



Australian Government
**National Measurement
Institute**

Bradfield Road, West Lindfield NSW 2070

Certificate of Approval

No 6/10B/84

Issued by the Chief Metrologist under Regulation 60
of the
National Measurement Regulations 1999

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

Siemens Model Scissor Lift Weighing Instrument

submitted by Atrax Group
 390a Church Street
 Penrose Auckland
 NEW ZEALAND.

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.

This approval has been granted with reference to document NMI R 76, *Non-automatic weighing instruments, Parts 1 and 2*, dated July 2004.

CONDITIONS OF APPROVAL

This approval becomes subject to review on 1 May 2015, and then every 5 years thereafter.

Instruments purporting to comply with this approval shall be marked with approval number 'NMI 6/10B/84' and only by persons authorised by the submitter. Note: Instruments marked P6/10B/84 may be remarked 6/10B/84.

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 National Measurement Institute (NMI) 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 document NMI P 106.

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

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

This approval shall NOT be used in conjunction with General Certificate No 6B/0.

Special Condition of Approval:

The approval is limited to an instrument located at DHL Global Forwarding, Link Road, Tullamarine VIC.

DESCRIPTIVE ADVICE

Pattern: provisionally approved 6 July 2009
approved 28 April 2010

- A Siemens model Scissor Lift class (III) non-automatic weighing instrument of 10 000 kg maximum capacity with a verification scale interval of 5 kg.

Technical Schedule No 6/10B/84 describes the pattern.

FILING ADVICE

The documentation for this approval comprises:

Certificate of Approval No 6/10B/84 dated 29 April 2010
Technical Schedule No 6/10B/84 dated 29 April 2010 (incl. Test
Procedure)
Figure 1 dated 29 April 2010

Signed by a person authorised by the Chief Metrologist
to exercise his powers under Regulation 60 of the
National Measurement Regulations 1999.

A handwritten signature in black ink, consisting of a series of loops and a long horizontal stroke at the bottom.

TECHNICAL SCHEDULE No. 6/10B/84

Pattern: Siemens Model Scissor Lift Non-automatic Weighing Instrument

Submittor: Atrax Group
390a Church Street
Penrose Auckland
NEW ZEALAND

1. Description of Pattern

A Siemens model Scissor Lift class III non-automatic single interval self indicating weighing instrument (Figure 1) of 10 000 kg maximum capacity with a verification scale interval of 5 kg.

The instrument comprises a scissor lift on which are mounted four load cells which support the load receptor. The load receptor is fitted with a roller deck and may be raised and lowered by means of the hydraulic scissor-action lifting mechanisms.

The instrument is approved only for use with the roller deck of the load receptor and the scissor-action lifting mechanism being stationary.

The load receptor deck has maximum nominal dimensions of 4.6 × 2.28 m.

Note: As described in the Test Procedure, the instrument shall be tested both with its load receptor in the up (highest) and down (lowest) positions.

1.1 Load Cells

Four Celtron model SEB 5t class C3 load cells of 5000 kg maximum capacity are used, as described in the documentation of approval NMI S415.

1.2 Indicator

An Avery Weigh-Tronix model E1210 digital indicator is used, as described in the documentation of approval NSC S458.

1.3 Verification Provision

Provision is made for a verification mark to be applied.

1.4 Descriptive Markings

Instruments carry the following markings:

Manufacturer's mark, or name written in full	Atrax
Indication of accuracy class	III
Maximum capacity	Max kg #
Minimum capacity	Min kg #
Verification scale interval	e = kg #
Maximum subtractive tare (if less than Max)	T = - kg
Serial number of the instrument
Pattern approval mark for the instrument	6/10B/84

These markings shall also be shown near the display of the result if they are not already located there.

1.5 Sealing Provision

Provision is made for the calibration adjustments of the instrument to be sealed as described in the approval documentation for the indicator used.

TEST PROCEDURE

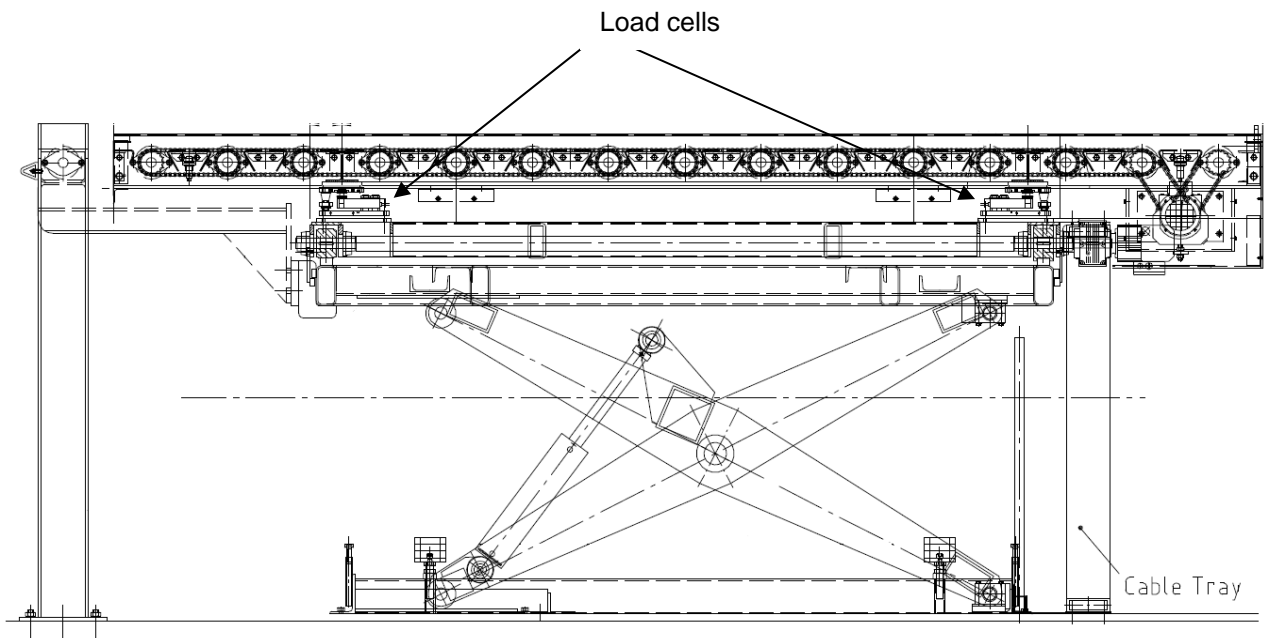
Instruments should be tested in accordance with any relevant tests specified in the Uniform Test Procedures.

The instrument shall be tested both with its load receptor in the up (highest) and down (lowest) positions.

Maximum Permissible Errors

The maximum permissible errors are specified in Schedule 12 of the *National Measurement Regulations 1999*.

FIGURE 6/10B/84 – 1



Siemens Model Scissor Lift Non-automatic Weighing Instrument