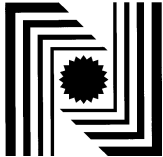
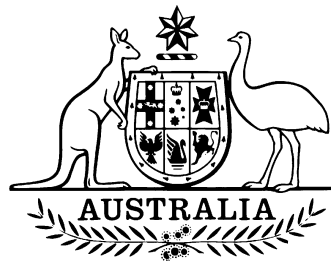


6/4C/95
12 April 2002



National Standards Commission

12 Lyonpark Road, North Ryde NSW

Cancellation

Certificate of Approval

No 6/4C/95

Issued under Regulation 60
of the
National Measurement Regulations 1999

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

NCR Model 7880-2100 Weighing Instrument

submitted by NCR Corporation
2651 Satellite Blvd
Duluth Georgia 30096
USA

has been cancelled in respect of new instruments as from 1 May 2002.

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/95

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

NCR Model 7880-2100 Weighing Instrument

submitted by NCR Corporation
2651 Satellite Blvd
Duluth Georgia 30096
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.

CONDITIONS OF APPROVAL

This approval becomes subject to review on 1 March 2001, and then every 5 years thereafter.

Instruments purporting to comply with this approval shall be marked NSC No 6/4C/95 and only by persons authorised by the submittor.

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

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 22 February 1996

- An NCR model 7880-2100 self-indicating weighing instrument of 13.995 kg maximum capacity. Instruments may also be known as AT&T model 7880-2100.

Technical Schedule No 6/4C/95 describes the pattern.

Variants: approved 11 March 1999

1. With dual model 7825 displays.


Technical Schedule No 6/4C/95 Variation No 1 describes variant 1.

FILING ADVICE

Certificate of Approval No 6/4C/95 dated 20 June 1996 is superseded by this Certificate, and may be destroyed. The documentation for this approval now comprises:

Certificate of Approval No 6/4C/95 dated 7 June 1999
Technical Schedule No 6/4C/95 dated 20 June 1996 (incl. Test
Procedure)
Technical Schedule No 6/4C/95 Variation No 1 dated 7 June 1999
Figure 1 dated 20 June 1996
Figure 2 dated 7 June 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.

A handwritten signature in black ink, appearing to be 'J. Taylor', written in a cursive style.



National Standards Commission

TECHNICAL SCHEDULE No 6/4C/95

Pattern: NCR Model 7880-2100 Weighing Instrument.

Submittor: AT&T Global Information Solutions
8-20 Napier Street
North Sydney NSW 2060.

1. Description of Pattern

An NCR model 7880-2100 (*) self-indicating weighing instrument (Figure 1) of 13.995 kg maximum capacity with a verification scale interval of 0.005 kg. The instrument may be fitted with output sockets for the connection of peripheral and/or auxiliary devices.

NOTE: (*) - The last 2 digits of the model number (7870-21##) may be numerals other than '0', but these represent features which are not metrologically significant.

Instruments may also be known as AT&T model 7880-2100.

The instrument is approved for use over a temperature range of +10°C to +40°C, and must be so marked.

1.1 Zero

Zero is automatically corrected to within $\pm 0.25e$ whenever the instrument comes to rest within $0.5e$ of zero.

The instrument has an initial zero-setting device with a nominal range of not more than 20% of the maximum capacity of the instrument.

1.2 Display Check

A display check is initiated whenever power is applied.

1.3 Scanner

The instrument may be fitted with a removeable laser scanner for reading bar codes.

1.4 Verification/Certification Provision

Provision is made for a verification/certification mark to be applied.

1.5 Sealing Provision

Provision is made for the instrument to be sealed to prevent access to the internal calibration switches located under the platter.

1.6 Markings

The instrument is marked with the following data, together in one location under the removeable platter:

Manufacturer's name or mark	
Serial number	
NSC approval number	NSC No 6/4C/95
Accuracy class	III
Maximum capacity	Max..... kg *
Minimum capacity	Min kg *
Verification scale interval	e = kg *
Special temperature limits	10°C / 40°C

* Repeated in the vicinity of each reading face.

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 $500e$;
- $\pm 1.0e$ for loads over $500e$ up to $2000e$; and
- $\pm 1.5e$ for loads over $2000e$.

Special Temperature Limits

Ensure that instruments are only being used within the special temperature limits stated in the Technical Schedule.

TECHNICAL SCHEDULE No 6/4C/95
VARIATION No 1

Pattern: NCR Model 7880-2100 Weighing Instrument.

Submittor: NCR Corporation
2651 Satellite Blvd
Duluth Georgia 30096
USA.

1. Description of Variant 1

With single or dual model 7825 displays mounted on a column as shown in Figure 2, rather than the single display shown in Figure 1.



