

**DELIVERY OF SIX
COMBUSTION VENTING TRAINING WORKSHOPS
AND
THE DESIGN AND PRODUCTION OF AN ACRYLIC MODEL HOME**

FINAL REPORT

BY

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EXECUTIVE SUMMARY

CMHC funded the delivery of a Combustion Spillage Training Module developed for CMHC in 1990, through six workshops, one in each of: Manitoba, Saskatchewan, Alberta, British Columbia, Prince Edward Island and Nova Scotia. The western workshops were presented in cooperation with the local gas utilities, the PEI workshop with Holland College and the N.S. workshop in cooperation with their Department of Natural Resources and Nova Scotia Community College. Attendance totalled 115 and the completed evaluation forms indicate that the material was completely new to them, interesting and useful. They particularly seemed to enjoy the house-as-a-system concept and the remedial measures discussions. The videos were also well received and nearly all participants indicated that they would recommend the workshop to all service technicians. The western gas utilities have indicated that they are adopting the workshop material into their training programs. The two eastern community colleges are going to incorporate the material into their day courses and offer it in a night-school format for those in the industry.

INTRODUCTION

Background and Issues

In 1990 CMHC funded the development of a Combustion Spillage Training Module. The module was developed for field managers and service persons employed either by oil or gas utilities or independent heating system service contractors.

The module was developed in consultation with the Canadian Gas Association and represents the consolidation of over a decade of research and field testing by CMHC in this area.

In August of 1990 a pilot workshop was held for service and management staff of Union Gas and Consumers Gas. The course was well received and Union Gas is already exploring mechanisms to incorporate the procedures and techniques presented in the course into its normal customer service business operations.

Since the release of the training module, a number of other gas and oil utilities and other interest groups have expressed interest in the training module.

SCOPE OF WORK

A number of workshop seminars were to be delivered during August and for interested gas utilities in Manitoba, Saskatchewan, Alberta and British Columbia, and in November, for interested oil utilities in Nova Scotia and PEI. In most cases, the utilities were to provide the room, students, coffees and lunches. CMHC was to provide the instructor, Douglas Geddes of Geddes Enterprises, and pay for his travel to the workshop. A follow-up assessment on the usefulness of the courses was also to be conducted. In addition, an acrylic house teaching aid tool was to be designed and constructed for CMHC.

OBJECTIVES

The objectives of the project were to:

- o Raise awareness among the utilities of the growing concern by researchers, builders and codes and standards officials regarding combustion spillage and the role utilities can play in addressing this concern;
- o Transfer lessons learned from almost a decade of CMHC research and field testing to residential heating service persons in the oil and gas industry;

- o Encourage utilities to incorporate the procedures presented in the training module into their normal business operations;
- o Raise CMHC visibility in this area; and
- o Position CMHC as a leader, catalyst and partner with industry in solving technical issues related to the housing industry.

PROJECT DESIGN, METHODOLOGIES AND ACTIVITIES

The project was conducted according to the following phases:

Phase I

- o Confirm interest in workshop with utilities;
- o In cooperation with gas utilities, advertise availability of workshop to independent contractors or other interest groups;
- o Coordinate a series of workshops across the country;
- o Construct an acrylic house teaching tool aid according to a set of specifications mutually agreed upon between the consultant and the CMHC Project Manager. The House was returned to CMHC at the end of the workshops.

Phase II

- o Deliver workshops. A minimum of 6 workshops were to be delivered under this contract.

Phase III

- o Provide summary report on assessment of courses by students and utility management. Course evaluations by the students were also required.

Phase IV

- o Follow-up on response by utilities to incorporate some or all of the information from the workshops into their normal business practices.

RESULTS

Workshops

Workshops were delivered in six locations. In the four Western Provinces, the workshops were conducted in cooperation with the local gas utility. In Nova Scotia the workshop was presented in cooperation with their Ministry of Natural Resources and in PEI with Holland College.

The following is a summary of the attendance at each of the workshops:

<u>Location</u>	<u>Number</u>	<u>Participant Background</u>
Manitoba	15	Utility Service Personnel, a local HRAI representative & Heating Contractors
Saskatchewan	28	Utility Service Personnel and Gas Inspectors
Alberta	26	Utility Service Personnel and Heating Contractors
B.C.	18	Utility Service Personnel and a local HRAI Heating Contractor Representative
PEI	28	Oil Burner Service Personnel and Holland College Heating Instructor and Students
N.S.	25	Oil Burner Service Personnel and Community College Heating Instructor

In addition, each session was introduced and attended by one or more local CMHC representatives.

The general response of the gas utilities that assisted with the delivery of the workshops in the west was that they were pleased with the content, Student Manual, Instructor Guide, Videos and delivery. A follow-up with the utilities indicated that they intend to use the material with some customizing to suit local needs and company policies. In most cases, the intention appears to be to incorporate the material into existing training courses, rather than using it as a stand alone course. The utilities appeared to be aware of the need for the diagnostic skills to recognize and remedy combustion spillage and problems, and therefore thought the workshop was very timely and useful.

In PEI and N.S. the local community colleges intend to incorporate the material into their full-time day courses and well as offer the course in a night school format for heating contractor personnel.

The workshop participants responded very favourably to the workshop on the Evaluation Forms provided (see Appendix A). To most, the material was completely new, interesting and useful. They particularly seemed to enjoy the house-as-a-system concept and the remedial measures discussions. The videos were also well received and nearly all participants indicated that they would recommend the workshop to all service technicians. A participant from Sask Power provided several company bulletins and two sample labels relating to combustion venting (see Appendix C).

Acrylic House

An acrylic model house was produced to demonstrate, in conjunction with a smoke pencil, several house-as-a-system concepts, such as:

- * the stack effect;
- * the neutral pressure plain;
- * the flue effect; and
- * the mechanical ventilation effect.

See Appendix B for the construction drawing used to produce the house and a copy of the operating instructions.

SUMMARY

The six Combustion Venting Workshops were highly successful, well received by the 115 participants, provided increased CMHC profile in this field, and as a result, are being adopted by for delivery by the cooperating gas utilities in the west and the community colleges in PEI and N.S.

RÉSUMÉ

La SCHL a subventionné la présentation d'un module de formation sur les émanations des gaz de combustion mis sur pied pour la SCHL en 1990. Un atelier a été présenté dans chacune des six provinces suivantes : Manitoba, Saskatchewan, Alberta, Colombie-Britannique, île-du-Prince-Édouard et Nouvelle-Écosse. Les ateliers des provinces de l'Ouest ont été réalisés en collaboration avec les compagnies locales de gaz; à l'Î.-P.-É., c'est le collège Holland qui a offert son concours et, en N.-É., l'atelier a été rendu possible grâce à la participation du ministère des Ressources naturelles et du collège communautaire de Nouvelle-Écosse. En tout, 115 personnes ont assisté aux ateliers et les formules d'évaluation qu'elles ont remplies révèlent que ce matériel était pour elles totalement nouveau, intéressant et utile. Les participants ont semblé apprécier particulièrement le principe de l'approche systémique de l'habitation ainsi que les mesures correctrices proposées. Les documents vidéo ont également été bien reçus, et tous les participants ont indiqué qu'ils recommanderaient l'atelier à tous les techniciens d'entretien. Les compagnies de gaz de l'Ouest ont mentionné qu'elles inséreraient le matériel de l'atelier dans leurs propres programmes de formation. Les deux collèges communautaires des provinces de l'Est vont inclure ce matériel dans la matière de leurs cours de jour et l'offrir sous forme de cours du soir aux membres de l'industrie.

INTRODUCTION

Contexte et questions à l'étude

En 1990, la SCHL a subventionné l'élaboration d'un module de formation sur les émanations des gaz de combustion à l'intention des directeurs locaux et du personnel d'entretien au service des compagnies de mazout ou de gaz ou des entrepreneurs indépendants d'entretien des installations de chauffage.

Le module a été réalisé en consultation avec l'Association canadienne du gaz et est l'aboutissement d'une dizaine d'années de recherches et d'essais en service menés dans ce domaine par la SCHL.

Au mois d'août 1990, un atelier pilote a été organisé pour le personnel de gestion et d'entretien de Union Gas et de Consumers Gas. Le cours a reçu un accueil favorable et Union Gas examine déjà la possibilité d'inclure les méthodes et techniques présentées lors du cours à ses activités normales de service à la clientèle.

Depuis le lancement du module de formation, d'autres entreprises de gaz et de mazout ainsi que des groupes d'intérêt se sont montrés intéressés à ce module de formation.

NATURE DU TRAVAIL

Il fallait, durant le mois d'août, mettre sur pied des ateliers à l'intention des compagnies de gaz intéressées du Manitoba, de la Saskatchewan, de l'Alberta et de la Colombie-Britannique et, durant le mois de novembre, pour les compagnies de mazout intéressées de la Nouvelle-Écosse et de l'Île-du-Prince-Édouard. Dans la plupart des cas, les compagnies devaient fournir la salle, les participants, le café et les repas. De son côté, la SCHL fournissait l'instructeur, Douglas Geddes de Geddes Entreprises, et payait ses déplacements pour donner les ateliers. Il fallait ensuite évaluer l'utilité des cours puis concevoir et construire pour la SCHL une maison modèle en acrylique devant servir d'outil d'enseignement.

OBJECTIFS

Les concepteurs de ce projet espéraient :

- o sensibiliser les services publics aux inquiétudes grandissantes des chercheurs, constructeurs et responsables de la normalisation en ce qui a trait aux émanations des gaz de combustion et au rôle que ces entreprises peuvent jouer à cet égard;
- o transmettre aux employés d'entretien des installations de chauffage résidentielles des compagnies de mazout ou de gaz les leçons tirées de près d'une décennie de recherches et d'essais en service menés par la SCHL;

- o encourager les services publics à intégrer à leurs activités normales les méthodes enseignées dans le module de formation;
- o améliorer la visibilité de la SCHL dans ce secteur;
- o conférer à la SCHL l'image d'un chef de file, d'un catalyseur et d'un partenaire qui aide l'industrie à résoudre des problèmes techniques liés au secteur du logement.

CONCEPTION DU PROJET, MÉTHODES ET ACTIVITÉS

Ce projet a été réalisé en quatre phases :

Phase I

- o Déterminer l'intérêt des services publics envers le projet;
- o En collaboration avec les services publics, offrir l'atelier aux entrepreneurs indépendants et autres groupes d'intérêts;
- o Coordonner une série d'ateliers un peu partout au pays;
- o Construire une maison en acrylique devant servir d'outil de formation à partir d'une série de spécifications sur lesquelles se seront entendues le consultant et le directeur du projet de la SCHL, la maison étant remise à la SCHL à la fin des ateliers.

Phase II

- o Présenter au moins six ateliers pendant la durée du contrat.

Phase III

- o Rédiger un rapport sommaire sur l'appréciation des participants et de la direction des services publics pour les ateliers. Demander aux participants d'évaluer l'atelier.

Phase IV

- o Assurer un suivi afin de vérifier si les entreprises mettent en application les enseignements des ateliers dans leurs activités courantes.

RÉSULTATS

Ateliers

Les ateliers ont été donnés dans six endroits différents. Dans les quatre provinces de l'Ouest, les ateliers ont été organisés en collaboration avec la compagnie de gaz locale. En Nouvelle-Écosse, il a été présenté avec le concours du ministère provincial des Ressources naturelles tandis qu'à l'île-du-Prince-Édouard, c'est le collège Holland qui a été mis à contribution.

