



Consumer and
Corporate Affairs Canada

Consommation
et Corporations Canada

Legal Metrology
Branch

Direction de la
Métrologie légale

Holland Avenue
Ottawa, Ontario
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Avenue Holland
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Your file Votre référence

Our file Notre référence

G-32

Telephone: (613)952-0639

File N°: 06635
Project: AP-GL-91-0020

1991-07-23

Mr. Rod Soviak
Centra Gas (Manitoba) Inc.
444 St. Mary Avenue
Winnipeg, Manitoba
R3C 3T7

Dear Mr. Soviak,

This is in response to your recent notification given in accordance with the Electricity and Gas Inspection Regulations, Section 13. It is noted that the meters listed in the appendix hereto are to be fitted with plastic index covers.

• See attached Appendix

I am advised by the Gas Metrology Laboratory that their evaluation of the proposed modifications indicates that they may be regarded as immaterial in relation to the approval provisions of the Act. Accordingly, your notification is acknowledged and the modifications are accepted as being included within the above-noted approval. All recipients of the approval notice are being informed by copy of this letter.

Yours truly,

W.R. Virtue, Chief
Legal Metrology Laboratories

cc: Approvals Mailing List

Canada

APPENDIX

C.M.C.

| <u>Approval Notice Number</u> | <u>Meter Type</u> | <u>Index Cover Model Number</u> |
|-------------------------------|-------------------|---------------------------------|
| G-47 | AL-175 | A101 |
| G-125 | AL-225 | " |
| G-5 | AL-250 | " |
| G-23 | AL-425 | " |
| S-GA.237/.251 | AL-800 | A103 |
| G-29 SERIES | AL-1000 | " |
| S-GA.258/.261 | AL-1400 | " |
| S-GA.235/.266 | AL-2300 | " |
| S-GA.230/.246 | AL-5000 | " |
| SD-GA.54/.60/.89 | 5B-225 | A101 |

ROCKWELL

| <u>Approval Notice Number</u> | <u>Meter Type</u> | <u>Index Cover Model Number</u> |
|-------------------------------|-------------------------|---------------------------------|
| SD-GA.30 | RC-150 | R-103, R-104 |
| G-37 | RC-175 | " |
| G-53 | RCS-175 | " |
| SD-GA.105/.108/.158 | RC-210 | " |
| G-32 | RC-225 | " |
| G-117, AG-292 | RC-230 | " |
| SD-GA.70/.153 | TYPE 250 | " |
| SD-GA.73/.153 | TYPE 310 | " |
| G-153 | RC-415 | " |
| G-60 | RC-750 | R-105 |
| G-94 | RC-1000 | " |
| G-138 | RC-1600 | " |
| G-145 | RC-3000 | " |
| G-101 | RC-5000 | " |
| G-98 | TP-4, TP-9 | " |
| G-33 SERIES | T-18, T-30, T-60, T-140 | " |

SPRAGUE

| <u>Approval Notice Number</u> | <u>Meter Type</u> | <u>Index Cover Model Number</u> |
|-------------------------------|-------------------|---------------------------------|
| G-43 | SP175 | S-105 |
| G-43 | SP240 | " |
| G-43 | SP250 | " |
| G-44 (series) | SP400 | " |



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Your file *Votre référence*

Our file *Notre référence*

Telephone: (613)952-0640

File N°: 06635
Project: AP-GL-91-0021

Mr. Barry Goulah
Consumer Gas Company Ltd.
P.O. Box 650
Scarborough, Ontario
M1K 5E3

1991-07-31

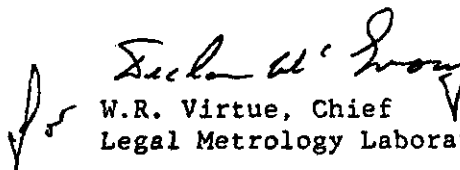
Dear Mr. Goulah,

This is in response to your recent notification given in accordance with the Electricity and Gas Inspection Regulations, Section 13, regarding devices approved under Notice of Approval G-23, G-32, G-37, G-43, G-44, G-47, G-117, G-125, G-133 and G-153. It is noted that these devices are to be modified as follows:

• See "Appendix".

I am advised by the Gas Metrology Laboratory that their evaluation of the proposed modifications indicates that they may be regarded as immaterial in relation to the approval provisions of the Act. Accordingly, your notification is acknowledged and the modifications are accepted as being included within the above-noted approval. All recipients of the approval notice are being informed by copy of this letter.

