



Consumer and
Corporate Affairs Canada

Consommation et
Corporation Canada

SPG-254

Consumer Standards
Directorate

Direction générale
des normes

OTTAWA, October 19, 1979

Your file Votre référence

Our file Notre référence

G 6635-R2-23

TEMPORARY SPECIAL APPROVAL

Granted to: Canadian Western Natural Gas Co. Ltd.
 140 - Sixth Avenue, Southwest
 Calgary, Alberta

Attention: Mr. Earle Moore

Subject: Field Trial of Rockwell Type RC 230 Meters
 Equipped with New Synthetic Diaphragm
 Material, Designated "EXP"

Special approval is hereby granted to Canadian Western Natural Gas Co. Ltd. by the Legal Metrology Branch for the trial billing use of 100 Rockwell type RC 230 temperature compensating meters, using a new diaphragm material designated "EXP".

The subject meters will have the serial numbers from BG236114 to BG236213 inclusive.

The meters are identical in every respect to those approved under approval circular G-117, dated May 20, 1976 except for the inclusion of the new diaphragm material.

The Manufacturer's badge will be marked with the abbreviation "EXP" on each of the meters.

The special approval is subject to the following conditions:

- 1) The 100 meters shall be considered as a "lot" for inspection purposes.
- 2) Initial verification shall be by 100% inspection and test results, showing the bias value, are to be sent to the Legal Metrology Branch.
- 3) At the end of the first year in service the District Manager in Calgary will arrange for random selection of a check sample of 14 meters from the lot. The meters shall be tested at high and low loads and the results shall be sent to the Legal Metrology Branch for further evaluation. No bias shall be applied to any results. Calculation of \bar{x} and s for the sample is not required.

- 4) The 14 meter sample, selected in 3) will be returned by the utility to Rockwell International of Canada Ltd. in Guelph, Ontario for further evaluation after completion of the tests by the field inspection staff.
- 5) At the end of the second year in service, a second random sample shall be selected from the remaining 86 meters and tested, as in 3) and 4) above.
- 6) If test results from the check samples are satisfactory the field trial may continue beyond the two year period at the option of the manufacturer. The Legal Metrology Branch will advise the District Manager of the decision.
- 7) If test results from any of the two check samples indicate that meters' performance is not satisfactory, the field trial period will terminate and all the meters in the lot shall be withdrawn from service.



D. L. Smith
Chief,
Electricity and Gas Division

c.c. L. Hewitt
J. R. Stevenson
Rockwell International