Consumer and Corporate Affairs Corporations

Consommation et

Standards

Normes

NOTICE OF APPROVAL AVIS D'APPROBATION

S.WA-811

January 5, 1976

## ELECTRONIC LOAD CELL CRANE SCALE

MANUFACTURED BY: Finlayson Controls Ltd.,

North Burnaby, B.C.

(for) Mantle Industries Ltd.,

North Burnaby, B.C.

APPARATUS: Electronic Crane Scale, Model FC-3255-P.

Capacity, 300,000 pounds. RATING:

The weighing of wood-logs in trade. APPLICATION:

DESCRIPTION: This weighing system consists of a load suspension assembly and an electronic digital indicator with a weight printer.

The load suspension assembly incorporates a strain gauge load cell, in conjunction with a load application mechanism such as to maintain axial loading of the cell, in the compression mode. The assembly is fitted with suitable shackles to provide for support and load suspension.

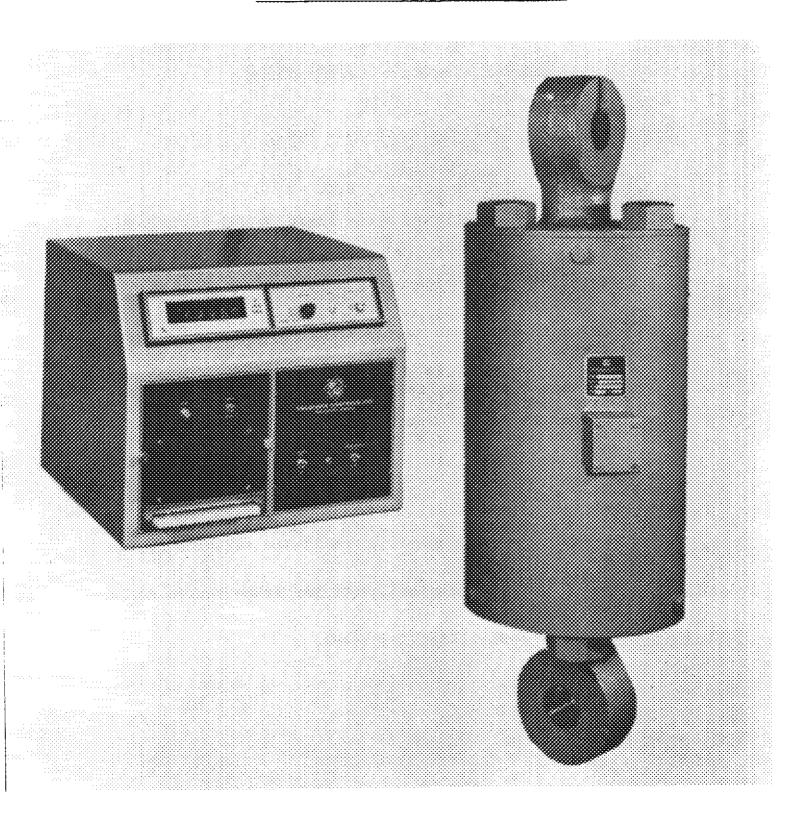
The indicator unit consists mainly of a Dana model 3255 digital voltmeter designed for use with transducer measuring systems. The digital display consists of five numeral tubes, providing indication to the nearest one hundred pounds. The printer is activated by means of a push button and is inhibited from operation until the weighing system is at rest.

TESTING: The standard tests for crane scales shall

apply.

REFERENCE: GL 1153-57/M365-388.

## ELECTRONIC LOAD CELL CRANE SCALE



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## SPECIAL CONDITIONS:

- 1. The use of this system is restricted to the weighing of wood-logs.
- 2. In-service limits of error are to be ±0.5% of applied load.

CONDITIONS OF APPROVAL: Approval is granted under the Weights and Measures Act. S.C. 1970-71-72, Chapter 36, and the Weights and Measures Regulations P.C. 1974-1461 of June 27, 1974 for use in Canada under the general conditions of the said Regulations, and under any special conditions listed above.

R. W. MacLean Director General

Standards Directorate