Yours truly,


W.R. Virtue, Chief
Legal Metrology Laboratories

cc: Approvals Mailing List

Canada

APPENDIX

Parts specified herein may be used in the "rebuilding" of listed C.M.C., Rockwell, and Sprague meters:

| <u>APPROVAL NUMBER</u> | <u>METER TYPE</u> | <u>PART DESCRIPTION / MANUFACTURER</u> | <u>PART NUMBER</u> |
|------------------------|-------------------|--|--------------------|
| G-47 | AL175 | Short Flag Arm - Bently Co. (Toronto) | 1090202 |
| G-125 | AL225(R) | Short Flag Arm - Bently Co. (Toronto) | 1090202 |
| | ALM225(R) | Short Flag Arm - Bently Co. (Toronto) | 1090202 |
| G-47 | AL175 | Valve Cover Back - Bently Co. (Toronto) | 10-860-08 |
| G-47 | AL175 | Valve Cover Front - Bently Co. (Toronto) | 10-862-04-F |
| G-47 | AL175 | Gasket Material - Versatech (Toronto) | VCN-49 |
| G-125 | AL225(R) | Gasket Material - Versatech (Toronto) | VCN-49 |
| | ALM225(R) | Gasket Material - Versatech (Toronto) | VCN-49 |
| G-23 | AL425 | Gasket Material - Versatech (Toronto) | VCN-49 |
| | ALM425 | Gasket Material - Versatech (Toronto) | VCN-49 |
| G-37 | RC175 | Gasket Material - Versatech (Toronto) | VCN-49 |
| G-32 | RC225 | Gasket Material - Versatech (Toronto) | VCN-49 |
| G-117 | RC230 | Gasket Material - Versatech (Toronto) | VCN-49 |
| | RCM230 | Gasket Material - Versatech (Toronto) | VCN-49 |
| G-153 | RC415 | Gasket Material - Versatech (Toronto) | VCN-49 |
| G-133 | RCM415 | Gasket Material - Versatech (Toronto) | VCN-49 |
| G-43 | 175 | Gasket Material - Versatech (Toronto) | VCN-49 |
| | 240 | Gasket Material - Versatech (Toronto) | VCN-49 |
| | 240M | Gasket Material - Versatech (Toronto) | VCN-49 |
| G-44 | 400M | Gasket Material - Versatech (Toronto) | VCN-49 |
| G-47 | AL175 | Contractors Badge - C.W. Mack (Toronto) | 55276P951 |
| G-125 | AL225(R) | Contractors Badge - C.W. Mack (Toronto) | 55276P951 |
| | ALM225(R) | Contractors Badge - C.W. Mack (Toronto) | 55276P951 |
| G-23 | AL425 | Contractors Badge - C.W. Mack (Toronto) | 55276P951 |
| | ALM425 | Contractors Badge - C.W. Mack (Toronto) | 55276P951 |
| G-47 | AL175 | Capacity Badge (T/C) - C.W. Mack (Toronto) | 49036P950 |
| G-47 | AL175 | Plastic Index Cover - E.M.U. Plastics (Toronto) | 39865P025 |
| G-125 | AL225(R) | Plastic Index Cover - E.M.U. Plastics (Toronto) | 39865P025 |
| | ALM225(R) | Plastic Index Cover - E.M.U. Plastics (Toronto) | 39865P025 |
| G-23 | ALM425 | Plastic Index Cover - E.M.U. Plastics (Toronto) | 39865P025 |
| G-47 | AL175 | Index Box Screw (Drilled) - Accurate Fasteners (Toronto) | 10347P005 |
| G-125 | AL225(R) | Index Box Screw (Drilled) - Accurate Fasteners (Toronto) | 10347P005 |
| | ALM225(R) | Index Box Screw (Drilled) - Accurate Fasteners (Toronto) | 10347P005 |
| G-23 | AL425 | Index Box Screw (Drilled) - Accurate Fasteners (Toronto) | 10347P005 |
| | ALM425 | Index Box Screw (Drilled) - Accurate Fasteners (Toronto) | 10347P005 |

