

TRADE AND COMMERCE
CANADA

S-GA.225

STANDARDS BRANCH

OTTAWA March 21, 1962.

TYPE APPROVALBARTON MODEL 202A FLOW RECORDER

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

Apparatus Approved: Barton Model 202A Flow Recorder, manufactured by the Barton Instrument Corporation, Monterey Park, California, U.S.A., and distributed in Canada by Baker Instruments Limited, 185 Davenport Road, Toronto 5, Ontario.

Rating of Apparatus:

Differential Pressure Ranges 0-20, 0-25, 0-50, 0-100, 0-150, 0-200,
0-300, 0-400 inches water gauge

Maximum Working Pressure:

Cast Aluminum 356T6 1000 p.s.i.
Forged Steel A.1.S.1. C1018 1000 and 2500 p.s.i.
Forged Stainless Steel 316 1000 and 3000 p.s.i.
Forged Alloy Steel 4140 4500 and 6000 p.s.i.
Forged Stainless Steel 329 6000 p.s.i.

Static Pressure Ranges up to 0-6000 p.s.i.

Application: Measurement of differential and static pressures in orifice metering for billing purposes in distribution service of manufactured, natural and petroleum gases, or mixtures thereof.

Description: The model 202A flow recorder is similar in design to the model 202 previously approved under SD-GA.62 of December 29, 1954. The bellows type 199 differential pressure element is still used in the new recorder but the differential ranges are slightly modified. Also the bellows housing materials have been altered in some cases resulting in modified maximum working pressures. In the pen linkage system a micrometer screw has been added for linearity adjustment, and range arm and pen shaft supports are also modified. The rectangular aluminum case in the model 202A recorder is presently manufactured by the Barton Instrument Corporation. The model 202A flow recorders are also approved when fitted with static pressure recorder pens actuated by Barton or other approved pressure elements. Either spring-driven or electric chart drives with speeds of 24 hours per revolution may be used.

NOTE: This approval notice does not cover instruments distributed by firms other than Baker Instruments Limited.

E. F. Power,
Chief, Electricity and Gas Division,
Standards Branch.

R. W. MacLean,
Director,
Standards Branch.

Ref: A-344A

BARTON MODEL 202A FLOW RECORDER



