



## National Standards Commission

12 Lyonpark Road, North Ryde NSW

### **Cancellation Certificate of Approval No 6/4D/277**

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

NUWEIGH Model 8288P Weighing Instrument

submitted by Newcastle Weighing Pty Ltd  
104-114 Hannell Street  
Wickham NSW 2293

has been cancelled in respect of new instruments as from 1 July 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 6/4D/277

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

NUWEIGH Model 8288P Weighing Instrument

submitted by Newcastle Weighing Pty Ltd  
12-16 Annie Street  
Wickham NSW 2293.

**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 is subject to review on or after 1 November 1999.  
~~This approval expires in respect of new instruments on 1 November 2000.~~

Instruments purporting to comply with this approval shall be marked NSC No 6/4D/277 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.

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

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

#### DESCRIPTIVE ADVICE

**Pattern:** approved 31 October 1993

- A NUWEIGH model 8288P self-indicating price-computing weighing instrument with a maximum capacity of 30 kg.

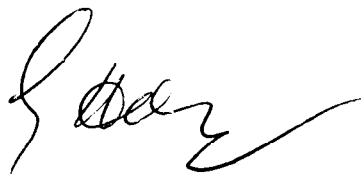
Technical Schedule No 6/4D/277 describes the pattern.

#### FILING ADVICE

The documentation for this approval comprises:

Certificate of Approval No 6/4D/277 dated 3 February 1995  
Technical Schedule No 6/4D/277 dated 3 February 1995 (incl. Test  
Procedure)  
Figure 1 dated 3 February 1995

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

## TECHNICAL SCHEDULE No 6/4D/277

**Pattern:** NUWEIGH Model 8288P Weighing Instrument.

**Submitter:** Newcastle Weighing Pty Ltd  
12-16 Annie Street  
Wickham NSW 2293.

### 1. Description of Pattern

A NUWEIGH model 8288P self-indicating price-computing weighing instrument of 30 kg capacity with a verification scale interval of 0.010 kg. Instruments have unit price to \$999.99/kg, price to \$9999.99, and may be fitted with output sockets for the connection of peripheral and/or auxiliary devices.

Instruments may be as shown in Figure 1 or in alternative housings.

Instruments are fitted with a Hae Chang model CBH-K30 load cell of 30 kg capacity.

#### 1.1 Zero

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

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 Tare

A semi-automatic subtractive taring device of up to 9.990 kg capacity may be fitted.

#### 1.3 Display Check

A display check is initiated whenever power is applied.

#### 1.4 Levelling

The instrument is provided with adjustable feet and a level indicator.

#### 1.5 Verification/Certification Provision

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

## 1.6 Sealing Provision

Provision is made for the calibration adjustment to be sealed.

## 1.7 Markings

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

Manufacturer's name or mark	
Serial number	
NSC approval number	NSC No 6/4D/277
Accuracy class	III
Maximum capacity	Max ..... kg *
Minimum capacity	Min ..... kg *
Verification scale interval	e = ..... kg *
Maximum subtractive tare	T = - ..... kg

\* Repeated adjacent to each reading face.

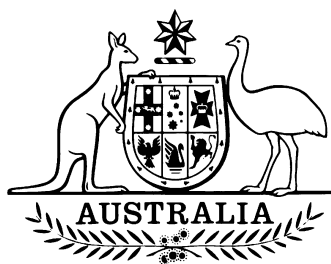
## TEST PROCEDURE

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  $2000e$ .



**National Standards Commission**

12 Lyonpark Road, North Ryde NSW

**Notification of Change**

**Certificate of Approval No 6/4D/277**

**Change No 1**

The following changes are made to the approval documentation for the

NUWEIGH Model 8288P Weighing Instrument

submitted by Newcastle Weighing Pty Ltd  
formerly of  
12-16 Annie Street  
Wickham NSW 2293.

1. In Certificate of Approval No 6/4D/277 dated 3 February 1995, the Condition of Approval referring to the expiry of the approval should be deleted.
2. In Certificate of Approval No 6/4D/277 and its Technical Schedule, both dated 3 February 1995, the address of the submitter should be amended to read:

“104-114 Hannell Street  
Wickham NSW 2293.”

Signed by a person authorised under Regulation 63 of the National Measurement Regulations 1999 to exercise the powers and functions of the Commission under this Regulation.

FIGURE 6/4D/277 - 1



NUWEIGH Model 8288P Weighing Instrument