| <u>APPROVAL NUMBER</u> | <u>METER TYPE</u> | <u>PART DESCRIPTION / MANUFACTURER</u> | <u>PART NUMBER</u> |
|------------------------|-------------------|--|--------------------|
| G-37 | RC175 | Index Cover Screw -Accurate Fasteners (Toronto) | 919657 |
| G-32 | RC225 | Index Cover Screw -Accurate Fasteners (Toronto) | 919657 |
| G-117 | RC230 | Index Cover Screw -Accurate Fasteners (Toronto) | 919657 |
| | RCM230 | Index Cover Screw -Accurate Fasteners (Toronto) | 919657 |
| G-153 | RC415 | Index Cover Screw -Accurate Fasteners (Toronto) | 919657 |
| G-133 | RCM415 | Index Cover Screw -Accurate Fasteners (Toronto) | 919657 |
| G-37 | RC175 | Index Box Screw - Accurate Fasteners (Toronto) | 950326 |
| G-32 | RC225 | Index Box Screw - Accurate Fasteners (Toronto) | 950326 |
| G-117 | RC230 | Index Box Screw - Accurate Fasteners (Toronto) | 950326 |
| | RCM230 | Index Box Screw - Accurate Fasteners (Toronto) | 950326 |
| G-153 | RC415 | Index Box Screw - Accurate Fasteners (Toronto) | 950326 |
| G-133 | RCM415 | Index Box Screw - Accurate Fasteners (Toronto) | 950326 |
| G-37 | RC175 | Index Box Screw (Drilled) - Accurate Fasteners (Toronto) | 0016005614 |
| G-32 | RC225 | Index Box Screw (Drilled) - Accurate Fasteners (Toronto) | 0016005614 |
| G-117 | RC230 | Index Box Screw (Drilled) - Accurate Fasteners (Toronto) | 0016005614 |
| | RCM230 | Index Box Screw (Drilled) - Accurate Fasteners (Toronto) | 0016005614 |
| G-153 | RC415 | Index Box Screw (Drilled) - Accurate Fasteners (Toronto) | 0016005614 |
| G-133 | RCM415 | Index Box Screw (Drilled) - Accurate Fasteners (Toronto) | 0016005614 |
| G-47 | AL175 | Index Box Screw (Drilled) - Accurate Fasteners (Toronto) | 10347P027 |
| G-125 | AL225(R) | Index Box Screw (Drilled) - Accurate Fasteners (Toronto) | 10347P027 |
| | ALM225(R) | Index Box Screw (Drilled) - Accurate Fasteners (Toronto) | 10347P027 |
| G-23 | AL425 | Index Box Screw (Drilled) - Accurate Fasteners (Toronto) | 10347P027 |
| | ALM425 | Index Box Screw (Drilled) - Accurate Fasteners (Toronto) | 10347P027 |



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Telephone: (613) 952-0635

Téléphone: (613) 952-0635

Project: AP-GL-94-0006
Date: 1994-05-20

Consumers Gas Co.
500 Consumers Road
Willowdale, Ontario
M2J 1P8
Attn.: Herman Medeiros

Dear Mr. Medeiros,

This is in response to your recent notification given in accordance with the Electricity and Gas Inspection Regulations, Section 13, regarding devices approved under Notices of Approval G-23, G-32, G-37, G-43, G-44, G-47, G-117, G-125 and G-153. It is noted that these devices are to be modified as follows:

- By use of adhesive badges over the original badges on rebuilt meters only.

I am advised by the Gas Metrology Laboratory that their evaluation of the proposed modifications indicates that they may be regarded as immaterial in relation to the approval provisions of the Act. Accordingly, your notification is acknowledged and the modifications are accepted as being included within the above-noted approval. All recipients of the approval notice are being informed by copy of this letter.

Yours truly,

H.L. Fraser, Chief
Electricity and Gas

cc: Approvals Mailing List



Industry Canada
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Telephone: (613) 952-0835

Téléphone: (613) 952-0835

Project: AP-GL-94-0007
Date: 1994-07-18

Argus Industrial Supply
154 Park Lane Avenue
Winnipeg, Manitoba
R2R 0K2
Attn.: Mr. Ross Roy

Dear Mr. Roy,

This is in response to your recent notification given in accordance with the Electricity and Gas Inspection Regulations, Section 13, regarding devices approved under:

Notice of Approvals:

| | | | | | |
|------|------|-------|-------|----------|-----------|
| G-23 | G-44 | G-99 | G-127 | G-153 | S-GA-262 |
| G-29 | G-47 | G-101 | G-128 | G-173 | S-GA-302 |
| G-32 | G-60 | G-117 | G-133 | G-198 | SD-GA-30 |
| G-37 | G-86 | G-125 | G-138 | AG-0292 | SD-GA-108 |
| G-43 | G-94 | G-126 | G-145 | AG-0311 | SD-GA-148 |
| | | | | S-GA-247 | SD-GA-153 |

Index covers called "lexan box assemblies" model: A-101, A-102, A-103; R-103, R-104, R-105, and R109; S-104, S-105, S-106, S-107 and its associated "Snap Seal" manufactured by Carolina Mouldings Inc. may be used in the meters approved under the above listed Notices of Approval.

