

TRADE AND COMMERCE
CANADA

S-CA.238

STANDARDS BRANCH

OTTAWA August 30, 1962.

TYPE APPROVALBARTON MODEL 266 AUTOMATIC CHART CHANGER

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: Automatic Chart Changer, Model 266, manufactured by Barton Instrument Corporation, Monterey Park, California, U.S.A., and distributed in Canada by:

- (i) Baker Instruments Limited,
185 Davenport Road, Toronto 5, Ontario.
- (ii) Precision Oilfield Services (1962) Ltd.,
121 - 14th Street North West, Calgary, Alberta.
- (iii) P. E. Robinson Agencies Ltd.,
1100 Lonsdale Avenue, North Vancouver, B. C.

Rating of Apparatus:
Chart Size, circular 12" diameter
Maximum Loading Capacity 16 charts.

Application: Measurement in distribution service of manufactured, natural and petroleum gases, or mixtures thereof.

Description: The automatic chart changer, model 266, is designed to change circular charts automatically at the same time once every revolution. Charts are specially perforated and cut on one side along the arc where the change is effected. For charts having 24 hours per revolution the change takes place at 8 a.m. The changer contains a chart drive adaptor secured to the stem of either mechanical or electrical chart drives. A special chart plate, suitable for loading with up to 16 charts, is attached to the adaptor and held in position by a chart hub knob. A scroll assembly, mounted to the recorder case by spring-loaded support arms, lifts upward and outward to a locked position to permit removing the chart plate from the drive adaptor. Recording pens, hinged to facilitate loading the charts, are supplied with ink from bottles through plastic capillary tubing. In operation the loaded chart plate rotates and a folded lip on the perforated chart is picked up by the scroll, causing the chart to be peeled off the chart plate and stored on the chart drive shaft.

Permission is granted for installation of the automatic chart changer, model 266, in the following recorder cases:

- (i) Barton Model 202 and 202A
- (ii) Bristol Series 500
- (iii) American Type A.

E. F. Power

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

R. W. Maclean
R. W. Maclean,
Director,
Standards Branch.

Ref: A-935

BARTON MODEL 266 AUTOMATIC CHART CHANGER



