



# NATIONAL STANDARDS COMMISSION

6/4C/59  
29/9/88

## NATIONAL MEASUREMENT (PATTERNS OF INSTRUMENTS) REGULATIONS

### REGULATION 9

#### CERTIFICATE OF APPROVAL No 6/4C/59

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

NCR Model 7824 Weighing Instrument

submitted by NCR Australia Pty Ltd  
8-20 Napier Street  
North Sydney NSW 2060.

#### CONDITIONS OF APPROVAL

This approval is subject to review on or after 1/7/93.  
This approval expires in respect of new instruments on 1/7/94.

Instruments purporting to comply with this approval shall be marked NSC No 6/4C/59.

This approval may be withdrawn if instruments are constructed other than in accordance with the drawings and specifications lodged with the Commission.

Auxiliary devices used with this instrument shall comply with the requirements of General Supplementary Certificates Nos S1/0 and/or S2/0, as appropriate.

Signed

Executive Director

#### Descriptive Advice

Pattern: approved 29/6/88

- A self-indicating weighing instrument of 9.995 kg maximum capacity with a verification scale interval of 0.005 kg.

Technical Schedule No 6/4C/59 describes the pattern.

#### Filing Advice

The documentation for this approval comprises:

Certificate of Approval No 6/4C/59 dated 29/9/88  
Technical Schedule No 6/4C/59 dated 29/9/88  
Test Procedure No 6/4C/59 dated 29/9/88  
Figures 1 and 2 dated 29/9/88



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## TECHNICAL SCHEDULE No. 6/4C/59

Pattern: NCR Model 7824 Weighing Instrument.

Submitter: NCR Australia Pty Ltd  
8-20 Napier Street  
North Sydney NSW 2060.

### 1. Description of Pattern

A self-indicating weighing instrument (Figure 1) of 9.995 kg maximum capacity with a verification scale interval of 0.005 kg, and with an inbuilt bar code scanning device. The instrument may be fitted with output sockets for the connection of peripheral and/or auxiliary devices, including an additional mass display.

The instrument may also be in an alternative housing as shown in Figure 2.

#### 1.1 Zero

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

#### 1.2 Display Check

A display check is initiated whenever power is applied.

#### 1.3 Scanner

The instrument is fitted with an inbuilt laser scanner for reading bar codes.

#### 1.4 Markings

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

Manufacturer's name or mark	
Serial number	
NSC approval number	NSC No 6/4C/59
Accuracy class	(III)
Maximum capacity	Max ... kg *
Minimum capacity	Min ... kg *
Verification scale interval	$e = d =$ ... kg *
Special temperature limits	10°C to 40°C

\* These markings are repeated close to each reading face.

#### 1.5 Verification Provision

Provision is made for a verification mark to be applied.



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## TEST PROCEDURE No 6/4C/59

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

The results shall not exceed the maximum permissible errors specified in Document 118, 2nd Edition, October 1986.

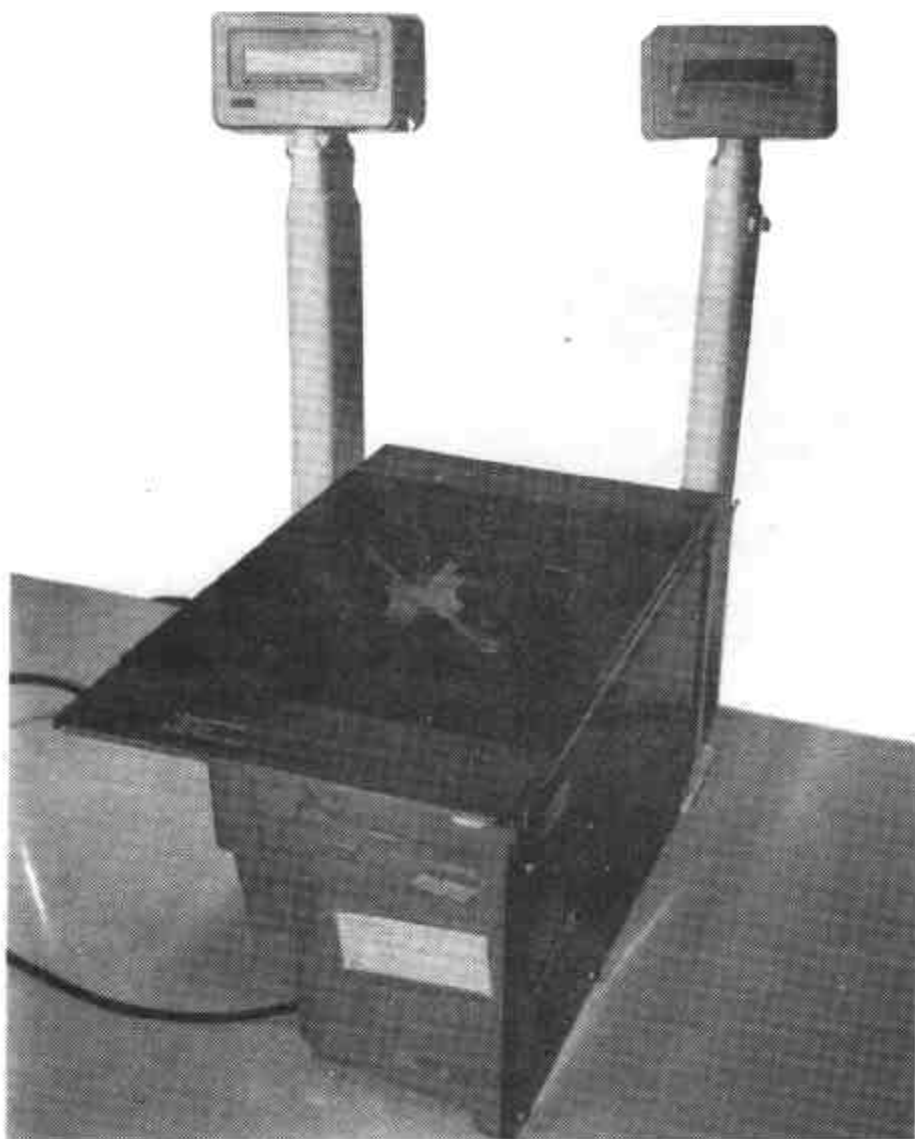
### 1. Zero Range

The maximum range of operation of the zero setting device should not exceed 4% of the maximum capacity. The device shall be capable of both negative and positive adjustments of at least one-quarter of the zero adjustment range. With zero balance indicated apply a load of, say, 3.5% of maximum capacity, turn the power off and then back on; the instrument should not rezero.

FIGURE 6/4C/59 - 1



FIGURE 6/4C/59 - 2



In Alternative Housing