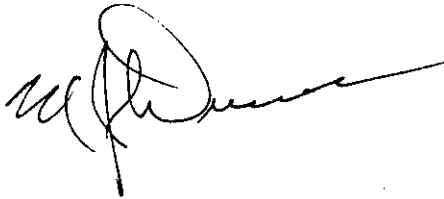
Use of the above mentioned devices is also subject to the following conditions:

- (1) To facilitate verification, U.S. patent number "4621230" or the initials "CMI" shall be stamped on each index cover and shall be visible when the index cover is installed;

- (2) In the case where snap seals are used exclusively in sealing a meter, at least one seal, marked with the seal year and the meter verifier's identification, shall be applied to the point of access to the meter's adjustments.

I am advised by the Gas Metrology Laboratory that their evaluation of the proposed modifications indicates that they do not adversely affect the performance of the meter. Accordingly, your notification is acknowledged and the modifications are accepted as being included within the above-noted approval. All recipients of the approval notice are being informed by copy of this letter.

Yours truly,



for H.L. Fraser, Director
Electricity and Gas

cc: Approvals Mailing List



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Telephone: (813) 952-0635

Téléphone: (813) 952-0635

Projet: AP-GL-94-0007
Date: 1994-07-18

Argus Industrial Supply
154 Park Lane Avenue
Winnipeg, Manitoba
R2R 0K2
Att.: M. Ross Roy

Monsieur,

Nous accusons réception de l'avis de modification que vous nous avez envoyé récemment conformément à l'article 13 du Règlement sur l'inspection de l'électricité et du gaz, au sujet des appareils approuvés en vertu des avis d'approbation suivants:

Avis d'approbation:

| | | | | | |
|------|------|-------|-------|----------|-----------|
| G-23 | G-44 | G-99 | G-127 | G-153 | S-GA-262 |
| G-29 | G-47 | G-101 | G-128 | G-173 | S-GA-302 |
| G-32 | G-60 | G-117 | G-133 | G-198 | SD-GA-30 |
| G-37 | G-86 | G-125 | G-138 | AG-0292 | SD-GA-108 |
| G-43 | G-94 | G-126 | G-145 | AG-0311 | SD-GA-148 |
| | | | | S-GA-247 | SD-GA-153 |

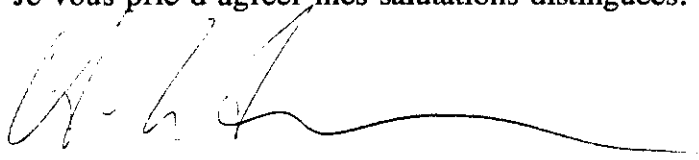
Les couvercles pour indicateurs désignés "boîtes lexan", modèles A-101, A-102, A-103, R-103, R-104, R-105, et R109, S-104, S-105, S-106, S-107 et les scellés emboîtables connexes de Carolina Mouldings Inc. peuvent être utilisés sur les compteurs visés par les avis d'approbation susmentionnés.

L'utilisation de ces dispositifs est également assujettie aux conditions suivantes :

- (1) Pour faciliter la vérification, le numéro de brevet É-U "4621230" ou les initiales "CMI" doivent être estampés sur chaque couvercle d'indicateur et doivent être visibles lorsque le couvercle est installé;
- (2) dans les cas où les scellés emboîtables sont utilisés exclusivement pour sceller un compteur, au moins un scellé, marqué de l'année de fabrication et de l'identification du vérificateur du compteur, doit être appliqué au point d'accès aux organes de réglage du compteur.

Après avoir étudié les modifications proposées, le Laboratoire du gaz (métrologie) me signale que ces modifications ne nuisent pas au rendement du compteur. En conséquence, les modifications sont acceptées et intégrées de facto dans les avis d'approbation susmentionnés. Tous ceux qui ont reçu l'avis d'approbation sont avisés de cette décision par une copie de la présente lettre.

Je vous prie d'agréer mes salutations distinguées.



H.L. Fraser, Directeur
Électricité et gaz

cc: Liste d'envoi des approbations



Industry Canada
Legal Metrology Branch

Industrie Canada
Direction de la métrologie légale

Holland Avenue
Ottawa, Ontario
K1A 0C9

Avenue Holland
Ottawa (Ontario)
K1A 0C9

Telephone: (813) 952-0635

Téléphone: (813) 952-0635

Project: AP-GL-94-0046
Date: 1995-02-05

Carolina Moldings
P.O. Box 35273
Charlotte, North Carolina
USA 28235
Attn.: Mr. Jack Crouch Jr.

