



Weights and Measures
(National Standards)
Act 1960-1964

Weights and Measures
(Patterns of Instruments)
Regulations

CANCELLED

0/3
31-12-90

COMMONWEALTH OF AUSTRALIA

NATIONAL STANDARDS COMMISSION

Certificate of Approval

CERTIFICATE NUMBER 6/18/1

In respect of the pattern of

ASE Self-indicating Overhead Track Scale and Variants 1 and 2.

Submitted by: Agta Pty. Ltd. ,
125 Regent Street,
Sydney,
New South Wales. 2000.

Manufactured by: August Sauter KG,
Ebingen,
West Germany.

This is to certify that the pattern and variants of the instrument described and illustrated in this Certificate have been examined by the National Standards Commission under the provisions of the abovementioned Regulations and have been approved as being suitable for use for trade.

Approval was granted for the pattern and variants 1 and 2 on 24th August, 1967.

Approval was granted on condition that all instruments made in conformity with the pattern and variants:

1. are appropriately marked NSC No 6/18/1; and
2. comply with the General Specifications for Weighing and Measuring Instruments to be Used for Trade.

28/5/70

Cont'd over

This Certificate comprises:

Pages 1 to 3 dated 28th May, 1970.

Figures 6/18/1 - 1 to 4 dated 28th May, 1970.

Date of issue 28th May, 1970.

Signed

A handwritten signature in cursive script that reads "Jan Hoerlein".

A person authorised by the Commission
to sign Certificates under the
abovementioned Regulations.

DESCRIPTION OF PATTERN

The pattern is of a self-indicating overhead track scale of 1000 lb capacity (see Figure 1). The "live" rail of the overhead lever system is suspended from the load knife-edges of two second-order main levers by self-aligning links (see Figure 2). The track position in relation to the "dead" rail is maintained by track stays at each end of the "live" rail as shown in the main lever diagram (see Figure 3). The main levers have their fulcrum knife-edges suspended in self-aligning links; the nose-end knife-edges and the knife-edge of the transfer lever are aligned vertically and connected by a vertical linkage, the transfer lever knife-edge bearings being free to rotate about the vertical axis to allow for suitable positioning of the headwork.

The headwork is similar to that described in Certificate No 6/9C/1 and is mounted on a stand (see Figure 1) fixed to the floor and having a first-order intermediate lever which is connected to the overhead transfer lever by an adjustable rod protected to a minimum height of 6 feet above floor level.

The dial indicator (see Figure 4) rotates five times to indicate 1000 lb while the flash chart progressively changes the indicated weight values at every 10 lb. The dial has 1 lb graduations, which are numbered, and is marked "capacity 1000 lb" and "division 1 lb".

DESCRIPTION OF VARIANTS

1. The pattern having other capacities less than 1000 lb.
2. The pattern fitted with the taring device described in Certificate No 6/9C/1.

GENERAL NOTES

Notice of approval of the pattern and variants 1 and 2 described in this Certificate was given in Memorandum of Approval No 85 dated 20th September, 1967.

