



DEPARTMENT OF TRADE AND COMMERCE
STANDARDS BRANCH

OTTAWA, August 1, 1963.

TYPE APPROVAL

TAYLOR "TRANSCOPE" TELEMETERING SYSTEM

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

Apparatus Approved: The Taylor Transcope Transmitters Type 210T (INDICATING) and Type 211T (NON-INDICATING), and the Taylor Transcope Receiving Recorder Type 90J (SINGLE-PEN), manufactured and distributed in Canada by the Taylor Instrument Companies of Canada Ltd., Toronto, Ontario.

The Taylor Transcope Transmitters are only approved for use when equipped with Barton Model 224 Differential Pressure Unit, manufactured by the Barton Instrument Corporation, Monterey Park, California, U. S. A. and supplied to the Taylor Instrument Companies of Canada.

Rating of Apparatus:

Differential Pressure Ranges*-----0-100, 0-150, 0-200, 0-250, 0-300, 0-350
inches water gauge.

Working Pressure-----	Brass	500 P.S.I.
	Brass Mil Spec B-994-B	1000 P.S.I.
	COLD ROLLED STEEL C1018	1500 P.S.I.
	COLD ROLLED STEEL C1018	3000 P.S.I.
	COLD ROLLED STEEL C1018	6000 P.S.I.

Air Supply Pressure (Filtered and Dried)-----18-25 P.S.I.

Air Signal Pressure----- 3-15 P.S.I.

Length of signal pressure tubing between transmitter and receiver-----
maximum length 200 feet

Ambient Temperature limits for Recorder-----+150F to +1400F

Ambient Temperature limits for Transmitter-----200F to +1500F

(Note: These limits should not be exceeded so as to ensure the accuracy of the transmitter under low temperature conditions).

Chart Drive-----115 volt 60 cycle, Synchronous Motor

Chart Speeds-----1, 2, 4, 6, 9, 12, 15, 18, 30 inches per
hour

Connections: Tubing----- $\frac{1}{4}$ " O.D. Copper
Fittings----- (Transmitter & Recorder) Female $\frac{1}{4}$ " NPT,
bottom connected