



**NOTICE OF APPROVAL
AVIS D'APPROBATION**

S.WA-1027

Ottawa, May 17, 1978

GASBOY - ALL-MECHANICAL KEYTROL SYSTEM

MANUFACTURER: Gasboy of Canada Limited
430 Industrial Road
London, Ontario

DEVICE APPROVED: Key-controlled self-serve system for use on bulk
plant meters, adaptable to meter makes as listed below:

<u>Keytrol Model No.</u>	<u>Meter Make</u>
PO217A & B	Liquid Controls
31498	A.O. Smith
32536	Neptune
32109	Rockwell-Brodie-Brooks

Model PO217B is mounted on the left side of the meter register and is driven by the main horizontal register shaft. All other models are mounted between the meter and the register and are driven by the meter shaft.

Number of key-register positions: 10 to 120.

RATING: Maximum rated shaft speed - 500 RPM.

APPLICATION: For use on approved models of bulk meters to which this Keytrol system is recommended by its manufacturer.

DESCRIPTION: This system is basically the same as the mechanical Keytrol system for retail gasoline dispensers which is approved on S.WA-735.

This system is designed to permit up to 120 customers, each furnished with a different key, to take delivery from a meter, the delivery volume being indicated on the particular customer's totalizer which is adjacent to his key slot and is visible to the customer.

The Keytrol console contains a central drive shaft which is driven either directly by the meter shaft or by the register main shaft, depending upon the cabinet mounting location. Operation of a customer's key simultaneously engages his totalizer with the central drive shaft and readies the liquid system for product delivery.

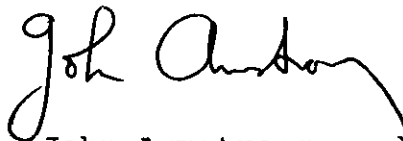
DESCRIPTION: (Continued)

By means of a mechanical interlock linkage, all other key positions are de-activated when any key is operated. In the case of a meter handling two products, thus requiring the utilization of two separate keyboxes, the electrical circuit is so arranged that the system becomes de-activated if a key is operated in one keybox when the system is already active from a key in the other keybox.

TESTING: The standard tests for a bulk meter shall apply.

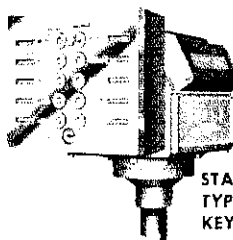
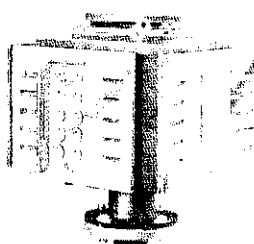
REFERENCE: G6953-G239.

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.



John Armstrong
Chief, Weights and Measures
Legal Metrology Branch

CONSOLE TYPE
KEYTROL



STANDARD
TYPE
KEYTROL