National Standards Commission
Notification of Change
Certificate of Approval No 6/4C/95
Change No 1

The following changes are made to the approval documentation for the

NCR Model 7880-2100 Weighing Instrument

submitted by AT&T Global Information Solutions
8-20 Napier Street
North Sydney NSW 2060.

- (a) In Certificate of Approval No 6/4C/95 and its Technical Schedule, both dated 20 June 1996, all references to the submitter should be amended to read;

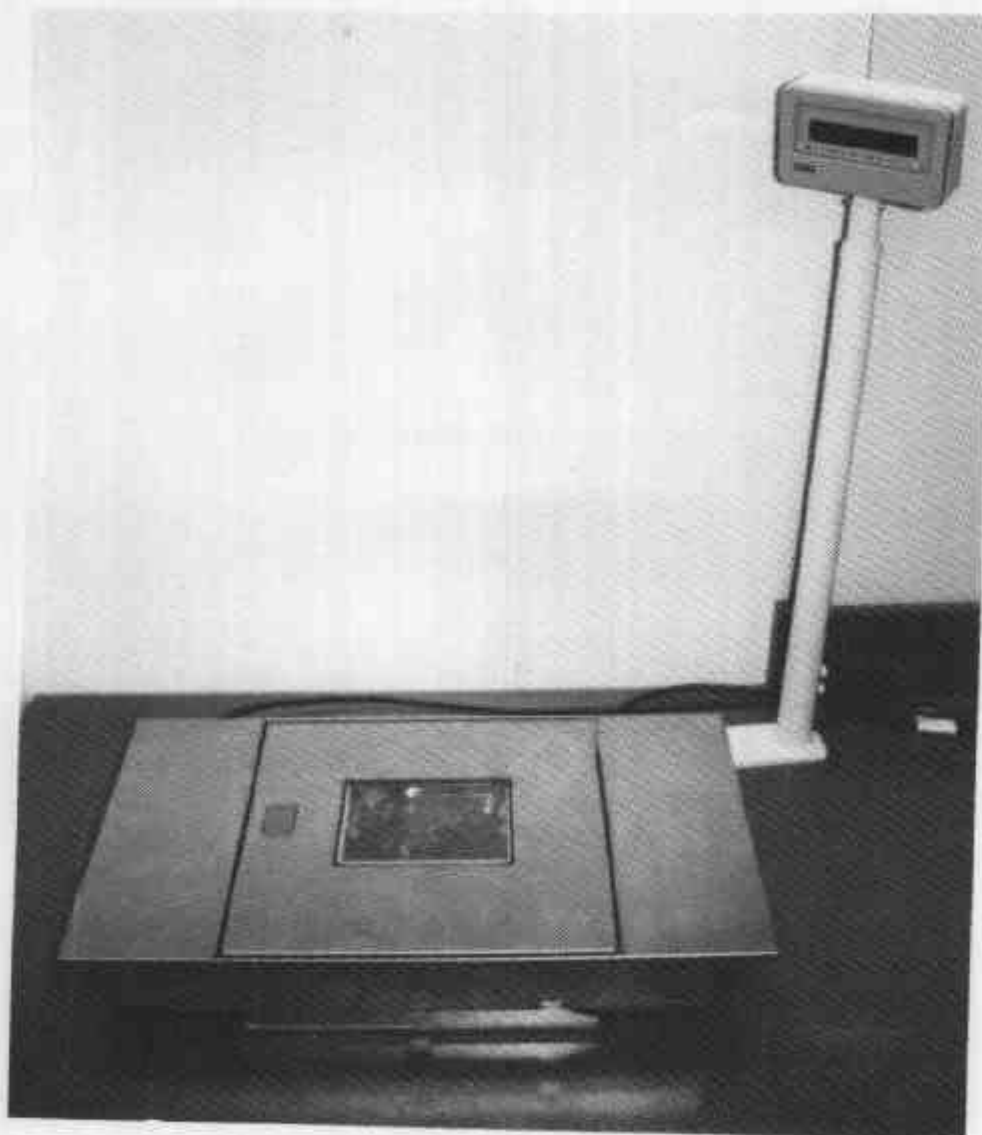
NCR Corporation
2651 Satellite Blvd
Duluth GA 30136-5810
USA

- (b) In Certificate of Approval No 6/4C/95 dated 20 June 1996, the Condition of Approval referring to the expiry of the approval should now 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.

6/4C/95
20 June 1996

FIGURE 6/4C/95 - 1



NCR Model 7880-2100 Weighing Instrument

FIGURE 6/4C/95 - 2



Showing Single and Dual Model 7825 Displays