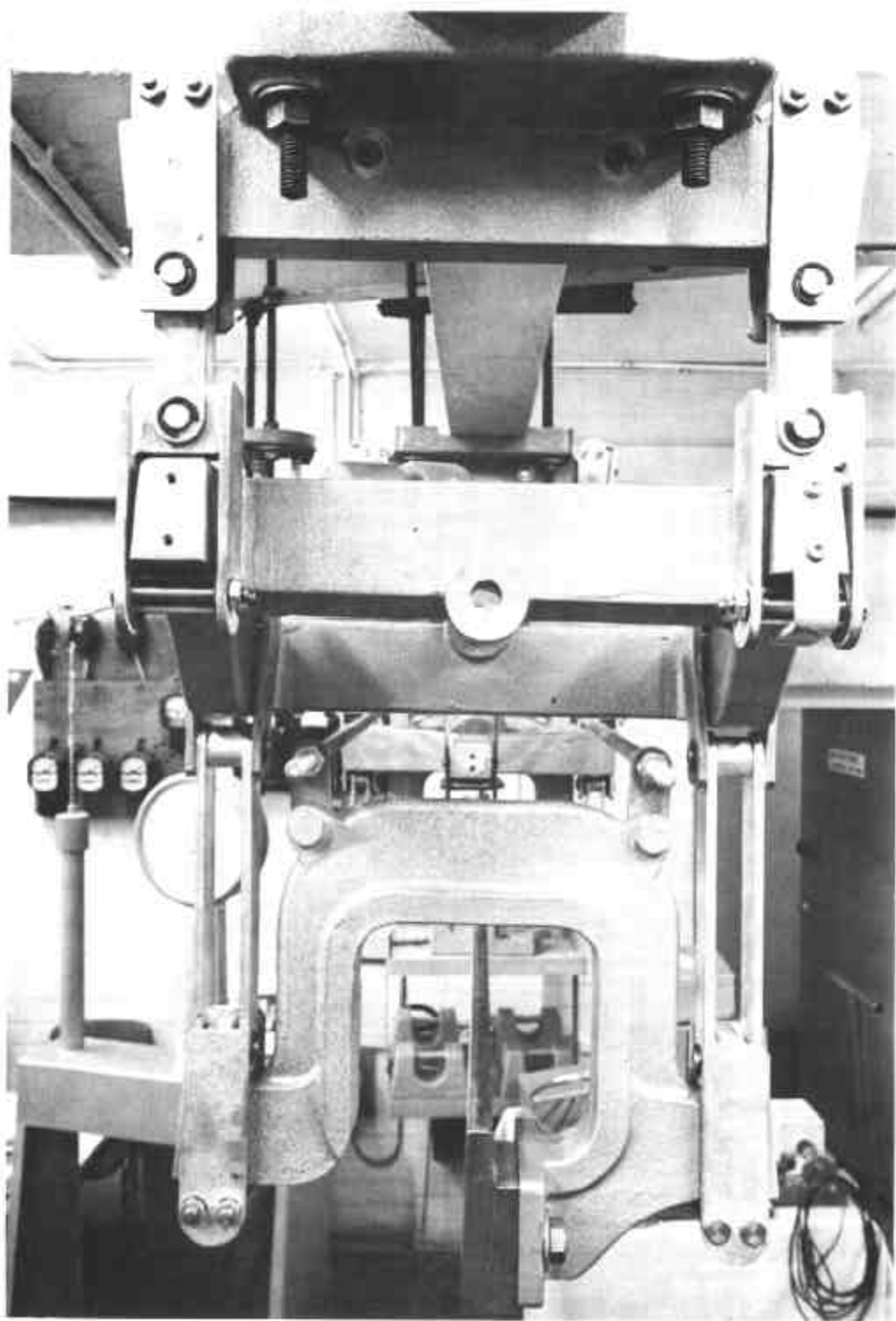
FIGURE 6/18/1 - 1



ASE Overhead Track Scale

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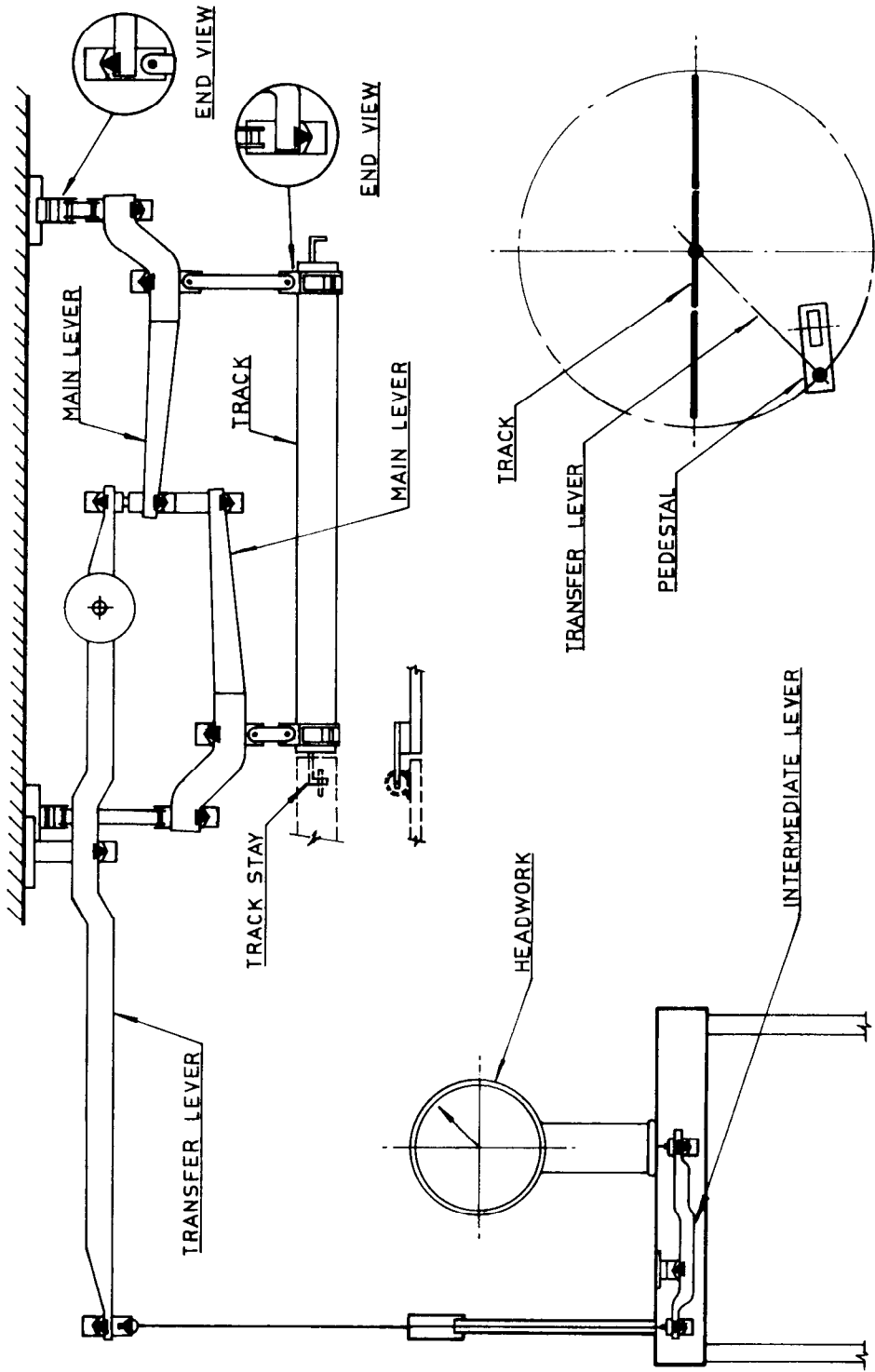
FIGURE 6/18/1 - 2