Voici une liste du nombre de personnes qui ont participé à chacun des ateliers :

<u>Endroit</u>	<u>Nombre</u>	<u>Catégorie de participant</u>
Manitoba	15	Des employés d'une entreprise de service public, un représentant local de l'HRAI, des entrepreneurs de chauffage
Saskatchewan	28	Des employés d'une entreprise de service public et des inspecteurs d'installations au gaz
Alberta	26	Des employés d'une entreprise de service public et des entrepreneurs de chauffage
C.-B.	18	Des employés d'une entreprise de service public et un entrepreneur de chauffage, représentant local de l'HRAI
Î.-P.-É.	28	Des employés d'entretien de brûleurs à mazout, un professeur en chauffage et des étudiants du collège Holland
N.-É.	25	Des employés d'entretien de brûleurs à mazout et un professeur en chauffage du collège communautaire

De plus, au moins un représentant local de la SCHL était présent à chaque séance.

En général, les compagnies de gaz participantes de l'Ouest ont apprécié le contenu de l'atelier, le manuel du participant, le guide de l'animateur, les bandes vidéo et la présentation de l'atelier. Un suivi effectué auprès des services publics participants a révélé qu'ils avaient l'intention d'adapter à leurs besoins la matière enseignée et de l'utiliser dans le cadre de leur exploitation. Dans la majorité des cas, ils voulaient ajouter l'information aux cours de formation existants et non utiliser l'atelier seul dans son intégralité. Les services publics semblaient conscients de l'importance de pouvoir diagnostiquer et corriger les problèmes de combustion et d'émanations et, par conséquent, considéraient que l'atelier était utile et arrivait à point nommé.

À l'Î.-P.-É. et en N.-É., les collèges communautaires locaux ont l'intention d'incorporer la matière de l'atelier dans leurs cours du jour à plein temps et d'offrir un cours du soir pour les entrepreneurs de chauffage.

Comme en font foi les questionnaires d'évaluation (Annexe A), les commentaires des participants ont été très élogieux à l'endroit de l'atelier. La plupart ont indiqué que le matériel était pour eux complètement nouveau, intéressant et utile. Les participants ont semblé apprécier particulièrement le principe de l'approche systémique de l'habitation et les mesures correctrices proposées. Les documents vidéo ont également été bien reçus, et tous les participants ont indiqué qu'ils recommanderaient l'atelier à tous les techniciens d'entretien. Un employé de la Sask Power a offert plusieurs bulletins de l'entreprise ainsi que deux échantillons d'étiquette portant sur les émanations des gaz de combustion (se référer à l'Annexe C).

Maison en acrylique

Une maison modèle en acrylique a été construite pour démontrer, au moyen d'un crayon fumigène, plusieurs aspects de l'approche systémique, tels :

- * l'effet de tirage;
- * la zone de pression neutre;
- * l'effet de cheminée;
- * l'effet de la ventilation mécanique.

L'Annexe B présente le plan qui a servi à construire la maison ainsi qu'une copie des instructions de fonctionnement.

SOMMAIRE

Les six ateliers sur l'évacuation des gaz de combustion ont remporté un franc succès, les 115 participants leur ayant réservé un accueil très favorable. Ces ateliers ont permis à la SCHL d'accroître sa visibilité dans ce champ d'activité et, dès lors, les compagnies de gaz de l'Ouest et les collèges communautaires de l'Î.-P.-É. et de la N.-É. qui ont participé à l'initiative ont décidé d'en insérer la matière dans leurs programmes de formation respectifs.



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APPENDIX

A

PARTICIPANT EVALUATION FORMS

BRITISH COLUMBIA WORKSHOP

✓

EVALUATION FORM

1. Did you learn something about venting the products of combustion that you did not already know? ☒ YES ☐ NO

2. Will the material presented help you on the job? ☒ YES ☐ NO

3. Was the section on remedial measures useful? ☒ YES ☐ NO

4. Was the material presented in an easy to understand manner? ☒ YES ☐ NO

Comments _____

5. Would you recommend that this course be presented to all service technicians? ☒ YES ☐ NO

Comments _____

6. Were the videos useful? ☒ YES ☐ NO

Comments _____

7. What changes, if any, would you make to the content of the course to make it more useful in your area?

excellent course - new concept house as a
system was very worthwhile

8. Was the instructor knowledgeable about the topic of combustion venting? ☒ YES ☐ NO

Comments very knowledgeable

9. Was much of the material presented taught to you during your school training? ☒ YES ☐ NO

10. Was much of the material presented taught to you in other training courses since you joined the industry? YES ☒ NO

11. Was the section on House-as-a-System interesting to you? ☒ YES ☐ NO

12. Please provide any other comments that you would like to make.

good course
cmhctns

✓

EVALUATION FORM

1. Did you learn something about venting the products of combustion that you did not already know? ☒ YES ☐ NO

2. Will the material presented help you on the job? YES ☐ NO ☒ some

3. Was the section on remedial measures useful? ☒ YES ☐ NO

4. Was the material presented in an easy to understand manner? YES ☐ NO ☐

Comments material presented ~~show~~ in manual should follow in same order as presented in the lecture.

5. Would you recommend that this course be presented to all service technicians? ☒ YES ☐ NO

Comments _____

6. Were the videos useful? ☒ YES ☐ NO

Comments _____

7. What changes, if any, would you make to the content of the course to make it more useful in your area?

can also include some ventilation
issue since they can be closely
related.

8. Was the instructor knowledgeable about the topic of combustion venting? ☒ YES ☐ NO

Comments _____

9. Was much of the material presented taught to you during your school training? YES ☒ NO ☐

10. Was much of the material presented taught to you in other training courses since you joined the industry? YES ☐ NO ☒

11. Was the section on House-as-a-System interesting to you? ☒ YES ☐ NO

12. Please provide any other comments that you would like to make.

cmhctrns

✓

EVALUATION FORM

1. Did you learn something about venting the products of combustion that you did not already know? YES NO

2. Will the material presented help you on the job? YES NO

3. Was the section on remedial measures useful? YES NO

4. Was the material presented in an easy to understand manner? YES NO

Comments _____

5. Would you recommend that this course be presented to all service technicians? YES NO

Comments They are first contact w/ homeowner

6. Were the videos useful? YES NO

Comments _____

7. What changes, if any, would you make to the content of the course to make it more useful in your area?

8. Was the instructor knowledgeable about the topic of combustion venting? YES NO

Comments _____

9. Was much of the material presented taught to you during your school training? YES NO

10. Was much of the material presented taught to you in other training courses since you joined the industry? YES NO Some

11. Was the section on House-as-a-System interesting to you? YES NO

12. Please provide any other comments that you would like to make.

cmhctrns



EVALUATION FORM

1. Did you learn something about venting the products of combustion that you did not already know? ☒ YES ☐ NO

2. Will the material presented help you on the job? ☒ YES ☐ NO

3. Was the section on remedial measures useful? ☒ YES ☐ NO

4. Was the material presented in an easy to understand manner? ☒ YES ☐ NO

Comments _____

5. Would you recommend that this course be presented to all service technicians? ☒ YES ☐ NO

Comments _____

6. Were the videos useful? YES ☒ NO

Comments need better close-ups.

7. What changes, if any, would you make to the content of the course to make it more useful in your area?

8. Was the instructor knowledgeable about the topic of combustion venting? ☒ YES ☐ NO

Comments _____

9. Was much of the material presented taught to you during your school training? YES ☐ NO

10. Was much of the material presented taught to you in other training courses since you joined the industry? YES ☐ NO

11. Was the section on House-as-a-System interesting to you? ☒ YES ☐ NO

12. Please provide any other comments that you would like to make.

cmhctrns

✓

EVALUATION FORM

1. Did you learn something about venting the products of combustion that you did not already know? ☒ YES ☐ NO

2. Will the material presented help you on the job? ☒ YES ☐ NO

3. Was the section on remedial measures useful? ☒ YES ☐ NO

4. Was the material presented in an easy to understand manner? ☒ YES ☐ NO

Comments _____

5. Would you recommend that this course be presented to all service technicians? ☒ YES ☐ NO

Comments _____

6. Were the videos useful? ☒ YES ☐ NO

Comments _____

7. What changes, if any, would you make to the content of the course to make it more useful in your area?

8. Was the instructor knowledgeable about the topic of combustion venting? ☒ YES ☐ NO

Comments _____

9. Was much of the material presented taught to you during your school training? YES ☒ NO

10. Was much of the material presented taught to you in other training courses since you joined the industry? ☒ YES ☐ NO

11. Was the section on House-as-a-System interesting to you? ☒ YES ☐ NO

12. Please provide any other comments that you would like to make.

cmhctrns

✓

EVALUATION FORM

1. Did you learn something about venting the products of combustion that you did not already know? ☒ YES ☐ NO

2. Will the material presented help you on the job? YES NO

3. Was the section on remedial measures useful? YES NO

4. Was the material presented in an easy to understand manner? YES NO

Comments _____

5. Would you recommend that this course be presented to all service technicians? YES NO

Comments _____

6. Were the videos useful? ☒ YES ☐ NO

Comments _____

7. What changes, if any, would you make to the content of the course to make it more useful in your area?

8. Was the instructor knowledgeable about the topic of combustion venting? ☒ YES ☐ NO

Comments _____

9. Was much of the material presented taught to you during your school training? YES NO

10. Was much of the material presented taught to you in other training courses since you joined the industry? YES NO

11. Was the section on House-as-a-System interesting to you? YES NO

12. Please provide any other comments that you would like to make.

Not a Gas Technician, but course was informative.

cmhctrns

✓

EVALUATION FORM

1. Did you learn something about venting the products of combustion that you did not already know? ☒ YES ☐ NO

2. Will the material presented help you on the job? ☒ YES ☐ NO

3. Was the section on remedial measures useful? ☒ YES ☐ NO

4. Was the material presented in an easy to understand manner? ☒ YES ☐ NO

Comments _____

5. Would you recommend that this course be presented to all service technicians? ☒ YES ☐ NO

Comments _____

6. Were the videos useful? ☒ YES ☐ NO

Comments _____

7. What changes, if any, would you make to the content of the course to make it more useful in your area?

_____ *ok. The way - was!*

8. Was the instructor knowledgeable about the topic of combustion venting? ☒ YES ☐ NO

Comments _____

9. Was much of the material presented taught to you during your school training? ☒ YES ☐ NO

10. Was much of the material presented taught to you in other training courses since you joined the industry? ☐ YES ☒ NO

11. Was the section on House-as-a-System interesting to you? ☒ YES ☐ NO

12. Please provide any other comments that you would like to make.

cmhctns

EVALUATION FORM

1. Did you learn something about venting the products of combustion that you did not already know? ☒ YES NO

2. Will the material presented help you on the job? ☒ YES NO

3. Was the section on remedial measures useful? ☒ YES NO

4. Was the material presented in an easy to understand manner? ☒ YES NO

Comments _____

5. Would you recommend that this course be presented to all service technicians? ☒ YES NO

Comments _____

6. Were the videos useful? ☒ YES NO

Comments _____

7. What changes, if any, would you make to the content of the course to make it more useful in your area?

8. Was the instructor knowledgeable about the topic of combustion venting? ☒ YES NO

Comments _____

9. Was much of the material presented taught to you during your school training? YES ☒ NO

10. Was much of the material presented taught to you in other training courses since you joined the industry? ☒ YES NO

11. Was the section on House-as-a-System interesting to you? ☒ YES NO

12. Please provide any other comments that you would like to make.

cmhctrns

EVALUATION FORM

✓

1. Did you learn something about venting the products of combustion that you did not already know? ☒ YES ☐ NO

2. Will the material presented help you on the job? ☒ YES ☐ NO

3. Was the section on remedial measures useful? ☐ YES ☐ NO

4. Was the material presented in an easy to understand manner? ☒ YES ☐ NO

Comments _____

5. Would you recommend that this course be presented to all service technicians? ☒ YES ☐ NO

Comments _____

6. Were the videos useful? ☒ YES ☐ NO

Comments _____

7. What changes, if any, would you make to the content of the course to make it more useful in your area?

INCLUDE PORTION ON VENTILATION CODES AND
THEIR INFLUENCE ON FURNACE OPERATION

8. Was the instructor knowledgeable about the topic of combustion venting? ☒ YES ☐ NO

Comments _____

9. Was much of the material presented taught to you during your school training? ☐ YES ☒ NO

10. Was much of the material presented taught to you in other training courses since you joined the industry? ☐ YES ☒ NO

11. Was the section on House-as-a-System interesting to you? ☒ YES ☐ NO

12. Please provide any other comments that you would like to make.

cmhctrns

EVALUATION FORM

✓

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2. Will the material presented help you on the job? ☒ YES ☐ NO

