Tare

Zero setting and taring are accomplished by means of a common button that sets zero to within $\pm 0.25e$, as indicated by the right-hand digit (d) which is differentiated.

Tare capacity is up to the maximum capacity of the instrument.

1.2 Optional Mass Unit or Display

A facility to configure the instrument with another mass unit or display, as follows:

- (a) CM, or oz tr (precious metals only).
- (b) GN, dwt, oz, lb, ct, tH, tM, or tT - if the other mass unit is any of these the instrument shall be marked "GN ... tT (as applicable) not for trade use" or "GN ... tT (as applicable) for export use only". The scale interval, verification scale interval, maximum capacity and minimum capacity when used with these units (and CM, or oz tr) shall be marked in the vicinity of the reading face. The markings of the primary units shall be given in grams.
- (c) PCS: Piece counting - the mass of 1, 10, 25, 50 or 100 pieces is set by placing the mass on the platter and using the MODE button.
- (d) %: Percentage - the mass corresponding to 100% is set by placing the mass on the platter and using the MODE button.

Note: The approval of functions b, c or d relates to the metrological performance only; inspectors are advised that the use of these functions must comply with the requirements of other statutory authorities.

1.3 Display Check

A display check is initiated whenever power is applied.

1.4 Levelling

The instrument is provided with four feet, three of which are adjustable. Adjacent to the level indicator is a notice advising that the instrument must be level when in use.

1.5 Verification Provision

Provision is made for a verification mark to be applied.

1.6 Markings

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

Manufacturer's name or mark	
Serial number	
NSC approval number	NSC No 6/4C/63
Accuracy class	Ⓜ
Maximum capacity	Max g *
Minimum capacity	Min g *
Verification scale interval	e = g *
Scale interval	d = g #
Maximum subtractive tare	T = - g
Special temperature limits	15°C - 30°C

* Repeated in the vicinity of each reading face.

Refer cl. 1.2 **Optional Mass Unit or Display**.

In addition, instruments are marked NOT FOR RETAIL COUNTER USE, NOT FOR TRADING DIRECT WITH THE PUBLIC, or similar wording.

2. Description of Variants

2.1 Variant 1

Other models and capacities as listed in Table 1.

2.2 Variant 2

Other models and capacities where the differentiated scale interval (d) is only displayed for part of the weighing range, as shown in Table 2.

TEST PROCEDURE

Instruments should be tested in conjunction with any relevant tests specified in the Inspector's Handbook.

Maximum Permissible Errors at Verification/Certification

The maximum permissible errors for increasing and decreasing loads, expressed in terms of verification scale interval (e), with the instrument adjusted to zero within $\pm 0.25e$ at no load, are:

- $\pm 0.5e$ for loads from 0 to 5 000e;
- $\pm 1.0e$ for loads over 5 000e up to 20 000e; and
- $\pm 1.5e$ for loads over 20 000e.

TABLE 1

Model		125A	400M	800M	2200C	4000C	6000D
Maximum capacity (g)		125	404	808	2 250	4 400	6 200
Verification scale interval, e	(g)	0.001	0.01	0.01	0.1	0.1	1
Scale interval, d	(g)	0.0001	0.001	0.001	0.01	0.01	0.1

Approved Instruments - Variant 1

TABLE 2

Model		80A/200M	100M/300C	500M/2000C	1000C/3000D
Maximum capacity (g)		202	310	2 020	3 100
Verification scale interval, e	(g)	0.001	0.01	0.01	0.1
Scale interval, d	(g)	0.0001	0.001	0.001	0.01
for first ... g $\pm 2\%$		81	101	505	1010

Approved Instruments - Variant 2



National Standards Commission

TECHNICAL SCHEDULE No 6/4C/63

VARIATION No 1

Pattern: Precisa Model 6000D Weighing Instrument.

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

Description of Variant 3

Other models and capacities, similar to the pattern and variant 1 where the differentiated scale interval (d) is displayed for all of the weighing range, as listed in Table 3.

TABLE 3

Model	160M	220M	1600C	3000D	6000G
Maximum capacity (g)	165	225	1650	3100	6200
Verification scale interval, e (g)	0.01	0.01	0.1	0.1	1
Scale interval, d (g)	0.001	0.001	0.01	0.1	1

NOTIFICATION OF CHANGE

Tables 1 and 2, originally published as part of Technical Schedule No 6/4C/63 dated 3/10/90, are both replaced by the Tables attached herein which include the amendments notified in Notification of Change No 1 dated 17/6/91.

