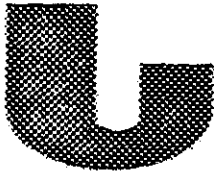




Department of consumer and corporate affairs / Ministère de la consommation et des corporations



STANDARDS BRANCH - DIRECTION DES NORMES

NOTICE OF APPROVAL - AVIS D'APPROBATION

NO.

S.WA-772

DATE

Ottawa, February 3, 1971

Approved: MARTIN-DECKER CRANE SCALE - SERIES SDP

manufactured by Martin-Decker Corporation, 1928 South Grand Avenue, Santa Ana, California.

Apparatus Listed: Hydraulic Crane Scale with electronic weight readout and printer, Model SDP-10.

Load Rating: Maximum capacity - 300,000 pounds.

Application: The weighing of wood logs.

Special Conditions:

1. These scales are restricted to the weighing of wood logs.
2. Tolerance is to be $\pm 0.50\%$ of applied load.

Description: This scale utilizes a hydraulic load cell for weight sensing. On load application, pressure is developed by means of a load plate acting on a diaphragm in an oil-filled chamber.

Load pressure is converted to an electrical signal by means of a capacitance type transducer and associated circuitry. Weight values are displayed by means of alphanumeric readout tubes. Weight recording is performed by an electromechanical printer.

Testing: Reference force standards used for testing of these scales shall be accurate to $\pm 0.05\%$ of applied load.

References: SW-85-M18

SL-102-621

Note: Approval is granted under the Weights and Measures Act, Chapter 292, and Regulation thereunder (P.C. 6894) for use in Canada under the general conditions of P.C. 6894, and under any special conditions listed above.

(for) Chief
Weights and Measures Division
Standards Branch

H.W. MacLean
Director
Standards Branch

MARTIN-DECKER CRANE SCALE - SERIES SDP