3. Was the section on remedial measures useful? ☒ YES ☐ NO

4. Was the material presented in an easy to understand manner? ☒ YES ☐ NO

Comments _____

5. Would you recommend that this course be presented to all service technicians? ☒ YES ☐ NO

Comments _____

6. Were the videos useful? ☒ YES ☐ NO

Comments _____

7. What changes, if any, would you make to the content of the course to make it more useful in your area?

8. Was the instructor knowledgeable about the topic of combustion venting? ☒ YES ☐ NO

Comments _____

9. Was much of the material presented taught to you during your school training? YES NO

10. Was much of the material presented taught to you in other training courses since you joined the industry? YES NO

11. Was the section on House-as-a-System interesting to you? ☒ YES ☐ NO

12. Please provide any other comments that you would like to make.

cmhctrns

V

EVALUATION FORM

1. Did you learn something about venting the products of combustion that you did not already know? ☒ YES ☐ NO

2. Will the material presented help you on the job? ☒ YES ☐ NO

3. Was the section on remedial measures useful? ☒ YES ☐ NO

4. Was the material presented in an easy to understand manner? ☒ YES ☐ NO

Comments Improvements can be made - but present 7/10

5. Would you recommend that this course be presented to all service technicians? ☒ YES ☐ NO

Comments _____

6. Were the videos useful? ☒ YES ☐ NO

Comments _____

7. What changes, if any, would you make to the content of the course to make it more useful in your area?

Integrate Ventilation B.C. Code -

8. Was the instructor knowledgeable about the topic of combustion venting? ☒ YES ☐ NO

Comments _____

9. Was much of the material presented taught to you during your school training? YES ☒ NO

10. Was much of the material presented taught to you in other training courses since you joined the industry? ☒ YES ☐ NO Also self taught, i.e. reading & research

11. Was the section on House-as-a-System interesting to you? ☒ YES ☐ NO

12. Please provide any other comments that you would like to make.

✓
cmhctrns

✓

EVALUATION FORM

1. Did you learn something about venting the products of combustion that you did not already know? ☒ YES ☐ NO

2. Will the material presented help you on the job? ☒ YES ☐ NO

3. Was the section on remedial measures useful? ☒ YES ☐ NO

4. Was the material presented in an easy to understand manner? ☒ YES ☐ NO

Comments _____

5. Would you recommend that this course be presented to all service technicians? ☒ YES ☐ NO

Comments _____

6. Were the videos useful? ☒ YES ☐ NO

Comments _____

7. What changes, if any, would you make to the content of the course to make it more useful in your area?

8. Was the instructor knowledgeable about the topic of combustion venting? ☒ YES ☐ NO

Comments _____

9. Was much of the material presented taught to you during your school training? ☒ YES ☐ NO

10. Was much of the material presented taught to you in other training courses since you joined the industry? ☒ YES ☐ NO

11. Was the section on House-as-a-System interesting to you? ☒ YES ☐ NO

12. Please provide any other comments that you would like to make.

THE BASIC PROBLEM AS I SEE IT IS NOT ENOUGH
cmhctrs MAKE UP AIR FOR HIGH CFM EXHAUST
EQUIPMENT & EXPENSIVE METHODS TO PROVIDE
MAKE UP AIR.

EVALUATION FORM

1. Did you learn something about venting the products of combustion that you did not already know? YES NO

2. Will the material presented help you on the job? YES NO

3. Was the section on remedial measures useful? YES NO

4. Was the material presented in an easy to understand manner? YES NO

Comments _____

5. Would you recommend that this course be presented to all service technicians? YES NO

Comments _____

6. Were the videos useful? YES NO

Comments _____

7. What changes, if any, would you make to the content of the course to make it more useful in your area?

8. Was the instructor knowledgeable about the topic of combustion venting? YES NO

Comments _____

9. Was much of the material presented taught to you during your school training? YES NO

10. Was much of the material presented taught to you in other training courses since you joined the industry? YES NO

11. Was the section on House-as-a-System interesting to you? YES NO

12. Please provide any other comments that you would like to make.

cmhctrns

ALBERTA WORKSHOP

ED

EVALUATION FORM

1. Did you learn something about venting the products of combustion that you did not already know? ☒ YES ☐ NO

2. Will the material presented help you on the job? ☒ YES ☐ NO

3. Was the section on remedial measures useful? YES ☒ NO

4. Was the material presented in an easy to understand manner? ☒ YES ☐ NO

Comments _____

5. Would you recommend that this course be presented to all service technicians? ☒ YES ☐ NO

Comments _____

6. Were the videos useful? ☒ YES ☐ NO

Comments _____

7. What changes, if any, would you make to the content of the course to make it more useful in your area?

move it a little faster,

8. Was the instructor knowledgeable about the topic of combustion venting? ☒ YES ☐ NO

Comments *The tests were new to me, most interesting*

9. Was much of the material presented taught to you during your school training? ☒ YES ☐ NO

10. Was much of the material presented taught to you in other training courses since you joined the industry? ☒ YES ☐ NO

11. Was the section on House-as-a-System interesting to you? ☒ YES ☐ NO

12. Please provide any other comments that you would like to make.

Design factors I.E. chimney sizing
ext not touched on

cmhctns

ED.

EVALUATION FORM

1. Did you learn something about venting the products of combustion that you did not already know? ☒ YES ☐ NO

2. Will the material presented help you on the job? ☒ YES ☐ NO

3. Was the section on remedial measures useful? ☒ YES ☐ NO

4. Was the material presented in an easy to understand manner? ☒ YES ☐ NO

Comments HANDBOOK TO CLOSER MATCH PRESENTATION ORDER

5. Would you recommend that this course be presented to all service technicians? ☒ YES ☐ NO

Comments _____

6. Were the videos useful? ☒ YES ☐ NO

Comments _____

7. What changes, if any, would you make to the content of the course to make it more useful in your area?

8. Was the instructor knowledgeable about the topic of combustion venting? ☒ YES ☐ NO

Comments _____

9. Was much of the material presented taught to you during your school training? ☒ YES ☐ NO

10. Was much of the material presented taught to you in other training courses since you joined the industry? ☒ YES ☐ NO

11. Was the section on House-as-a-System interesting to you? ☒ YES ☐ NO

12. Please provide any other comments that you would like to make.

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EVALUATION FORM

1. Did you learn something about venting the products of combustion that you did not already know? ☒ YES ☐ NO

2. Will the material presented help you on the job? ☒ YES ☐ NO

3. Was the section on remedial measures useful? ☒ YES ☐ NO

4. Was the material presented in an easy to understand manner? ☒ YES ☐ NO

Comments _____

5. Would you recommend that this course be presented to all service technicians? ☒ YES ☐ NO

Comments _____

6. Were the videos useful? ☒ YES ☐ NO

Comments _____

7. What changes, if any, would you make to the content of the course to make it more useful in your area?

8. Was the instructor knowledgeable about the topic of combustion venting? ☒ YES ☐ NO

Comments DOWN TO EARTH METHOD

9. Was much of the material presented taught to you during your school training? ☒ YES ☐ NO

10. Was much of the material presented taught to you in other training courses since you joined the industry? YES ☒ NO

11. Was the section on House-as-a-System interesting to you? ☒ YES ☐ NO

12. Please provide any other comments that you would like to make.

ED

EVALUATION FORM

1. Did you learn something about venting the products of combustion that you did not already know? ☒ YES ☐ NO

2. Will the material presented help you on the job? ☒ YES ☐ NO

3. Was the section on remedial measures useful? ☒ YES ☐ NO

4. Was the material presented in an easy to understand manner? ☒ YES ☐ NO

Comments _____

5. Would you recommend that this course be presented to all service technicians? ☒ YES ☐ NO

Comments _____

6. Were the videos useful? ☒ YES ☐ NO

Comments _____

7. What changes, if any, would you make to the content of the course to make it more useful in your area?

None: quite well conducted, + Taught.

8. Was the instructor knowledgeable about the topic of combustion venting? ☒ YES ☐ NO

Comments _____

9. Was much of the material presented taught to you during your school training? ☒ YES ☐ NO *(other) Some was Taught.*

10. Was much of the material presented taught to you in other training courses since you joined the industry? ☒ YES ☐ NO

11. Was the section on House-as-a-System interesting to you? ☒ YES ☐ NO

12. Please provide any other comments that you would like to make.

This Should Be a Recommended Course of Study
cmhctms as an option, on gas courses. or Gas fitters
School Courses, and the student should
be credited accordingly, for his extra
Effort.

