



STANDARDS DIVISION

OTTAWA July 15, 1964.

TYPE APPROVALTAYLOR TRANSCOPE TYPES 212T and 213T
DIFFERENTIAL PRESSURE TRANSMITTERS

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: Transcope Differential Pressure Transmitters Types 212T* and 213T* manufactured and distributed in Canada by Taylor Instrument Companies of Canada Limited, Toronto, Ontario.

* NOTE: These types have been previously approved for a signal pressure output proportional to the applied differential pressure under Circular S-GA.294, dated June 10, 1964. Present approval covers these transmitters for a signal pressure output which is proportional to the square root of the applied differential pressure.

Rating of Apparatus: (a) Differential Pressure:
(i) Standard Range (continuously adjustable) .0-20 to -175 inches water gauge.
(ii) Low Range (continuously adjustable)0-5 to 0-50 inches water gauge.

(b) Working Pressures:
(i) Standard Range 1500 p.s.i.
(ii) Low Range 500 p.s.i.

Materials for Differential Pressure element Carbon Steel or Stainless Steel #316.
Regulated Air Supply (Filtered and Dried) 18-25 p.s.i.
Output Signal Pressure 3-15 p.s.i.
Ambient Temperature limits -20°F to + 150°F.
Connections 1/4" N.P.T. Female, side and bottom connected.

Description: For a general description of these transmitters and their basic operation, refer to Circular S-GA.294, dated June 10, 1964.

To operate these transmitters for a signal pressure output proportional to the differential pressure (DP Form), three feed-back springs are adjusted to engage continually with the connecting mechanism throughout the full output span.

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