CANADA

DEPARTMENT OF TRADE AND COMMERCE

STANDARDS BRANCH

S-WA.534

OTTAWA, October 22, 1964.

APPROVAL LISTING

"PROTECTALL" INTERLOCK DEVICE FOR TRUCK METER TICKET PRINTERS

Under the provisions of the Weights and Measures Act Chapter 292 R.S.C. 1952 and Regulations thereunder (P.C. 6894) the apparatus specified and illustrated herein have been listed as approved devices and may be used in Canada in accordance with the conditions applicable.

Apparatus Listed: "Protectall" interlock device for use with ticket-printers on truck-mounted meters, model numbers as follows:

Model No. of "Protectall"	Model Numbers of Corresponding Ticket Printers
P.A.L. - 1	Lockheed models 801, 802, 803, 804, 811, 812, 813 and 814.
P.A.N. - 1	Neptune models 433, 434 and 444.
P.A.V. - 1	Veeder-Root series 151-500, 151-600, 151-700, and 151-800. Also series 169-300, 169-400, 169-500 and 169-600.

Manufactured by Diesel Equipment Ltd., 139 Laird Drive, Toronto, Ontario.

Rating of Apparatus: The interlock may be used with truck meters of various capacities.

Conditions: As prescribed in P.C. 6894. Each "Protectall" must bear a permanently attached metal nameplate bearing the model number of the interlock and the make of the ticket-printers for which it is designed.

Application: Designed for use on ticket-printers on truck-mounted meters such as on fuel oil and liquid propane delivery trucks.

Description: As shown in the photographs overleaf, the device is mechanically connected to the shaft of the ticket feed knob. A small cylinder (with piston) that controls the interlock lever-cam arrangement is connected to the air or hydraulic brake lines

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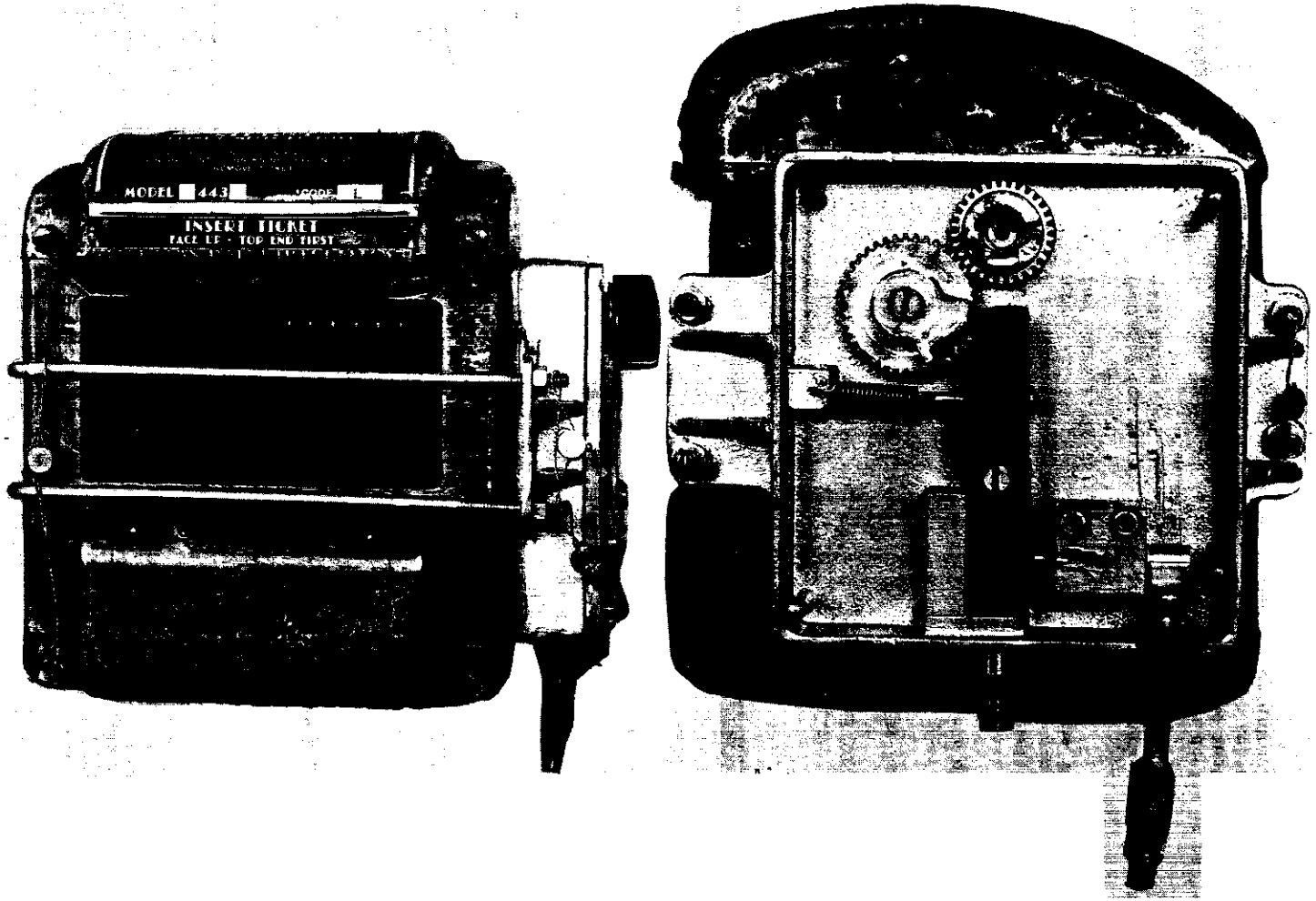

Description (cont'd) of the truck. The arrangement of the device is such that a ticket cannot be inserted until the truck brakes are engaged, and it must be removed while they are still engaged. If the brakes are released before the ticket is removed, the interlock prevents removal of the ticket. The seal on the "Protectall" must be broken and the device manually reset to release the ticket.

This device serves to prevent the delivery of fuel while the truck brakes are not engaged. It ensures that a ticket must be put in the meter, and printed after delivery before the truck is moved.

Testing: Meters with these interlocks on the ticket-printer may be tested in the usual way if mounted on a truck. If being tested on a bench, the interlock can be released by applying 60# of air pressure to simulate the braking pressure, or alternately by releasing the interlock manually after removing the cover from the "Protectall". After testing, the "Protectall" is to be sealed.

If the seal on the "Protectall" is broken to release a ticket, the oil company may install its own seal after advising the District Inspector.

Meters equipped with this device may not be inspected and sealed if the "Protectall" is defective.

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