EVALUATION FORM

1. Did you learn something about venting the products of combustion that you did not already know? ☒ YES ☐ NO

2. Will the material presented help you on the job? ☒ YES ☐ NO

3. Was the section on remedial measures useful? ☒ YES ☐ NO

4. Was the material presented in an easy to understand manner? ☒ YES ☐ NO

Comments _____

5. Would you recommend that this course be presented to all service technicians? ☒ YES ☐ NO

Comments _____

6. Were the videos useful? ☒ YES ☐ NO

Comments _____

7. What changes, if any, would you make to the content of the course to make it more useful in your area?

More discussion on certain areas to look for cracks in furnace heat exchangers

8. Was the instructor knowledgeable about the topic of combustion venting? ☒ YES ☐ NO

Comments _____

9. Was much of the material presented taught to you during your school training? YES ☒ NO

10. Was much of the material presented taught to you in other training courses since you joined the industry? ☒ YES ☐ NO

11. Was the section on House-as-a-System interesting to you? ☒ YES ☐ NO

12. Please provide any other comments that you would like to make.

EVALUATION FORM

1. Did you learn something about venting the products of combustion that you did not already know? ☒ YES ☐ NO

2. Will the material presented help you on the job? ☒ YES ☐ NO

3. Was the section on remedial measures useful? ☒ YES ☐ NO

4. Was the material presented in an easy to understand manner? ☒ YES ☐ NO

Comments _____

5. Would you recommend that this course be presented to all service technicians? ☒ YES ☐ NO

Comments _____

6. Were the videos useful? ☐ YES ☐ NO

Comments _____

7. What changes, if any, would you make to the content of the course to make it more useful in your area?

8. Was the instructor knowledgeable about the topic of combustion venting? ☒ YES ☐ NO

Comments _____

9. Was much of the material presented taught to you during your school training? ☒ YES ☐ NO

10. Was much of the material presented taught to you in other training courses since you joined the industry? ☒ YES ☐ NO

11. Was the section on House-as-a-System interesting to you? ☐ YES ☐ NO

12. Please provide any other comments that you would like to make.

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EVALUATION FORM

1. Did you learn something about venting the products of combustion that you did not already know? ☒ YES NO

2. Will the material presented help you on the job? ☒ YES NO

3. Was the section on remedial measures useful? ☒ YES NO

4. Was the material presented in an easy to understand manner? ☒ YES NO

Comments _____

5. Would you recommend that this course be presented to all service technicians? ☒ YES NO

Comments _____

6. Were the videos useful? ☒ YES NO

Comments _____

7. What changes, if any, would you make to the content of the course to make it more useful in your area?

8. Was the instructor knowledgeable about the topic of combustion venting? ☒ YES NO

Comments _____

9. Was much of the material presented taught to you during your school training? ☒ YES NO

10. Was much of the material presented taught to you in other training courses since you joined the industry? ☒ YES NO

11. Was the section on House-as-a-System interesting to you? ☒ YES NO

12. Please provide any other comments that you would like to make.

GOOD PRESENTATION - INTERESTING - THANK YOU !!

cmhctrns

EVALUATION FORM

1. Did you learn something about venting the products of combustion that you did not already know? YES ☒ NO

2. Will the material presented help you on the job? ☒ YES NO

3. Was the section on remedial measures useful? ☒ YES NO

4. Was the material presented in an easy to understand manner? ☒ YES NO

Comments _____

5. Would you recommend that this course be presented to all service technicians? ☒ YES NO

Comments _____

6. Were the videos useful? ☒ YES NO

Comments _____

7. What changes, if any, would you make to the content of the course to make it more useful in your area?

8. Was the instructor knowledgeable about the topic of combustion venting? ☒ YES NO

Comments _____

9. Was much of the material presented taught to you during your school training? ☒ YES NO

10. Was much of the material presented taught to you in other training courses since you joined the industry? YES ☒ NO

11. Was the section on House-as-a-System interesting to you? YES ☒ NO

12. Please provide any other comments that you would like to make.

EVALUATION FORM

1. Did you learn something about venting the products of combustion that you did not already know? ☒ YES ☐ NO

2. Will the material presented help you on the job? ☒ YES ☐ NO

3. Was the section on remedial measures useful? ☒ YES ☐ NO

4. Was the material presented in an easy to understand manner? ☒ YES ☒ NO

Comments PRESSURE TEST CONFUSING

5. Would you recommend that this course be presented to all service technicians? ☒ YES ☒ NO

Comments TECHNICIANS ONLY WITH SOME EXPERIENCE

6. Were the videos useful? ☒ YES ☐ NO

Comments _____

7. What changes, if any, would you make to the content of the course to make it more useful in your area?

REFER TO # 4

8. Was the instructor knowledgeable about the topic of combustion venting? ☒ YES ☐ NO

Comments _____

9. Was much of the material presented taught to you during your school training? ☒ YES ☒ NO

10. Was much of the material presented taught to you in other training courses since you joined the industry? ☒ YES ☐ NO TOTAL TUNE UP

11. Was the section on House-as-a-System interesting to you? ☒ YES ☐ NO

12. Please provide any other comments that you would like to make.

THERE COULD BE SOME HUMOR

cmhctrs

EVALUATION FORM

1. Did you learn something about venting the products of combustion that you did not already know? ☒ YES ☐ NO

2. Will the material presented help you on the job? ☒ YES ☐ NO

3. Was the section on remedial measures useful? ☒ YES ☐ NO

4. Was the material presented in an easy to understand manner? ☒ YES ☐ NO

Comments _____

5. Would you recommend that this course be presented to all service technicians? ☒ YES ☐ NO

Comments _____

6. Were the videos useful? ☒ YES ☐ NO

Comments _____

7. What changes, if any, would you make to the content of the course to make it more useful in your area?

8. Was the instructor knowledgeable about the topic of combustion venting? ☒ YES ☐ NO

Comments _____

9. Was much of the material presented taught to you during your school training? ☒ YES ☐ NO

10. Was much of the material presented taught to you in other training courses since you joined the industry? ☒ YES ☐ NO

11. Was the section on House-as-a-System interesting to you? ☒ YES ☐ NO

12. Please provide any other comments that you would like to make.

cmhctrns

EVALUATION FORM

1. Did you learn something about venting the products of combustion that you did not already know? ☒ YES ☐ NO

2. Will the material presented help you on the job? ☒ YES ☐ NO

3. Was the section on remedial measures useful? ☒ YES ☐ NO

4. Was the material presented in an easy to understand manner? ☒ YES ☐ NO

Comments _____

5. Would you recommend that this course be presented to all service technicians? ☒ YES ☐ NO

Comments _____

6. Were the videos useful? ☒ YES ☐ NO

Comments _____

7. What changes, if any, would you make to the content of the course to make it more useful in your area?

8. Was the instructor knowledgeable about the topic of combustion venting? ☒ YES ☐ NO

Comments _____

9. Was much of the material presented taught to you during your school training? ☒ YES ☐ NO

10. Was much of the material presented taught to you in other training courses since you joined the industry? ☒ YES ☐ NO

11. Was the section on House-as-a-System interesting to you? ☒ YES ☐ NO

12. Please provide any other comments that you would like to make.

EVALUATION FORM

1. Did you learn something about venting the products of combustion that you did not already know? ☒ YES ☐ NO

2. Will the material presented help you on the job? ☒ YES ☐ NO

3. Was the section on remedial measures useful? ☒ YES ☐ NO

4. Was the material presented in an easy to understand manner? ☒ YES ☐ NO

Comments _____

5. Would you recommend that this course be presented to all service technicians? ☒ YES ☐ NO

Comments _____

6. Were the videos useful? ☒ YES ☐ NO

Comments _____

7. What changes, if any, would you make to the content of the course to make it more useful in your area?

8. Was the instructor knowledgeable about the topic of combustion venting? ☒ YES ☐ NO

Comments _____

9. Was much of the material presented taught to you during your school training? YES ☒ NO

10. Was much of the material presented taught to you in other training courses since you joined the industry? ☒ YES ☐ NO

11. Was the section on House-as-a-System interesting to you? ☒ YES ☐ NO

12. Please provide any other comments that you would like to make.

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EVALUATION FORM

1. Did you learn something about venting the products of combustion that you did not already know? YES NO

2. Will the material presented help you on the job? YES NO

3. Was the section on remedial measures useful? YES NO

4. Was the material presented in an easy to understand manner? YES NO

Comments _____

5. Would you recommend that this course be presented to all service technicians? YES NO

Comments _____

6. Were the videos useful? YES NO

Comments _____

7. What changes, if any, would you make to the content of the course to make it more useful in your area?

Incorporate discussion of furnaces
other than natural draft & problems
associated with them in retrofit installations

8. Was the instructor knowledgeable about the topic of combustion venting? YES NO

Comments _____

9. Was much of the material presented taught to you during your school training? YES NO

10. Was much of the material presented taught to you in other training courses since you joined the industry? YES NO

11. Was the section on House-as-a-System interesting to you? YES NO

12. Please provide any other comments that you would like to make.

cmhctrns

EVALUATION FORM

- 1. Did you learn something about venting the products of combustion that you did not already know? YES ☒ NO
- 2. Will the material presented help you on the job? YES ☒ NO PROBABLY NOT
- 3. Was the section on remedial measures useful? YES ☒ NO Already had knowledge.
- 4. Was the material presented in an easy to understand manner? ☒ YES NO

Comments _____

- 5. Would you recommend that this course be presented to all service technicians? YES ☒ NO

Comments New Tech's would find it useful.

- 6. Were the videos useful? ☒ YES NO

Comments PASSED THE TIME.

- 7. What changes, if any, would you make to the content of the course to make it more useful in your area?

ON SITE DEMO'S.

- 8. Was the instructor knowledgeable about the topic of combustion venting? ☒ YES NO

Comments _____

- 9. Was much of the material presented taught to you during your school training? ☒ YES NO

- 10. Was much of the material presented taught to you in other training courses since you joined the industry? ☒ YES NO

- 11. Was the section on House-as-a-System interesting to you? ☒ YES NO

- 12. Please provide any other comments that you would like to make.

THIS would be a good T.V. Program for do-it-yourself people.
cmhctrns
OR phone in program

EVALUATION FORM

1. Did you learn something about venting the products of combustion that you did not already know? ☒ YES ☐ NO

2. Will the material presented help you on the job? ☒ YES ☐ NO

3. Was the section on remedial measures useful? ☐ YES ☐ NO

4. Was the material presented in an easy to understand manner? ☒ YES ☐ NO

Comments _____

5. Would you recommend that this course be presented to all service technicians? ☒ YES ☐ NO

Comments _____

6. Were the videos useful? ☒ YES ☐ NO

Comments _____

7. What changes, if any, would you make to the content of the course to make it more useful in your area?

8. Was the instructor knowledgeable about the topic of combustion venting? ☒ YES ☐ NO

Comments _____

9. Was much of the material presented taught to you during your school training? ☒ YES ☐ NO

10. Was much of the material presented taught to you in other training courses since you joined the industry? ☒ YES ☐ NO

11. Was the section on House-as-a-System interesting to you? ☒ YES ☐ NO

12. Please provide any other comments that you would like to make.

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EVALUATION FORM

1. Did you learn something about venting the products of combustion that you did not already know? ☒ YES ☐ NO

2. Will the material presented help you on the job? ☒ YES ☐ NO

3. Was the section on remedial measures useful? ☒ YES ☐ NO

4. Was the material presented in an easy to understand manner? ☒ YES ☐ NO

Comments Very well presented

5. Would you recommend that this course be presented to all service technicians? ☒ YES ☐ NO

Comments _____

6. Were the videos useful? ☒ YES ☐ NO

Comments _____

7. What changes, if any, would you make to the content of the course to make it more useful in your area?

8. Was the instructor knowledgeable about the topic of combustion venting? ☒ YES ☐ NO

Comments _____

9. Was much of the material presented taught to you during your school training? YES ☒ NO

10. Was much of the material presented taught to you in other training courses since you joined the industry? ☒ YES ☐ NO

11. Was the section on House-as-a-System interesting to you? ☒ YES ☐ NO

12. Please provide any other comments that you would like to make.

cmhctrns

ED

EVALUATION FORM

1. Did you learn something about venting the products of combustion that you did not already know? YES NO

2. Will the material presented help you on the job? YES NO

3. Was the section on remedial measures useful? YES NO

4. Was the material presented in an easy to understand manner? YES NO

Comments _____

5. Would you recommend that this course be presented to all service technicians? YES NO

Comments _____

6. Were the videos useful? YES NO

Comments _____

7. What changes, if any, would you make to the content of the course to make it more useful in your area?

8. Was the instructor knowledgeable about the topic of combustion venting? YES NO

Comments _____

9. Was much of the material presented taught to you during your school training? YES NO

10. Was much of the material presented taught to you in other training courses since you joined the industry? YES NO

11. Was the section on House-as-a-System interesting to you? YES NO

12. Please provide any other comments that you would like to make.

cmhctns

EVALUATION FORM

1. Did you learn something about venting the products of combustion that you did not already know? YES NO

2. Will the material presented help you on the job? YES NO

3. Was the section on remedial measures useful? YES NO

4. Was the material presented in an easy to understand manner? YES NO

Comments _____

5. Would you recommend that this course be presented to all service technicians? YES NO

Comments _____

6. Were the videos useful? YES NO

Comments _____

7. What changes, if any, would you make to the content of the course to make it more useful in your area?

8. Was the instructor knowledgeable about the topic of combustion venting? YES NO

Comments _____

9. Was much of the material presented taught to you during your school training? YES NO

10. Was much of the material presented taught to you in other training courses since you joined the industry? YES NO

11. Was the section on House-as-a-System interesting to you? YES NO

12. Please provide any other comments that you would like to make.

cmhctns

EVALUATION FORM

1. Did you learn something about venting the products of combustion that you did not already know? ☒ YES ☐ NO

2. Will the material presented help you on the job? ☒ YES ☐ NO

3. Was the section on remedial measures useful? ☒ YES ☐ NO

4. Was the material presented in an easy to understand manner? ☒ YES ☐ NO

Comments _____

5. Would you recommend that this course be presented to all service technicians? ☒ YES ☐ NO

Comments EVER IF YOU KNOW THE MATERIAL REVIEW WILL BE HELPFUL

6. Were the videos useful? ☒ YES ☐ NO

Comments _____

7. What changes, if any, would you make to the content of the course to make it more useful in your area?

MORE INFO ON Venting material and systems (what's allowed and what's not)

