

Description (cont'd) The integrating cylinder has a raised portion on its surface over which slides the stylus of the indicating pointer. During the time the stylus is on the raised portion a gearing arrangement engages the micrometer wheel which is permanently geared to the front counter. The duration of the engagement of the micrometer wheel increases with the increasing line pressure.

There are two types of the rear counters and three types of the front counters available for use with the Base Pressure Index. Proper multipliers are selected for each counter and these are stamped on the coefficient plate, together with the drive shaft rate in cubic feet per revolution and the instrument's serial number.

Base Pressure Indexes may be used on any approved diaphragm or rotary type positive displacement gas meter, provided the instrument base plate fits the meter properly and carries its designation. The Base Pressure Indexes are not intended for use on domestic type meters.

Base Pressure Indexes may be used in conjunction with any approved Volume and Pressure Gauge, or 'Telemike' or 'Tele-count' Transmitter manufactured by the Canadian Meter Company Limited.

Each instrument has a nameplate mounted on the inside of the front cover which contains information as to Type, Model, Serial number, Pressure range, Atmospheric and Base Pressure.

This Approval Circular consolidates and extends coverage of the Base Pressure Indexes previously approved under Circulars SD-GA.141 of July 3, 1958 and S-GA.268 of August 19, 1963.

Note: For more complete details of operation, refer to the Technical Bulletin #2.

R. W. MacLean
R. W. MacLean,
Director,
Standards Branch.

G. G. Anderson
Acting Chief,
Electricity & Gas Division,
Standards Branch.

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