



SH.  
6/9C/78  
27/11/87

## NATIONAL STANDARDS COMMISSION

### NATIONAL MEASUREMENT (PATTERNS OF INSTRUMENTS) REGULATIONS

#### REGULATION 9

#### CERTIFICATE OF APPROVAL No 6/9C/78

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

Haenni Model WL 100 Weighing Instrument

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

Note: The Provisional status of this approval has now been removed.

#### CONDITIONS OF APPROVAL

##### General:

This approval is subject to review on or after 1/9/88.

This approval expires in respect of new instruments on 1/9/89.

Instruments purporting to comply with this approval shall be marked NSC No 6/9C/78. Instruments currently marked P6/9C/78 may be remarked at their next verification.

This approval may be withdrawn if instruments are constructed other than in accordance with the drawings and specifications lodged with the Commission.

##### Special:

Values obtained by the summation of readings from one or more instruments shall not be used for trade as the uncertainty of such measurements could exceed the maximum permissible errors for class 4 weighing instruments.

Signed

Executive Director

#### Descriptive Advice

Pattern: provisionally approved 19/8/83 - approved 17/7/87

- A self-indicating class 4 platform weighing instrument of 10 t maximum capacity with a verification scale interval of 0.05 t.

Technical Schedule No 6/9C/78 describes the pattern.

Variant: approved 17/7/87

1. Model WL 101 weighing instrument.

Technical Schedule No 6/9C/78 Variation No 1 describes the variant.

Filing Advice

Provisional Certificate of Approval No P6/9C/78 dated 26/9/83 is superseded by this Certificate and may be destroyed.

The Provisional status of this approval has now been removed, and any reference to Provisional or P in the approval documentation or on any instrument purporting to comply with this approval, should now be removed.

The description given in clause 1. Description of Pattern of Technical Schedule No 6/9C/78 dated 26/9/83 should be amended to read:

"A self-indicating class 4 platform weighing instrument (Figure 1) of 10 t maximum capacity with a verification scale interval of 0.05 t."

The documentation for this approval now comprises

Certificate of Approval No 6/9C/78 dated 27/11/87  
Technical Schedule No 6/9C/78 dated 26/9/83  
Technical Schedule No 6/9C/78 Variation No 1 dated 27/11/87  
Test Procedure No 6/9C/78 dated 26/9/83  
Figure 1 dated 26/9/83  
Figure 2 dated 27/11/87



# NATIONAL STANDARDS COMMISSION

## TECHNICAL SCHEDULE No 6/9C/78

Pattern: Haenni Model WL 100 Platform Weighing Instrument

Submitter: J W Wedderburn & Sons Pty Ltd  
90 Parramatta Road  
Summer Hill, New South Wales, 2130.

### 1. Description of Pattern

A self-indicating class 4 platform weighing instrument (Figure 1) of 10 t capacity by 0.05 t scale intervals for measuring the load on individual wheels of road vehicles.

#### 1.1 Platform

The platform has the weighing area marked by a groove and is supported by compressible liquid-filled tubes which are indirectly connected to the dial indicator.

#### 1.2 Indicator

The dial indicator has a maximum of 200 scale intervals with approximately 0.6 scale interval per degree of arc and with the first 10 scale intervals coloured RED.

#### 1.3 Zero Adjustment

Zero is set by a knob on the side of the indicator.

#### 1.4 Level Indicator

Adjacent to the level indicator is a notice advising that the measurement may not be correct unless the instrument is level.

#### 1.5 Markings

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

Manufacturer's name or mark	
Serial number	
NSC approval number	NSC No P6/9C/78
Accuracy class	IIII
Maximum capacity	Max = 10 t
Minimum capacity	Min = 0.5 t
Verification scale interval	e = d = 0.05 t

#### 1.6 Verification mark

Provision is made for a verification mark to be applied.

TEST PROCEDURE No 6/9C/78

The maximum permissible errors are:

- ±0.5e for loads between 0 and 50e
- ±1.0e for loads between 51e and 200e

1. Load Test

Test loads are to be applied, using the special fittings supplied, increasing in at least 5 approximately equal steps to maximum capacity, followed by decreasing loads in 5 approximately equal steps to zero load .