8. Was the instructor knowledgeable about the topic of combustion venting? ☒ YES ☐ NO

Comments _____

9. Was much of the material presented taught to you during your school training? ☒ YES ☐ NO ^{some}

10. Was much of the material presented taught to you in other training courses since you joined the industry? YES ☒ NO

11. Was the section on House-as-a-System interesting to you? ☒ YES ☐ NO

12. Please provide any other comments that you would like to make.

ED

EVALUATION FORM

1. Did you learn something about venting the products of combustion that you did not already know? YES NO

2. Will the material presented help you on the job? YES NO

3. Was the section on remedial measures useful? YES NO

4. Was the material presented in an easy to understand manner? YES NO

Comments _____

5. Would you recommend that this course be presented to all service technicians? YES NO

Comments Possibly a condensed version

6. Were the videos useful? YES NO

Comments _____

7. What changes, if any, would you make to the content of the course to make it more useful in your area?

ADDRESS THE AREA OF INDIVIDUALLY VENTED
APPLIANCES IE GAS FIREPLACES ESPECIALLY THOSE INSERTED INTO
WOODBURNING FIREPLACES

8. Was the instructor knowledgeable about the topic of combustion venting? YES NO

Comments _____

9. Was much of the material presented taught to you during your school training? YES NO

10. Was much of the material presented taught to you in other training courses since you joined the industry? YES NO

11. Was the section on House-as-a-System interesting to you? YES NO

12. Please provide any other comments that you would like to make.

AS NUL PERSON WHO CONDUCTS TRAINING IN THIS
cmhctns AREA I AM ANXIOUS TO INCLUDE THIS INFORMATION
IN MY PROGRAM.

20

EVALUATION FORM

1. Did you learn something about venting the products of combustion that you did not already know? ☒ YES ☐ NO

2. Will the material presented help you on the job? ☒ YES ☐ NO

3. Was the section on remedial measures useful? ☒ YES ☐ NO

4. Was the material presented in an easy to understand manner? ☒ YES ☐ NO

Comments _____

5. Would you recommend that this course be presented to all service technicians? ☒ YES ☐ NO

Comments Should be part of HVAC Tech Training

6. Were the videos useful? ☒ YES ☐ NO

Comments _____

7. What changes, if any, would you make to the content of the course to make it more useful in your area?

8. Was the instructor knowledgeable about the topic of combustion venting? ☒ YES ☐ NO

Comments _____

9. Was much of the material presented taught to you during your school training? ☒ YES ☐ NO

10. Was much of the material presented taught to you in other training courses since you joined the industry? ☒ YES ☐ NO

11. Was the section on House-as-a-System interesting to you? ☒ YES ☐ NO

12. Please provide any other comments that you would like to make.

cmhctrs

EVALUATION FORM

1. Did you learn something about venting the products of combustion that you did not already know? ☒ YES ☐ NO

2. Will the material presented help you on the job? ☒ YES ☐ NO

3. Was the section on remedial measures useful? ☒ YES ☐ NO

4. Was the material presented in an easy to understand manner? ☒ YES ☐ NO

Comments good manual

5. Would you recommend that this course be presented to all service technicians? ☒ YES ☐ NO

Comments in a video for companies to put on

6. Were the videos useful? ☒ YES ☐ NO

Comments run back up

7. What changes, if any, would you make to the content of the course to make it more useful in your area?

maybe have a actual furnace
on site to demonstrate tests

8. Was the instructor knowledgeable about the topic of combustion venting? ☒ YES ☐ NO

Comments _____

9. Was much of the material presented taught to you during your school training? YES ☒ NO

10. Was much of the material presented taught to you in other training courses since you joined the industry? YES ☒ NO

11. Was the section on House-as-a-System interesting to you? ☒ YES ☐ NO

12. Please provide any other comments that you would like to make.

cmhctns

EVALUATION FORM

1. Did you learn something about venting the products of combustion that you did not already know? ☒ YES ☐ NO

2. Will the material presented help you on the job? ☒ YES ☐ NO

3. Was the section on remedial measures useful? ☒ YES ☐ NO

4. Was the material presented in an easy to understand manner? ☒ YES ☐ NO

Comments GOOD SIMPLE DETAILED INFO.

5. Would you recommend that this course be presented to all service technicians? ☒ YES ☐ NO

Comments _____

6. Were the videos useful? ☒ YES ☐ NO

Comments _____

7. What changes, if any, would you make to the content of the course to make it more useful in your area?

CHECK ALL COOP BEFORE COURSE IS PRESENTED

8. Was the instructor knowledgeable about the topic of combustion venting? ☒ YES ☐ NO

Comments HE WAS KNOWLEDGEABLE & EXCELLENT SPEAKER

9. Was much of the material presented taught to you during your school training? ☒ YES ☐ NO

10. Was much of the material presented taught to you in other training courses since you joined the industry? ☒ YES ☐ NO

11. Was the section on House-as-a-System interesting to you? ☒ YES ☐ NO

12. Please provide any other comments that you would like to make.

cmhctrs

EVALUATION FORM

1. Did you learn something about venting the products of combustion that you did not already know? ☒ YES ☐ NO

2. Will the material presented help you on the job? ☒ YES ☐ NO

3. Was the section on remedial measures useful? ☒ YES ☐ NO

4. Was the material presented in an easy to understand manner? ☒ YES ☐ NO

Comments _____

5. Would you recommend that this course be presented to all service technicians? ☒ YES ☐ NO

Comments TO INFORM OF PROPER CHECK ANALYSIS

6. Were the videos useful? ☒ YES ☐ NO

Comments _____

7. What changes, if any, would you make to the content of the course to make it more useful in your area?

8. Was the instructor knowledgeable about the topic of combustion venting? ☒ YES ☐ NO

Comments _____

9. Was much of the material presented taught to you during your school training? YES ☒ NO

10. Was much of the material presented taught to you in other training courses since you joined the industry? YES ☒ NO

11. Was the section on House-as-a-System interesting to you? ☒ YES ☐ NO

12. Please provide any other comments that you would like to make.

VERY INFORMATIVE SEMINAR

cmhctrs

EVALUATION FORM

1. Did you learn something about venting the products of combustion that you did not already know? ☒ YES ☐ NO

2. Will the material presented help you on the job? ☒ YES ☐ NO

3. Was the section on remedial measures useful? ☒ YES ☐ NO

4. Was the material presented in an easy to understand manner? ☐ YES ☐ NO

Comments _____

5. Would you recommend that this course be presented to all service technicians? ☐ YES ☐ NO

Comments _____

6. Were the videos useful? ☒ YES ☐ NO

Comments _____

7. What changes, if any, would you make to the content of the course to make it more useful in your area?

8. Was the instructor knowledgeable about the topic of combustion venting? ☒ YES ☐ NO

Comments _____

9. Was much of the material presented taught to you during your school training? ☐ YES ☒ NO

10. Was much of the material presented taught to you in other training courses since you joined the industry? ☐ YES ☐ NO

11. Was the section on House-as-a-System interesting to you? ☒ YES ☐ NO

12. Please provide any other comments that you would like to make.

EP.

EVALUATION FORM

1. Did you learn something about venting the products of combustion that you did not already know? ☒ YES ☐ NO

2. Will the material presented help you on the job? ☒ YES ☐ NO

3. Was the section on remedial measures useful? ☒ YES ☐ NO

4. Was the material presented in an easy to understand manner? ☒ YES ☐ NO

Comments _____

5. Would you recommend that this course be presented to all service technicians? ☒ YES ☐ NO

Comments _____

6. Were the videos useful? ☒ YES ☐ NO

Comments _____

7. What changes, if any, would you make to the content of the course to make it more useful in your area?

8. Was the instructor knowledgeable about the topic of combustion venting? ☒ YES ☐ NO

Comments _____

9. Was much of the material presented taught to you during your school training? ☒ YES ☐ NO

10. Was much of the material presented taught to you in other training courses since you joined the industry? ☒ YES ☐ NO

11. Was the section on House-as-a-System interesting to you? ☒ YES ☐ NO

12. Please provide any other comments that you would like to make.

cmhctrns

SASKATCHEWAN WORKSHOP

91 Aug 12

EVALUATION FORM

1. Did you learn something about venting the products of combustion that you did not already know? YES NO

2. Will the material presented help you on the job? ☒ YES NO

3. Was the section on remedial measures useful? ☒ YES NO

4. Was the material presented in an easy to understand manner? ☒ YES NO

Comments _____

5. Would you recommend that this course be presented to all service technicians? ☒ YES NO

Comments _____

6. Were the videos useful? ☒ YES NO

Comments _____

7. What changes, if any, would you make to the content of the course to make it more useful in your area?

more info should be presented on use of metal chimney liners (certified) as a remedial measure.

