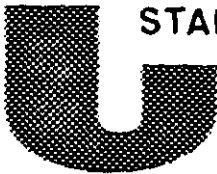




Department of consumer and corporate affairs / Ministère de la consommation et des corporations



STANDARDS BRANCH - DIRECTION DES NORMES

NOTICE OF APPROVAL

S.WA-778

OTTAWA January 13, 1970.

Approved: GILBARCO - MODEL PA65 "PRESET" SYSTEM FOR GASOLINE DISPENSERS

manufactured by Gilbarco Canada Limited, Toronto.

Apparatus Listed: The Gilbarco model PA65 series preset system, which enables a cashier in a central location to pre-determine the quantity of fuel that a customer can deliver to his vehicle.

The PA65 preset system has been approved for use in the following dispensers:

<u>Model No.</u>	<u>Description</u>
C164-124	Single suction pump; lighted
C154-124	Single suction pump; unlighted
C164-024	Single hose; remote pump; lighted
C154-024	Single hose; remote pump; unlighted
C261-124	Two suction pumps; single product; lighted
C251-124	Two suction pumps; single product; unlighted
C262-124	Two suction pumps; two products; lighted
C252-124	Two suction pumps; two products; unlighted
C261-024	Two hoses; remote pumps; single product; lighted
C251-024	Two hoses; remote pumps; single product; unlighted
C262-024	Two hoses; remote pumps, two products, lighted
C252-024	Two hoses; remote pumps; two products; unlighted

Rating of Apparatus: The rating of the dispensers is unchanged from the previously listed capacities.

Application: Measuring gasoline in retail trade at self-serve motor fuel stations.

Description: The preset unit can be installed in any dispenser that is provided with power reset. Two modifications are required to a standard gasoline dispenser:

1. A money value wheel rotation transmitter is installed on the computer. This consists of a penny wheel with ten magnets that open and close a reed switch as the wheel rotates.
2. An electrically-operated (solenoid) product control valve is added to suction pump type dispensers, and a capillary tube by-pass is installed around the valve. The product control valve closes when about 5¢ worth of product remains to be delivered and the remaining product is delivered through the by-pass tube; flow through the tube stops when the pump is shut down. In the case of dispensers with remote pumps, a separate remote pump is required for each dispenser.

In addition a control console is required at the cashier's office; this console has space for controls for 1, 2 or 3 dispensers.

An instruction plate is mounted on the front skirt of the cabinet providing step by step operating instructions for the system.

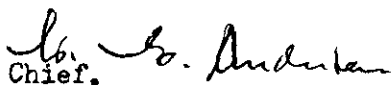
The nozzle is of the automatic shut-off type, without latch. It is mandatory nozzle be manually held open during use.


In all other respects, the operation and components are identical to standard self-contained pumps and remote dispensers.

Testing: The standard tests for a gasoline dispenser shall apply. In addition, the remote money register shall be checked for agreement with the money computer on the register. There is no need to seal the remote register, as legally the basis of sale is by the register on the dispenser.

References: SW-85-G12
SI-102-691
Letter of approval of October 27, 1969.

Note: Approval is granted under the Weights and Measures Act, Chapter 292, and Regulations 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 & Measures Division,
Standards Branch.


R. W. MacLean,
Director,
Standards Branch.