# NATIONAL STANDARDS COMMISSION

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## TECHNICAL SCHEDULE No 6/9C/78

### VARIATION No 1

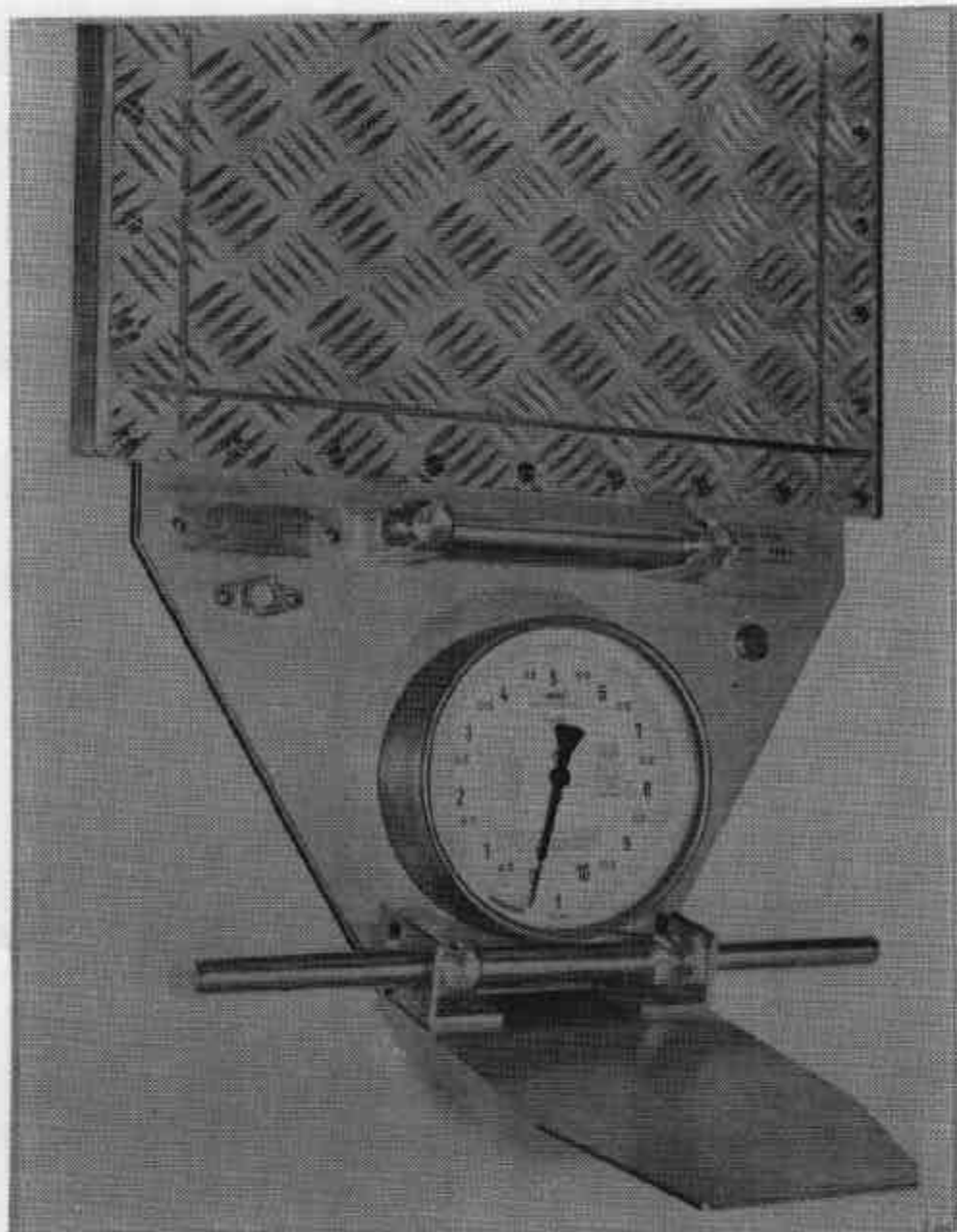
Pattern: Haenni Model WL 100 Platform Weighing Instrument

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

#### 1. Description of Variant 1

The model WL 101 which is similar to the pattern but has a modified construction including the upper surface plate (Figure 2).