8. Was the instructor knowledgeable about the topic of combustion venting? ☒ YES NO

Comments _____

9. Was much of the material presented taught to you during your school training? YES ☒ NO

10. Was much of the material presented taught to you in other training courses since you joined the industry? ☒ YES NO

11. Was the section on House-as-a-System interesting to you? ☒ YES NO

12. Please provide any other comments that you would like to make.

*Oversized or exterior chimneys/gas vents
cmhctrs*

*are prone to causing spillage
Use of vermiculite insulation is prohibited
in Ash.*

EVALUATION FORM

1. Did you learn something about venting the products of combustion that you did not already know? ☒ YES ☐ NO

2. Will the material presented help you on the job? ☒ YES ☐ NO

3. Was the section on remedial measures useful? ☒ YES ☐ NO

4. Was the material presented in an easy to understand manner? ☒ YES ☐ NO

Comments _____

5. Would you recommend that this course be presented to all service technicians? ☒ YES ☐ NO

Comments _____

6. Were the videos useful? ☒ YES ☐ NO

Comments _____

7. What changes, if any, would you make to the content of the course to make it more useful in your area?

8. Was the instructor knowledgeable about the topic of combustion venting? ☒ YES ☐ NO

Comments _____

9. Was much of the material presented taught to you during your school training? ☒ YES ☐ NO

Not to this extent

10. Was much of the material presented taught to you in other training courses since you joined the industry? YES ☒ NO

11. Was the section on House-as-a-System interesting to you? ☒ YES ☐ NO

12. Please provide any other comments that you would like to make.

cmhctrns

EVALUATION FORM

1. Did you learn something about venting the products of combustion that you did not already know? ☒ YES ☐ NO

2. Will the material presented help you on the job? ☒ YES ☐ NO

3. Was the section on remedial measures useful? ☒ YES ☐ NO

4. Was the material presented in an easy to understand manner? ☒ YES ☐ NO

Comments _____

5. Would you recommend that this course be presented to all service technicians? ☒ YES ☐ NO

Comments _____

6. Were the videos useful? ☒ YES ☐ NO

Comments _____

7. What changes, if any, would you make to the content of the course to make it more useful in your area?

8. Was the instructor knowledgeable about the topic of combustion venting? ☒ YES ☐ NO

Comments _____

9. Was much of the material presented taught to you during your school training? ☒ YES ☐ NO

10. Was much of the material presented taught to you in other training courses since you joined the industry? YES ☒ NO

11. Was the section on House-as-a-System interesting to you? ☒ YES ☐ NO

12. Please provide any other comments that you would like to make.

cmhctrns

EVALUATION FORM

1. Did you learn something about venting the products of combustion that you did not already know? ☒ YES ☐ NO

2. Will the material presented help you on the job? ☒ YES ☐ NO

3. Was the section on remedial measures useful? ☒ YES ☐ NO

4. Was the material presented in an easy to understand manner? ☒ YES ☐ NO

Comments _____

5. Would you recommend that this course be presented to all service technicians? ☒ YES ☐ NO

Comments _____

6. Were the videos useful? YES ☒ NO *Small wry*

Comments _____

7. What changes, if any, would you make to the content of the course to make it more useful in your area?

MATERIAL SHOULD BE PRESENTED, SHOULD BE BASED ON EXPERIENCE OF PERSONS ON COURSE

8. Was the instructor knowledgeable about the topic of combustion venting? ☒ YES ☐ NO

Comments _____

9. Was much of the material presented taught to you during your school training? ☒ YES ☐ NO

10. Was much of the material presented taught to you in other training courses since you joined the industry? ☒ YES ☐ NO

11. Was the section on House-as-a-System interesting to you? ☒ YES ☐ NO

12. Please provide any other comments that you would like to make.

cmhctrns

EVALUATION FORM

1. Did you learn something about venting the products of combustion that you did not already know? YES NO

2. Will the material presented help you on the job? YES NO

3. Was the section on remedial measures useful? YES NO

4. Was the material presented in an easy to understand manner? YES NO

Comments _____

5. Would you recommend that this course be presented to all service technicians? YES NO

Comments _____

6. Were the videos useful? YES NO - 2

Comments _____

7. What changes, if any, would you make to the content of the course to make it more useful in your area?

8. Was the instructor knowledgeable about the topic of combustion venting? YES NO

Comments _____

9. Was much of the material presented taught to you during your school training? YES NO

10. Was much of the material presented taught to you in other training courses since you joined the industry? YES NO

11. Was the section on House-as-a-System interesting to you? YES NO

12. Please provide any other comments that you would like to make.

cmhctrns

EVALUATION FORM

1. Did you learn something about venting the products of combustion that you did not already know? ☒ YES ☐ NO

2. Will the material presented help you on the job? ☒ YES ☐ NO

3. Was the section on remedial measures useful? ☒ YES ☐ NO

4. Was the material presented in an easy to understand manner? ☒ YES ☐ NO

Comments _____

5. Would you recommend that this course be presented to all service technicians? ☒ YES ☐ NO

Comments Provides a good systematic approach to
venting problem determination

6. Were the videos useful? ☒ YES ☐ NO

Comments _____

7. What changes, if any, would you make to the content of the course to make it more useful in your area?

Probably make more relative to
Sask & region.

8. Was the instructor knowledgeable about the topic of combustion venting? ☒ YES ☐ NO

Comments Was easy to listen to also

9. Was much of the material presented taught to you during your school training? YES ☒ NO

10. Was much of the material presented taught to you in other training courses since you joined the industry? YES ☒ NO

11. Was the section on House-as-a-System interesting to you? ☒ YES ☐ NO Important concept
to get across.

12. Please provide any other comments that you would like to make.

EVALUATION FORM

1. Did you learn something about venting the products of combustion that you did not already know? ☒ YES ☐ NO

2. Will the material presented help you on the job? ☒ YES ☐ NO

3. Was the section on remedial measures useful? ☒ YES ☐ NO

4. Was the material presented in an easy to understand manner? ☒ YES ☐ NO

Comments _____

5. Would you recommend that this course be presented to all service technicians? ☒ YES ☐ NO

Comments _____

6. Were the videos useful? ☒ YES ☐ NO

Comments _____

7. What changes, if any, would you make to the content of the course to make it more useful in your area?

This course pertains more to a contractor in some aspects is to our particular job.

8. Was the instructor knowledgeable about the topic of combustion venting? ☒ YES ☐ NO

Comments _____

9. Was much of the material presented taught to you during your school training? ☒ YES ☐ NO

10. Was much of the material presented taught to you in other training courses since you joined the industry? ☒ YES ☐ NO

11. Was the section on House-as-a-System interesting to you? ☒ YES ☐ NO

12. Please provide any other comments that you would like to make.

cmhctrns

EVALUATION FORM

1. Did you learn something about venting the products of combustion that you did not already know? ☒ YES NO

2. Will the material presented help you on the job? ☒ YES NO

3. Was the section on remedial measures useful? ☒ YES NO

4. Was the material presented in an easy to understand manner? ☒ YES NO

Comments More House Work Would Have Been!

5. Would you recommend that this course be presented to all service technicians? ☒ YES NO

Comments _____

6. Were the videos useful? ☒ YES NO

Comments _____

7. What changes, if any, would you make to the content of the course to make it more useful in your area?

8. Was the instructor knowledgeable about the topic of combustion venting? ☒ YES NO

Comments _____

9. Was much of the material presented taught to you during your school training? ☒ YES NO

10. Was much of the material presented taught to you in other training courses since you joined the industry? ☒ YES NO

11. Was the section on House-as-a-System interesting to you? ☒ YES NO

12. Please provide any other comments that you would like to make.

cmhctrns

EVALUATION FORM

1. Did you learn something about venting the products of combustion that you did not already know? ☒ YES ☐ NO

2. Will the material presented help you on the job? YES ☐ NO ☒ SOMEWHAT

3. Was the section on remedial measures useful? ☒ YES ☐ NO

4. Was the material presented in an easy to understand manner? ☒ YES ☐ NO

Comments _____

5. Would you recommend that this course be presented to all service technicians? ☒ YES ☐ NO

Comments To all plg + heating contractors

6. Were the videos useful? ☒ YES ☐ NO

Comments _____

7. What changes, if any, would you make to the content of the course to make it more useful in your area?

MORE IN THE AREA OF POWER VENTING
+ induced draft

8. Was the instructor knowledgeable about the topic of combustion venting? ☒ YES ☐ NO

Comments _____

9. Was much of the material presented taught to you during your school training? ☒ YES ☐ NO

10. Was much of the material presented taught to you in other training courses since you joined the industry? YES ☒ NO

11. Was the section on House-as-a-System interesting to you? ☒ YES ☐ NO

12. Please provide any other comments that you would like to make.

NONE
cmhctns

EVALUATION FORM

1. Did you learn something about venting the products of combustion that you did not already know? ☒ YES ☐ NO

2. Will the material presented help you on the job? ☒ YES ☐ NO

3. Was the section on remedial measures useful? ☒ YES ☐ NO

4. Was the material presented in an easy to understand manner? ☒ YES ☐ NO

Comments _____

5. Would you recommend that this course be presented to all service technicians? ☒ YES ☐ NO

Comments none _____

6. Were the videos useful? ☒ YES ☐ NO

Comments but not necessary _____

7. What changes, if any, would you make to the content of the course to make it more useful in your area?

8. Was the instructor knowledgeable about the topic of combustion venting? ☒ YES ☐ NO

Comments _____

9. Was much of the material presented taught to you during your school training? YES ☒ NO partly

10. Was much of the material presented taught to you in other training courses since you joined the industry? YES ☒ NO

11. Was the section on House-as-a-System interesting to you? ☒ YES ☐ NO

12. Please provide any other comments that you would like to make.

cmhctrns

EVALUATION FORM

1. Did you learn something about venting the products of combustion that you did not already know? ☒ YES NO

2. Will the material presented help you on the job? ☒ YES NO

3. Was the section on remedial measures useful? ☒ YES NO

4. Was the material presented in an easy to understand manner? ☒ YES NO

Comments _____

5. Would you recommend that this course be presented to all service technicians? ☒ YES NO

Comments _____

6. Were the videos useful? ☒ YES NO

Comments _____

7. What changes, if any, would you make to the content of the course to make it more useful in your area?

8. Was the instructor knowledgeable about the topic of combustion venting? ☒ YES NO

Comments _____

9. Was much of the material presented taught to you during your school training? ☒ YES NO

10. Was much of the material presented taught to you in other training courses since you joined the industry? YES ☒ NO

11. Was the section on House-as-a-System interesting to you? ☒ YES NO

12. Please provide any other comments that you would like to make.

cmhctrns

EVALUATION FORM

1. Did you learn something about venting the products of combustion that you did not already know? ☒ YES ☐ NO

2. Will the material presented help you on the job? ☒ YES ☐ NO

3. Was the section on remedial measures useful? ☒ YES ☐ NO

4. Was the material presented in an easy to understand manner? ☒ YES ☐ NO

Comments _____

5. Would you recommend that this course be presented to all service technicians? ☒ YES ☐ NO

Comments _____

6. Were the videos useful? ☒ YES ☐ NO

Comments _____

7. What changes, if any, would you make to the content of the course to make it more useful in your area?

*The video on customer relations
didn't quite fit our circumstances.*

8. Was the instructor knowledgeable about the topic of combustion venting? ☒ YES ☐ NO

Comments _____

9. Was much of the material presented taught to you during your school training? ☒ YES ☐ NO

10. Was much of the material presented taught to you in other training courses since you joined the industry? YES ☒ NO

11. Was the section on House-as-a-System interesting to you? ☒ YES ☐ NO

12. Please provide any other comments that you would like to make.

cmhctns

EVALUATION FORM

1. Did you learn something about venting the products of combustion that you did not already know? ☒ YES ☐ NO

2. Will the material presented help you on the job? ☒ YES ☐ NO

3. Was the section on remedial measures useful? ☒ YES ☐ NO

4. Was the material presented in an easy to understand manner? ☒ YES ☐ NO

Comments _____

5. Would you recommend that this course be presented to all service technicians? ☒ YES ☐ NO

Comments _____

6. Were the videos useful? ☒ YES ☐ NO

Comments _____

7. What changes, if any, would you make to the content of the course to make it more useful in your area?

8. Was the instructor knowledgeable about the topic of combustion venting? ☒ YES ☐ NO

Comments _____

9. Was much of the material presented taught to you during your school training? ☒ YES ☐ NO

10. Was much of the material presented taught to you in other training courses since you joined the industry? ☒ YES ☐ NO

11. Was the section on House-as-a-System interesting to you? ☒ YES ☐ NO

12. Please provide any other comments that you would like to make.

cmhctrns

Thank you.