TABLE 1

Model	400M	800M	2200C	4000C	6000D
Maximum capacity (g)	404	808	2 250	4 400	6 200
Verification scale interval, e (g)	0.01	0.01	0.1	0.1	1
Scale interval, d (g)	0.001	0.001	0.01	0.01	0.1

Approved Instruments - Variant 1

TABLE 2

Model	100M/300C	1000C/3000D
Maximum capacity (g)	310	3 100
Verification scale interval, e (g)	0.01	0.1
Scale interval, d (g) for first ... g $\pm 2\%$	0.001 101	0.01 1010

Approved Instruments - Variant 2



6/4C/63
17/11/92

National Standards Commission

TECHNICAL SCHEDULE No 6/4C/63

VARIATION No 2

Pattern: Precisa Model 6000D Weighing Instrument.

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

1. Description of Variant 4

Other models and capacities, similar to the pattern and variant 1 where the differentiated scale interval (d) is displayed for all of the weighing range, and capable of displaying in mass units of either g or CM (ct), as listed in Table 4.

TABLE 4

Model		300M#	600M#	3000C#	6000C#
Maximum capacity	(g)	60	125	600	1200
	(CM)	300	600	3000	6000
Verification scale interval, e	(g)	0.01	0.01	0.1	0.1
	(CM)	0.01	0.01	0.1	0.1
Scale interval, d	(g)	0.001	0.001	0.01	0.01
	(CM)	0.001	0.001	0.01	0.01

NOTE: # - The model number may include the suffix '-Carat'.

Approved Models and Capacities - Variant 4

National Standards Commission



NOTIFICATION OF CHANGE

CERTIFICATE OF APPROVAL No 6/4C/63

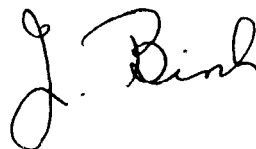
CHANGE No 1

The following changes are made to the approval documentation for the

Precisa Model 6000D Weighing Instrument

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 6/4C/63 dated 3/10/90, Table 1 is amended by deleting the model 125A, and Table 2 is amended by deleting the models 80A/200M and 500M/2000C.

National Standards Commission



NOTIFICATION OF CHANGE

CERTIFICATE OF APPROVAL No 6/4C/63

CHANGE No 2

The following changes are made to the approval documentation for the

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90 Parramatta Road
Summer Hill NSW 2130.

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.

A handwritten signature in black ink, appearing to read 'J. Birch'. The signature is written in a cursive style with a large initial 'J'.

In Technical Schedule No 6/4C/63 dated 3/10/90, clause 1.1 **Zero and Tare** should be amended by changing the reference to zero setting to now read, in part, "... sets zero to within $\pm 0.5d$...", (rather than " $\pm 0.25e$ ").

National Standards Commission



NOTIFICATION OF CHANGE

CERTIFICATE OF APPROVAL No 6/4C/63

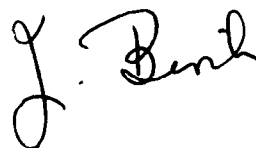
CHANGE No 3

The following changes are made to the approval documentation for the

Precisa Model 6000D Weighing Instrument

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 Measuring Instruments) Regulations to exercise the powers and functions of the Commission under this Regulation.



In Technical Schedule No 6/4C/63 Variation No 1 dated 20/11/90, Table 1 on page 2 should be amended by changing the maximum capacity given for the model 4000C to now read "4040 (g)".

National Standards Commission



NOTIFICATION OF CHANGE

CERTIFICATE OF APPROVAL No 6/4C/63

CHANGE No 4

The following change is made to the approval documentation for the

Precisa Model 6000D Weighing Instrument

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

In Certificate of Approval No 6/4C/63 dated 17 November 1992, the Condition of Approval referring to the expiry of the approval should be amended to now read:

"This approval expires in respect of new instruments on 1 October 1996."

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.

A handwritten signature in black ink, appearing to read 'J. Birch'.

National Standards Commission



Notification of Change Certificate of Approval No 6/4C/63 Change No 5

The following changes are made to the approval documentation for the

Precisa Model 6000D Weighing Instrument

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

In Certificate of Approval No 6/4C/63 dated 17 November 1992;

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 April 1995, 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 Instruments) Regulations to exercise the powers and functions of the Commission under this Regulation.

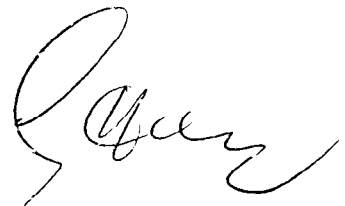


FIGURE 6/4C/63 - 1



6/4C/63
3/10/90

Precisa Model 6000D