Dear Mr. Crouch,

This is in response to your recent notification given in accordance with the Electricity and Gas Inspection Regulations, Section 13, regarding devices approved under Notice of Approval:

| | | | | | |
|------------------|------------------|------------------|-----------------|-----------------|----------------|
| G-23 | G-29 | G-32 | G-37 | G-43 | G-44 |
| G-47 | G-60 | G-86 | G-94 | G-99 | G-101 |
| G-117 | G-125 | G-126 | G-127 | G-128 | G-133 |
| G-138 | G-145 | G-153 | G-173 | G-198 | AG-0292 |
| AG-0311 | S-GA-247 | S-GA-262 | S-GA-302 | SD-GA-30 | |
| SD-GA-108 | SD-GA-148 | SD-GA-153 | | | |

It is noted that these devices are to be modified as follows:

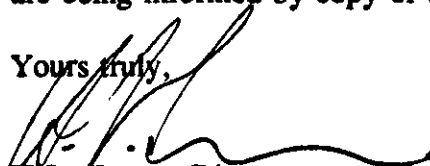
Index covers called "lexan box assemblies" model: A-101, A-102, A-103; R-103, R-104, R-105, and R-109; S-104, S-105, S-106, S-107 and its associated "Snap Seal" manufactured by Carolina Mouldings Inc. can incorporate a silicone gasket material and may be used in the meters approved under the above listed Notices of Approval.

Use of the above mentioned devices is also subject to the following conditions:

- **The GE silicone gasket material identified as RTV 5818 translucent, is a fast cure paste which will be robotically applied to the lexan box assemblies.**

I am advised by the Gas Metrology Laboratory that their evaluation of the proposed modifications indicates that they do not adversely affect the performance of the meter. Accordingly, your notification is acknowledged and the modifications are accepted as being included within the above-noted approvals. All recipients of the approval notice are being informed by copy of this letter.

Yours truly,


H.L. Fraser, Director
Electricity and Gas

cc: Approvals Mailing List

Canada



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Téléphone: (613) 952-0635

Projet: AP-GL-94-0046

Date: 1995-02-05

Carolina Moldings
P.O. Box 35273
Charlotte, North Carolina
USA 28235
Att.: M. Jack Crouch Jr.

Monsieur,

Nous accusons réception de l'avis de modification que vous nous avez envoyé récemment conformément à l'article 13, du Règlement sur l'inspection de l'électricité et du gaz, au sujet des appareils approuvés en vertu des avis d'approbation suivants:

| | | | | | |
|-----------|-----------|-----------|----------|----------|---------|
| G-23 | G-29 | G-32 | G-37 | G-43 | G-44 |
| G-47 | G-60 | G-86 | G-94 | G-99 | G-101 |
| G-117 | G-125 | G-126 | G-127 | G-128 | G-133 |
| G-138 | G-145 | G-153 | G-173 | G-198 | AG-0292 |
| AG-0311 | S-GA-247 | S-GA-262 | S-GA-302 | SD-GA-30 | |
| SD-GA-108 | SD-GA-148 | SD-GA-153 | | | |

Nous prenons note que ces appareils doivent faire l'objet des modifications décrites ci-dessous.


Les couvercles d'index ou boîtes lexan (modèles A-101, A-102, A-103, R-103, R-104, R-105, R-109, S-104, S-106 et S-107) et leur dispositif de scellement sous pression, fabriqués par Carolina Moldings Inc., peuvent comprendre une garniture en silicone et peuvent être employés dans les compteurs approuvés aux termes des avis énumérés plus haut.

L'utilisation des appareils susmentionnés est également assujettie aux conditions suivantes:

- la garniture en silicone GE identifiée comme étant le produit translucide RTV 5818 est une pâte à durcissement rapide qui sera appliquée par un robot à la boîte lexan.

Après avoir étudié les modifications proposées, le Laboratoire de gaz (métrologie) me signale que ces modifications ne nuisent pas au rendement du compteur. En conséquence, les modifications sont acceptées et intégrées de facto dans l'avis d'approbation susmentionné. Tous ceux qui ont reçu l'avis d'approbation sont avisés de cette décision par une copie de la présente lettre.

Je vous prie d'agréer mes salutations distinguées.


H.L. Fraser, Directeur
Électricité et gaz

Canada

cc: Liste d'envoi des approbations