EVALUATION FORM

1. Did you learn something about venting the products of combustion that you did not already know? YES ☒ NO

2. Will the material presented help you on the job? ☒ YES NO

3. Was the section on remedial measures useful? ☒ YES NO

4. Was the material presented in an easy to understand manner? ☒ YES NO

Comments Good instruction

5. Would you recommend that this course be presented to all service technicians? ☒ YES NO

Comments _____

6. Were the videos useful? ☒ YES NO

Comments _____

7. What changes, if any, would you make to the content of the course to make it more useful in your area?

8. Was the instructor knowledgeable about the topic of combustion venting? ☒ YES NO

Comments _____

9. Was much of the material presented taught to you during your school training? YES ☒ NO

10. Was much of the material presented taught to you in other training courses since you joined the industry? YES ☒ NO

11. Was the section on House-as-a-System interesting to you? ☒ YES NO

12. Please provide any other comments that you would like to make.

cmhctrs

EVALUATION FORM

1. Did you learn something about venting the products of combustion that you did not already know? ☒ YES ☐ NO

2. Will the material presented help you on the job? ☒ YES ☐ NO

3. Was the section on remedial measures useful? ☒ YES ☐ NO

4. Was the material presented in an easy to understand manner? ☒ YES ☐ NO

Comments _____

5. Would you recommend that this course be presented to all service technicians? ☒ YES ☐ NO

Comments _____

6. Were the videos useful? ☒ YES ☐ NO

Comments GIVES BOTH SPEAKER & LISTENER BREAK FROM NORM.

7. What changes, if any, would you make to the content of the course to make it more useful in your area?

8. Was the instructor knowledgeable about the topic of combustion venting? ☒ YES ☐ NO

Comments _____

9. Was much of the material presented taught to you during your school training? YES ☒ NO

10. Was much of the material presented taught to you in other training courses since you joined the industry? YES ☒ NO

11. Was the section on House-as-a-System interesting to you? ☒ YES ☐ NO

12. Please provide any other comments that you would like to make.

cmhctrns

EVALUATION FORM

1. Did you learn something about venting the products of combustion that you did not already know? ☒ YES ☐ NO

2. Will the material presented help you on the job? ☒ YES ☐ NO

3. Was the section on remedial measures useful? ☒ YES ☐ NO

4. Was the material presented in an easy to understand manner? ☒ YES ☐ NO

Comments _____

5. Would you recommend that this course be presented to all service technicians? ☒ YES ☐ NO

Comments _____

6. Were the videos useful? ☒ YES ☐ NO

Comments _____

7. What changes, if any, would you make to the content of the course to make it more useful in your area?

More hands on equipment use

8. Was the instructor knowledgeable about the topic of combustion venting? ☒ YES ☐ NO

Comments _____

9. Was much of the material presented taught to you during your school training? ☒ YES ☐ NO ml

10. Was much of the material presented taught to you in other training courses since you joined the industry? ☐ YES ☒ NO

11. Was the section on House-as-a-System interesting to you? ☒ YES ☐ NO

12. Please provide any other comments that you would like to make.

cmhctrns

EVALUATION FORM

1. Did you learn something about venting the products of combustion that you did not already know? ☒ YES ☐ NO

2. Will the material presented help you on the job? ☒ YES ☐ NO

3. Was the section on remedial measures useful? ☒ YES ☐ NO

4. Was the material presented in an easy to understand manner? ☒ YES ☐ NO

Comments _____

5. Would you recommend that this course be presented to all service technicians? ☒ YES ☐ NO

Comments _____

6. Were the videos useful? YES ☒ NO

Comments _____

7. What changes, if any, would you make to the content of the course to make it more useful in your area?

8. Was the instructor knowledgeable about the topic of combustion venting? ☒ YES ☐ NO

Comments _____

9. Was much of the material presented taught to you during your school training? YES ☒ NO

10. Was much of the material presented taught to you in other training courses since you joined the industry? YES ☒ NO

11. Was the section on House-as-a-System interesting to you? ☒ YES ☐ NO

12. Please provide any other comments that you would like to make.

cmhctrns

EVALUATION FORM

1. Did you learn something about venting the products of combustion that you did not already know? ☒ YES ☐ NO

2. Will the material presented help you on the job? ☒ YES ☐ NO

3. Was the section on remedial measures useful? ☒ YES ☐ NO

4. Was the material presented in an easy to understand manner? ☒ YES ☐ NO

Comments _____

5. Would you recommend that this course be presented to all service technicians? ☒ YES ☐ NO

Comments _____

6. Were the videos useful? YES ☒ NO

Comments _____

7. What changes, if any, would you make to the content of the course to make it more useful in your area?

8. Was the instructor knowledgeable about the topic of combustion venting? ☒ YES ☐ NO

Comments _____

9. Was much of the material presented taught to you during your school training? ☒ YES ☐ NO

10. Was much of the material presented taught to you in other training courses since you joined the industry? YES ☒ NO

11. Was the section on House-as-a-System interesting to you? ☒ YES ☐ NO

12. Please provide any other comments that you would like to make.

cmhctrns

EVALUATION FORM

1. Did you learn something about venting the products of combustion that you did not already know? ☒ YES ☐ NO

2. Will the material presented help you on the job? ☒ YES ☐ NO

3. Was the section on remedial measures useful? ☒ YES ☐ NO

4. Was the material presented in an easy to understand manner? ☒ YES ☐ NO

Comments _____

5. Would you recommend that this course be presented to all service technicians? ☒ YES ☐ NO

Comments _____

6. Were the videos useful? ☒ YES ☐ NO

Comments _____

7. What changes, if any, would you make to the content of the course to make it more useful in your area?

8. Was the instructor knowledgeable about the topic of combustion venting? ☒ YES ☐ NO

Comments _____

9. Was much of the material presented taught to you during your school training? ☒ YES ☐ NO

10. Was much of the material presented taught to you in other training courses since you joined the industry? ☐ YES ☒ NO

11. Was the section on House-as-a-System interesting to you? ☒ YES ☐ NO

12. Please provide any other comments that you would like to make.

EVALUATION FORM

1. Did you learn something about venting the products of combustion that you did not already know? ☒ YES ☐ NO

2. Will the material presented help you on the job? ☒ YES ☐ NO

3. Was the section on remedial measures useful? ☒ YES ☐ NO

4. Was the material presented in an easy to understand manner? ☒ YES ☐ NO

Comments _____

5. Would you recommend that this course be presented to all service technicians? ☒ YES ☐ NO

Comments _____

6. Were the videos useful? ☒ YES ☐ NO

Comments _____

7. What changes, if any, would you make to the content of the course to make it more useful in your area?

8. Was the instructor knowledgeable about the topic of combustion venting? ☒ YES ☐ NO

Comments _____

9. Was much of the material presented taught to you during your school training? YES ☒ NO

10. Was much of the material presented taught to you in other training courses since you joined the industry? YES ☒ NO

11. Was the section on House-as-a-System interesting to you? ☒ YES ☐ NO

12. Please provide any other comments that you would like to make.

cmhctrns

EVALUATION FORM

1. Did you learn something about venting the products of combustion that you did not already know? ☒ YES ☐ NO

2. Will the material presented help you on the job? ☒ YES ☐ NO

3. Was the section on remedial measures useful? ☒ YES ☐ NO

4. Was the material presented in an easy to understand manner? ☒ YES ☐ NO

Comments _____

5. Would you recommend that this course be presented to all service technicians? ☒ YES ☐ NO

Comments _____

6. Were the videos useful? ☒ YES ☐ NO

Comments _____

7. What changes, if any, would you make to the content of the course to make it more useful in your area?

8. Was the instructor knowledgeable about the topic of combustion venting? ☒ YES ☐ NO

Comments _____

9. Was much of the material presented taught to you during your school training? YES ☒ NO

10. Was much of the material presented taught to you in other training courses since you joined the industry? YES ☒ NO

11. Was the section on House-as-a-System interesting to you? ☒ YES ☐ NO

12. Please provide any other comments that you would like to make.

cmhctrns

EVALUATION FORM

1. Did you learn something about venting the products of combustion that you did not already know? YES NO

2. Will the material presented help you on the job? YES NO

3. Was the section on remedial measures useful? YES NO

4. Was the material presented in an easy to understand manner? YES NO

Comments _____

5. Would you recommend that this course be presented to all service technicians? YES NO

Comments _____

6. Were the videos useful? YES NO

Comments _____

7. What changes, if any, would you make to the content of the course to make it more useful in your area?

8. Was the instructor knowledgeable about the topic of combustion venting? YES NO

Comments _____

9. Was much of the material presented taught to you during your school training? YES NO

10. Was much of the material presented taught to you in other training courses since you joined the industry? YES NO

11. Was the section on House-as-a-System interesting to you? YES NO

12. Please provide any other comments that you would like to make.

cmhctrns

EVALUATION FORM

1. Did you learn something about venting the products of combustion that you did not already know? YES ☒ NO

2. Will the material presented help you on the job? YES ☒ NO

3. Was the section on remedial measures useful? YES ☒ NO

4. Was the material presented in an easy to understand manner? YES ☒ NO

Comments _____

5. Would you recommend that this course be presented to all service technicians? YES ☒ NO

Comments _____

6. Were the videos useful? YES ☒ NO

Comments _____

7. What changes, if any, would you make to the content of the course to make it more useful in your area?

*Maybe some information on
sizing loss calculations.*

8. Was the instructor knowledgeable about the topic of combustion venting? YES ☒ NO

Comments _____

9. Was much of the material presented taught to you during your school training? YES ☒ NO

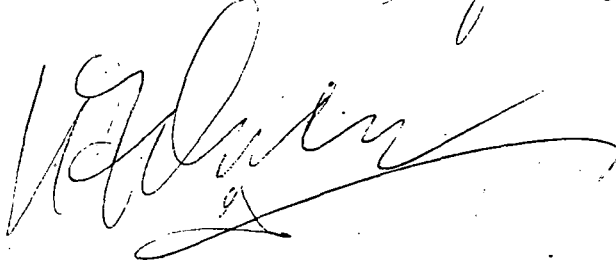
10. Was much of the material presented taught to you in other training courses since you joined the industry? YES NO

11. Was the section on House-as-a-System interesting to you? YES ☒ NO

12. Please provide any other comments that you would like to make.

well presented and informative

cmhctrs



EVALUATION FORM

1. Did you learn something about venting the products of combustion that you did not already know? YES NO

2. Will the material presented help you on the job? YES NO

3. Was the section on remedial measures useful? YES NO

4. Was the material presented in an easy to understand manner? YES NO

Comments _____

5. Would you recommend that this course be presented to all service technicians? YES NO

Comments _____

6. Were the videos useful? YES NO

Comments _____

7. What changes, if any, would you make to the content of the course to make it more useful in your area?

TAKE AT LEAST 1HR TO DEMONSTRATE ON OUR FURNACE

WORK-SHOP

8. Was the instructor knowledgeable about the topic of combustion venting? YES NO

Comments _____

9. Was much of the material presented taught to you during your school training? YES NO

10. Was much of the material presented taught to you in other training courses since you joined the industry? YES NO

11. Was the section on House-as-a-System interesting to you? YES NO

12. Please provide any other comments that you would like to make.

cmhctrns

MANITOBA WORKSHOP

EVALUATION FORM

1. Did you learn something about venting the products of combustion that you did not already know? ☒ YES ☐ NO

2. Will the material presented help you on the job? ☒ YES ☐ NO

3. Was the section on remedial measures useful? ☒ YES ☐ NO

4. Was the material presented in an easy to understand manner? ☒ YES ☐ NO

Comments match the overheads to the book by page number

5. Would you recommend that this course be presented to all service technicians? ☒ YES ☐ NO

Comments _____

6. Were the videos useful? ☒ YES ☐ NO

Comments _____

7. What changes, if any, would you make to the content of the course to make it more useful in your area?

Good now!

