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Legal Metrology/Métrieologie Légale

RECORD OF APPROVAL ACTION

Approval Listing Number

S.WA-T181

(Issued in advance of preparation of Formal Approval Notice)

OTTAWA, February 4, 1981

Company: Superior Scale Co. Ltd.,
179 Eagle Drive,
Winnipeg, Manitoba

Manufacturer: Superior Scale Co. Ltd.

Type of Device: Full electronic motor truck scale.

<u>MODEL NUMBER</u>	<u>SIZE</u>	<u>RATED* CAPACITY (tonnes)</u>	<u>No. of SECTIONS</u>	<u>SECTION CAPACITY (tonnes)</u>	<u>LOAD CELL RATING (kilograms)</u>
SSE10-8-24	10x8	24	2	18	10,000
SSE40-14-24	40x14 <i>40x10</i>	24	2	18	10,000
SSE10-8-60	10x8	60	2	45	25,000
SSE40-14-60	40x14	60	2	45	25,000
SSE50-50-75	50x10	75	3	40	25,000
SSE70-12-75	70x12	75	3	40	25,000
SSE80-10-75	80x10	75	4	40	25,000
SSE100-14-75	100x14	75	4	40	25,000

*or avoirdupois equivalent

Approved Accessories: These devices may be used with any approved compatible accessory.

Application: Single draft, static weighing of motor trucks for trade use.

Device Description: These devices are full electronic motor truck scales utilizing Transducer double ended shear beam load cells. The load cells are horizontally mounted directly under the main I-beams of the weighbridge with both ends rigidly affixed to the load cell stand.

Device Description: Cont'd

The load is vertically applied to the load cells, by means of a chair and a "Unilink". Each of the two legs of the chair rests on the supporting points of the "Unilink", which applies the vertical shearing force to the load cells.

The support points of the Unilink are located approximately 2½" lower than the point loading on the load cells thus permitting free horizontal movement of the weighbridge in the longitudinal movement axis. Conventional bumper bolts restrict the longitudinal movement and the lateral movement is restricted by the Unilink.

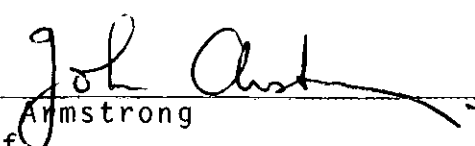
These devices can be pit mounted or they can be installed as a low profile. The pit mounted model is identified by the prefix SSP i.e., SSP70-12-75, Pit type, 70ft. long, 12ft. wide, 75 tonne capacity.

Conditions of Approval:

10 devices as authorized by my letter of Sept. 21/81

- (1) This approval covers 5 devices only. Each device sold must be reported to the Chief, Weights and Measures by the manufacturer.
- (2) No device shall be sold for use in trade without written disclosure to the purchaser, prior to the sale, that the device has received only temporary approval.
- (3) This approval to expire one year from date of issue.

Reference No. *PMA* 66922-S1024



John Armstrong
Chief
Weights and Measures Division
Legal Metrology Branch