Self-aligning Links

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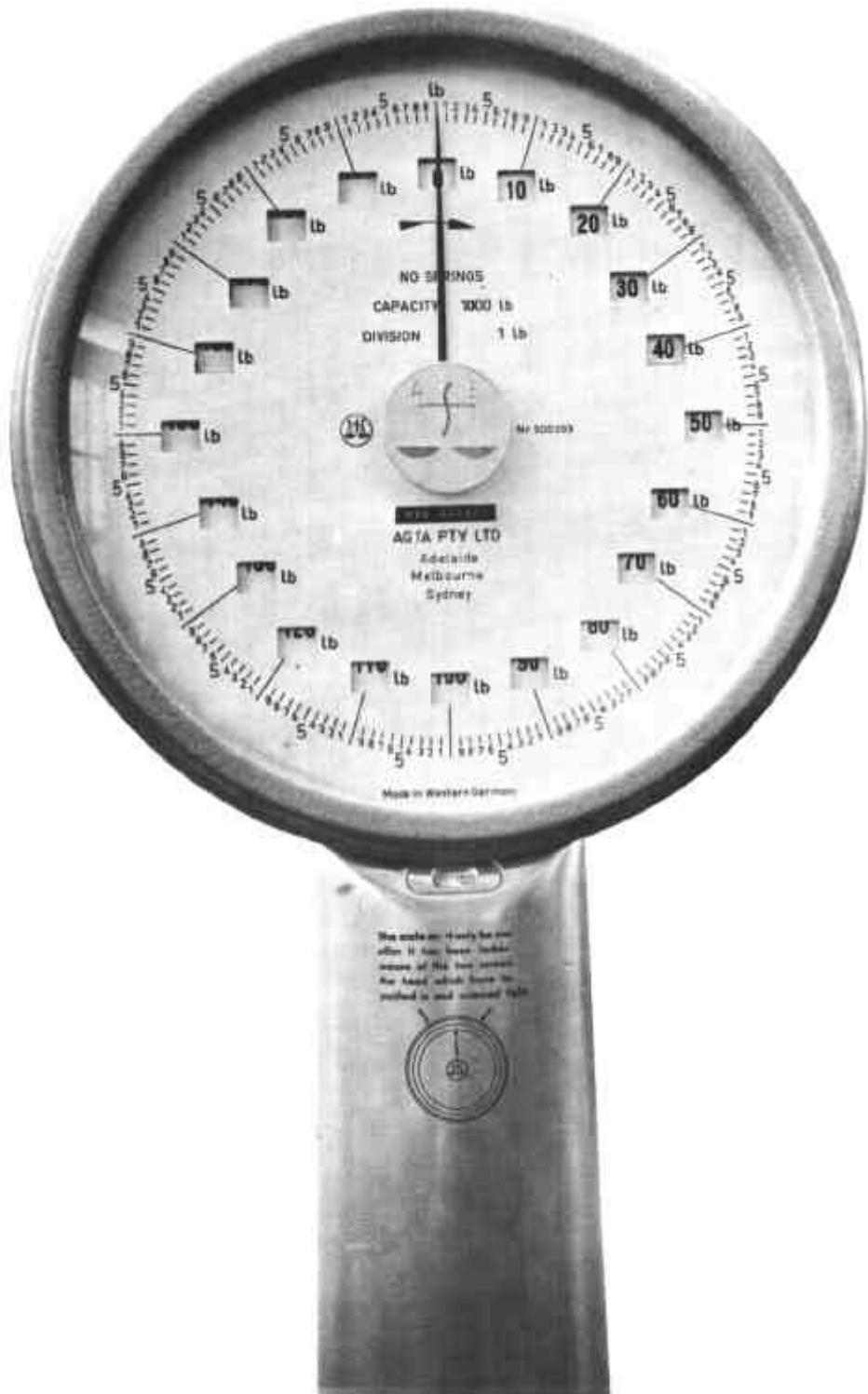
FIGURE 6/18/1 - 3



Lever Diagram

LOCATION OF PEDESTAL TO TRACK

FIGURE 6/18/1 - 4



Dial Indicator

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