NATIONAL STANDARDS COMMISSION

NATIONAL MEASUREMENT (PATTERNS OF INSTRUMENTS) REGULATIONS

REGULATION 9

CERTIFICATE OF APPROVAL No 6/9C/42A

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

Toledo Model 2985 Platform Weighing Instrument

submitted by Toledo Scale (Australia) Ltd
525 Graham Street
Port Melbourne Vic 3207.

This Certificate is issued upon completion of a review of NSC approval No 6/9C/42.

CONDITIONS OF APPROVAL

This approval is subject to review on or after 1/11/92.
This approval expires in respect of new instruments on 1/11/93.

Instruments purporting to comply with this approval shall be marked NSC No 6/9C/42A.

This approval may be withdrawn if instruments are constructed other than in accordance with the drawings and specifications lodged with the Commission.

The values of the performance criteria (maximum number of scale intervals etc.) applicable to the instrument shall be within the limits specified in this approval or in any approval documentation for the components, where they are approved separately.

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

The load cells shall be subject to regular certification by the Commission.

Signed

Executive Director

Descriptive Advice

Pattern: approved 20/10/87

- A self-indicating platform weighing instrument of up to 750 kg capacity.

Technical Schedule No 6/9C/42A describes the pattern.

..../2

Filing Advice

The documentation for this approval comprises:

Certificate of Approval No 6/9C/42A dated 9/12/87
Technical Schedule No 6/9C/42A dated 9/12/87
Test Procedure No 6/9C/42A dated 9/12/87
Figure 1 dated 9/12/87

NATIONAL STANDARDS COMMISSION

TECHNICAL SCHEDULE No 6/9C/42A

Pattern: Toledo Model 2985 Platform Weighing Instrument

Submittor: Toledo Scale (Australia) Ltd
525 Graham Street
Port Melbourne Vic 3207

1. Description of Pattern

A model 2985 self-indicating platform weighing instrument of up to 750 kg capacity and approved for use with up to 4000 verification scale intervals.

1.1 Basework (Figure 1)

A two lever flexure system with a Toledo model 0721 or 0723 load cell of up to 90 kg capacity as described in the documentation of NSC approvals No S111A or No S112A respectively.

The basework is supported on 4 adjustable feet and adjacent to the level indicator is a notice advising that the instrument must be level when in use.

1.2 Indicator

The instrument may be used with a Toledo model 8142 digital indicator as described in the documentation of NSC approval No S206.

1.3 Markings

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

Manufacturer's name or mark		
Serial number of the instrument		
NSC approval number		NSC No 6/9C/42A
Accuracy class		(III)
Maximum capacity		Max ..... kg *
Minimum capacity		Min ..... kg *
Verification scale interval		e = d = ... kg *
Maximum subtractive tare		T = - ..... kg
Load cell approval number	)	
Headwork approval number	)	where appropriate
Basework approval number	)	
Load cell serial number	-	alternatively, this may be marked on a metal tag sealed to the indicator.

* These are repeated adjacent to each reading face.

1.4 Verification Provision

Provision is made for a verification mark to be applied.

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TEST PROCEDURE No 6/9C/42A

All load applications to the instrument should be in accordance with the Commission's recommended testing procedure for the elimination of rounding error as set out in Document 104.

The maximum permissible errors are:

± 0.5e for loads between 0 and 500e;
± 1.0e for loads between 501e and 2000e.
± 1.5e for loads above 2000e.

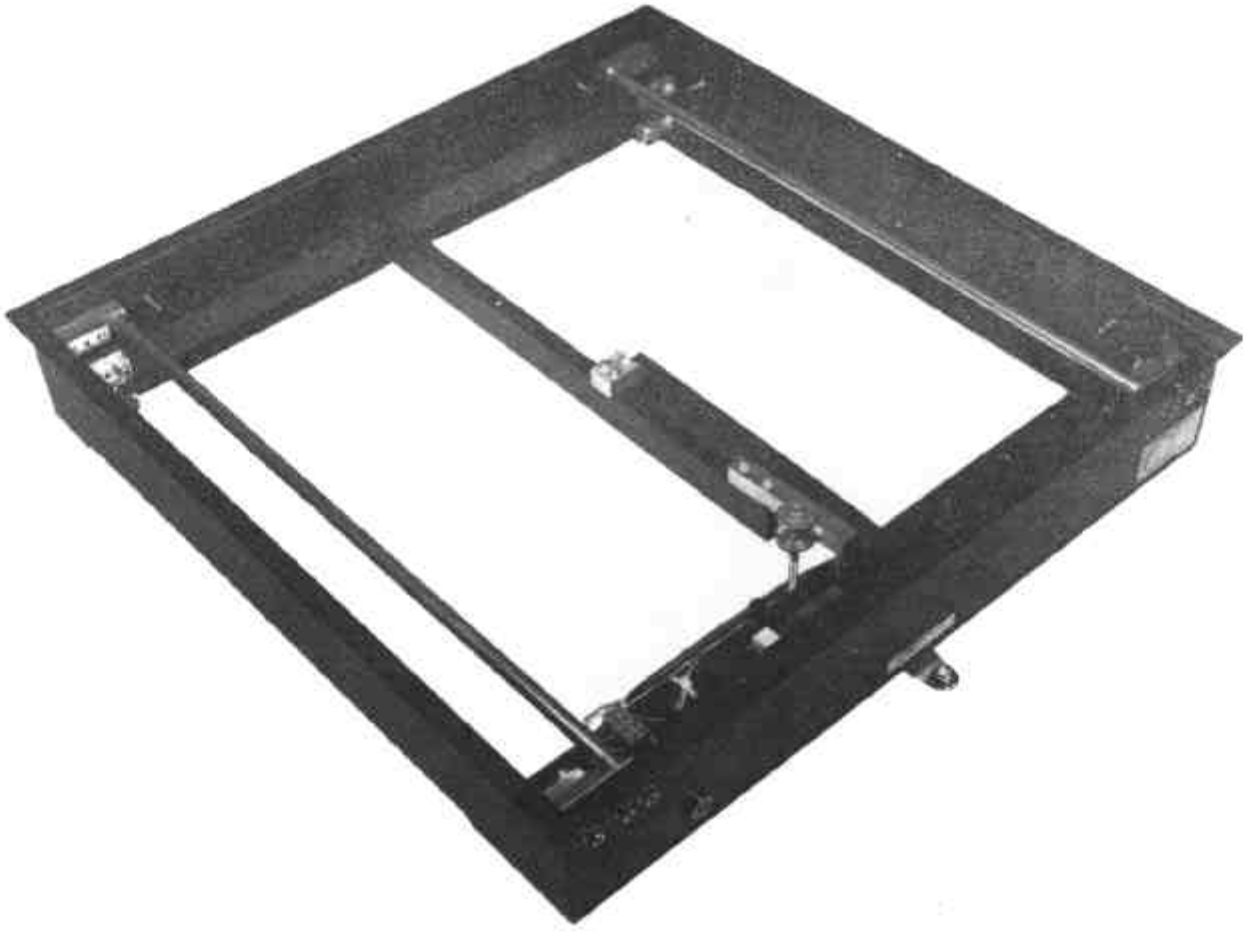
1. Range of Indication

The maximum mass indicated should not exceed the marked maximum capacity by more than 10e; above this indicated mass the indication should be blank or show non-numerical characters.

2. Load Test

Test loads are to be applied to the instrument in not less than 5 approximately equal steps increasing to maximum capacity, followed by decreasing loads in not less than 5 approximately equal steps to zero load.

FIGURE 6/9C/42A - 1



Toledo Model 2985 Basework