

TRADE AND COMMERCE
CANADA

SD-GA.49

STANDARDS DIVISION

OTTAWA, February 23, 1954.

MODIFICATIONS OF TYPE APPROVALBEGWACO "FLOMASTER" MARK B' GAS METER

The modifications to the apparatus specified herein have been duly approved by the Standards Division under the provisions of the Gas Inspection Act, Chapter 129, R.S. 1952, and the modified apparatus may be admitted to verification in Canada.

Apparatus Modified: "Flomaster 'Mark B'" Die-Cast Domestic Gas Meter, manufactured by Begwaco Meters (Canada) Limited, No. 40 Highway, Chatham, Ontario.

Rating of Apparatus:

Badged Capacity 200 cu.ft./hr.(air)
 Differential Pressure at
 badged capacity 0.3" water gauge, approx.
 Capacity per revolution 0.11 cu.ft.
 Connections 1"

Modifications: The modifications are five in number:-

1. An inspection cover has been fitted to the top of the meter to allow easy access for adjustment for accuracy and timing. This inspection cover comprises a die-cast cover plate and suitable cork gasket with fixing screws, wire sealed, in the usual manner. To adjust for accuracy the tangent post is taken off, withdrawing the top arms with the screw, which are retained on the screw. The hexagon nut to which this screw attaches is tapped on six faces, and rotating the nut adjusts the meter. The adjustment for timing is effected by the eccentric on the opposite end of the tangent. This eccentric is located by a countersunk screw, and the meter valves are advanced or retarded by revolving the eccentric in one direction or the other.
2. The sealing method, where the internal meter unit is secured to the outlet end of the main base, has been altered. Now separate plugs, tapped into the case, cover the securing screws and the plugs are sealed with wire in the usual way.
3. The size of the unions and bosses has been increased and now screw to American thread.
4. The front half case is secured to the rear half using two additional screws at the top corners. The original fixing screw at top middle has been eliminated.
5. All the bearings in the gear box are now fitted with stainless steel bushes.

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