FIGURE 6/9C/78 - 1

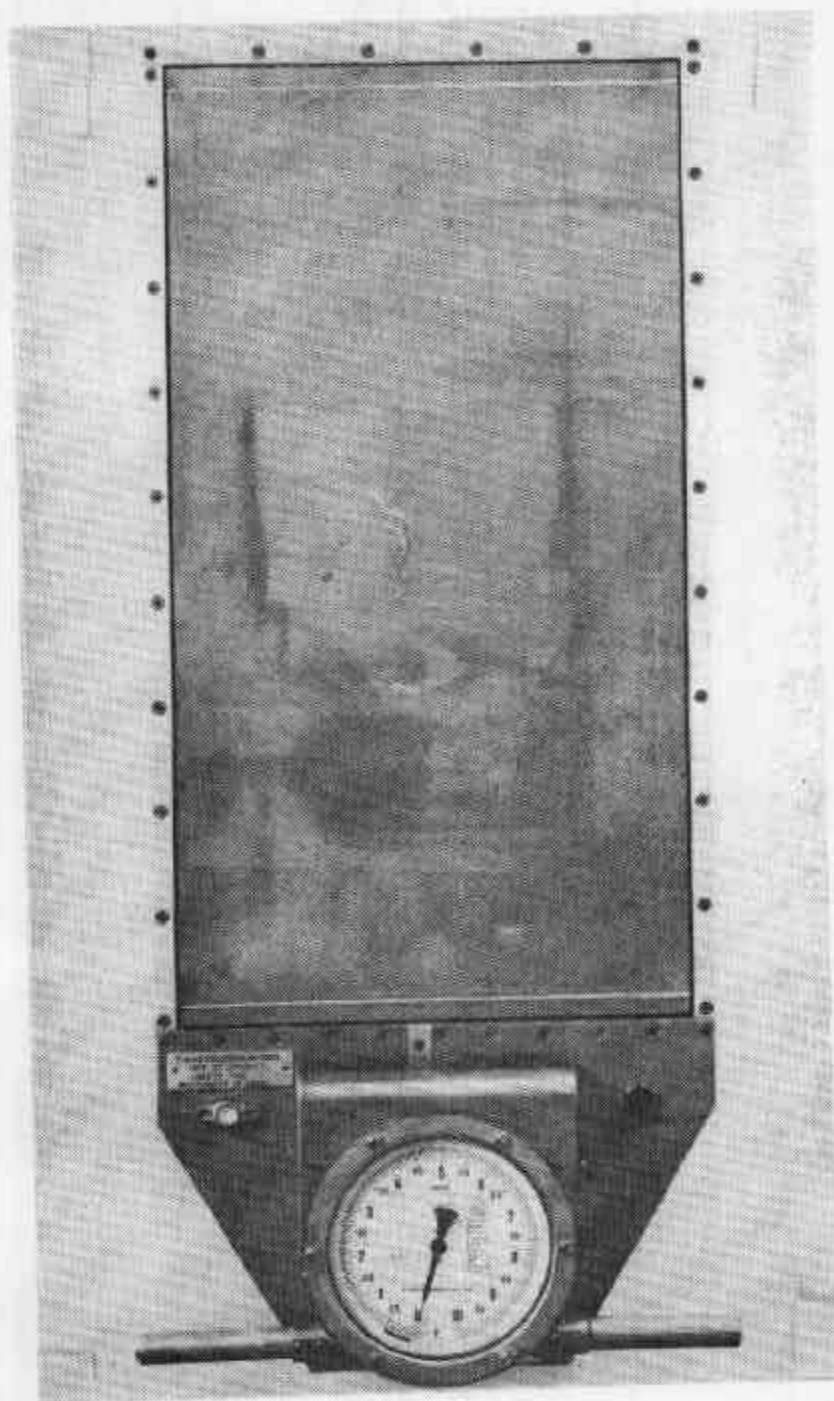


Hoerni Model WL 100 Platform Instrument

26/9/83

6/9C/78  
27/11/87

FIGURE 6/9C/78 - 2



Haenni Model WL 101