8. Was the instructor knowledgeable about the topic of combustion venting? ☒ YES ☐ NO

Comments _____

9. Was much of the material presented taught to you during your school training? YES NO partially

10. Was much of the material presented taught to you in other training courses since you joined the industry? YES NO partially

11. Was the section on House-as-a-System interesting to you? ☒ YES ☐ NO

12. Please provide any other comments that you would like to make.

good job.!! It takes lots of hard work to
cmhctrs keep the attention of such a group.

MAN

EVALUATION FORM

1. Did you learn something about venting the products of combustion that you did not already know? YES NO

2. Will the material presented help you on the job? YES NO

3. Was the section on remedial measures useful? YES NO

4. Was the material presented in an easy to understand manner? YES NO

Comments _____

5. Would you recommend that this course be presented to all service technicians? YES NO

Comments Very informative

6. Were the videos useful? YES NO

Comments _____

7. What changes, if any, would you make to the content of the course to make it more useful in your area?

8. Was the instructor knowledgeable about the topic of combustion venting? YES NO

Comments _____

9. Was much of the material presented taught to you during your school training? YES NO

10. Was much of the material presented taught to you in other training courses since you joined the industry? YES NO

11. Was the section on House-as-a-System interesting to you? YES NO

12. Please provide any other comments that you would like to make.

cmhctrs

EVALUATION FORM

1. Did you learn something about venting the products of combustion that you did not already know? ☒ YES ☐ NO

2. Will the material presented help you on the job? ☒ YES ☐ NO

3. Was the section on remedial measures useful? ☒ YES ☐ NO

4. Was the material presented in an easy to understand manner? ☒ YES ☐ NO

Comments very good

5. Would you recommend that this course be presented to all service technicians? ☒ YES ☐ NO

Comments _____

6. Were the videos useful? ☒ YES ☐ NO

Comments _____

7. What changes, if any, would you make to the content of the course to make it more useful in your area?

8. Was the instructor knowledgeable about the topic of combustion venting? ☒ YES ☐ NO

Comments very knowledgeable - good presentation

9. Was much of the material presented taught to you during your school training? ☒ YES ☐ NO

10. Was much of the material presented taught to you in other training courses since you joined the industry? ☐ YES ☒ NO

11. Was the section on House-as-a-System interesting to you? ☒ YES ☐ NO

12. Please provide any other comments that you would like to make.

EVALUATION FORM

1. Did you learn something about venting the products of combustion that you did not already know? ☒ YES ☐ NO

2. Will the material presented help you on the job? ☒ YES ☐ NO

3. Was the section on remedial measures useful? ☐ YES ☐ NO

4. Was the material presented in an easy to understand manner? ☒ YES ☐ NO

Comments _____

5. Would you recommend that this course be presented to all service technicians? ☒ YES ☐ NO

Comments _____

6. Were the videos useful? ☒ YES ☐ NO

Comments _____

7. What changes, if any, would you make to the content of the course to make it more useful in your area?

8. Was the instructor knowledgeable about the topic of combustion venting? ☒ YES ☐ NO

Comments _____

9. Was much of the material presented taught to you during your school training? ☐ YES ☒ NO

10. Was much of the material presented taught to you in other training courses since you joined the industry? ☐ YES ☐ NO

11. Was the section on House-as-a-System interesting to you? ☒ YES ☐ NO

12. Please provide any other comments that you would like to make.

cmhctrns

MD

EVALUATION FORM

1. Did you learn something about venting the products of combustion that you did not already know? ☒ YES ☐ NO

2. Will the material presented help you on the job? ☒ YES ☐ NO

3. Was the section on remedial measures useful? ☒ YES ☐ NO

4. Was the material presented in an easy to understand manner? ☒ YES ☐ NO

Comments Very good.

5. Would you recommend that this course be presented to all service technicians? ☒ YES ☐ NO

Comments informative & interesting

6. Were the videos useful? ☒ YES ☐ NO

Comments _____

7. What changes, if any, would you make to the content of the course to make it more useful in your area?

8. Was the instructor knowledgeable about the topic of combustion venting? ☒ YES ☐ NO

Comments _____

9. Was much of the material presented taught to you during your school training? ☒ YES ☐ NO

10. Was much of the material presented taught to you in other training courses since you joined the industry? ☒ YES ☐ NO

11. Was the section on House-as-a-System interesting to you? ☒ YES ☐ NO

12. Please provide any other comments that you would like to make.

cmhctrns

MAN

EVALUATION FORM

1. Did you learn something about venting the products of combustion that you did not already know? ☒ YES ☐ NO

2. Will the material presented help you on the job? ☒ YES ☐ NO

3. Was the section on remedial measures useful? ☒ YES ☐ NO

4. Was the material presented in an easy to understand manner? ☒ YES ☐ NO

Comments _____

5. Would you recommend that this course be presented to all service technicians? ☒ YES ☐ NO

Comments _____

6. Were the videos useful? ☒ YES ☐ NO

Comments _____

7. What changes, if any, would you make to the content of the course to make it more useful in your area?

8. Was the instructor knowledgeable about the topic of combustion venting? ☒ YES ☐ NO

Comments _____

9. Was much of the material presented taught to you during your school training? YES ☒ NO

10. Was much of the material presented taught to you in other training courses since you joined the industry? YES ☐ NO *Some*

11. Was the section on House-as-a-System interesting to you? ☒ YES ☐ NO

12. Please provide any other comments that you would like to make.

cmhctrs

M 92.

EVALUATION FORM

1. Did you learn something about venting the products of combustion that you did not already know? ☒ YES ☐ NO

2. Will the material presented help you on the job? ☒ YES ☐ NO

3. Was the section on remedial measures useful? ☒ YES ☐ NO

4. Was the material presented in an easy to understand manner? ☒ YES ☐ NO

Comments _____

5. Would you recommend that this course be presented to all service technicians? ☒ YES ☐ NO

Comments _____

6. Were the videos useful? ☒ YES ☐ NO

Comments _____

7. What changes, if any, would you make to the content of the course to make it more useful in your area?

8. Was the instructor knowledgeable about the topic of combustion venting? ☒ YES ☐ NO

Comments _____

9. Was much of the material presented taught to you during your school training? ☒ YES ☐ NO

10. Was much of the material presented taught to you in other training courses since you joined the industry? YES ☒ NO

11. Was the section on House-as-a-System interesting to you? ☒ YES ☐ NO

12. Please provide any other comments that you would like to make.

cmhctrs

EVALUATION FORM

1. Did you learn something about venting the products of combustion that you did not already know? ☒ YES ☐ NO

2. Will the material presented help you on the job? ☒ YES ☐ NO

3. Was the section on remedial measures useful? ☒ YES ☐ NO

4. Was the material presented in an easy to understand manner? ☒ YES ☐ NO

Comments Diagrams were interesting and helped

5. Would you recommend that this course be presented to all service technicians? YES NO

Comments Not able to comment -

6. Were the videos useful? ☒ YES ☐ NO

Comments _____

7. What changes, if any, would you make to the content of the course to make it more useful in your area?

For marketing or sales reps. - description
of the course - not so much the remedies

8. Was the instructor knowledgeable about the topic of combustion venting? ☒ YES ☐ NO

Comments Actual experience and knowledge
made listening easy - never lost my attention
no comment - never in training

9. Was much of the material presented taught to you during your school training? YES NO

10. Was much of the material presented taught to you in other training courses since you joined the industry? YES ☒ NO

11. Was the section on House-as-a-System interesting to you? ☒ YES ☐ NO

12. Please provide any other comments that you would like to make.

Extend the basis to general public
cmhctrs through CASHC, EMI and utilities

M N

EVALUATION FORM

1. Did you learn something about venting the products of combustion that you did not already know? ☒ YES NO

2. Will the material presented help you on the job? ☒ YES NO

3. Was the section on remedial measures useful? ☒ YES NO

4. Was the material presented in an easy to understand manner? ☒ YES NO

Comments _____

5. Would you recommend that this course be presented to all service technicians? ☒ YES NO

Comments _____

6. Were the videos useful? ☒ YES NO

Comments _____

7. What changes, if any, would you make to the content of the course to make it more useful in your area?

8. Was the instructor knowledgeable about the topic of combustion venting? ☒ YES NO

Comments _____

9. Was much of the material presented taught to you during your school training? ☒ YES NO

10. Was much of the material presented taught to you in other training courses since you joined the industry? ☒ YES NO

11. Was the section on House-as-a-System interesting to you? ☒ YES NO

12. Please provide any other comments that you would like to make.

cmhctrns

M AN.

EVALUATION FORM

1. Did you learn something about venting the products of combustion that you did not already know? ☒ YES NO

2. Will the material presented help you on the job? ☒ YES NO

3. Was the section on remedial measures useful? ☒ YES NO

4. Was the material presented in an easy to understand manner? ☒ YES NO

Comments _____

5. Would you recommend that this course be presented to all service technicians? ☒ YES NO

Comments _____

6. Were the videos useful? ☒ YES NO

Comments _____

7. What changes, if any, would you make to the content of the course to make it more useful in your area?

PRACTICE EXPERIENCE OF PERFORMING
THE ACTUAL TESTS.

8. Was the instructor knowledgeable about the topic of combustion venting? ☒ YES NO

Comments _____

9. Was much of the material presented taught to you during your school training? YES ☒ NO

10. Was much of the material presented taught to you in other training courses since you joined the industry? ☒ YES NO

11. Was the section on House-as-a-System interesting to you? ☒ YES NO

12. Please provide any other comments that you would like to make.

cmhctns

PEI WORKSHOP

PEI NOV. 8/91

Don

EVALUATION FORM

1. Did you learn something about venting the products of combustion that you did not already know? ☒ YES ☐ NO

2. Will the material presented help you on the job? ☒ YES ☐ NO

3. Was the section on remedial measures useful? ☒ YES ☐ NO

4. Was the material presented in an easy to understand manner? ☒ YES ☐ NO

Comments _____

5. Would you recommend that this course be presented to all service technicians? ☒ YES ☐ NO

Comments _____

6. Were the videos useful? ☒ YES ☐ NO

Comments _____

7. What changes, if any, would you make to the content of the course to make it more useful in your area?

8. Was the instructor knowledgeable about the topic of combustion venting? ☒ YES ☐ NO

Comments _____

9. Was much of the material presented taught to you during your school training? YES NO

10. Was much of the material presented taught to you in other training courses since you joined the industry? ☒ YES ☐ NO

11. Was the section on House-as-a-System interesting to you? ☒ YES ☐ NO

12. Please provide any other comments that you would like to make.

cmhctms

EVALUATION FORM

1. Did you learn something about venting the products of combustion that you did not already know? YES NO

2. Will the material presented help you on the job? YES NO

3. Was the section on remedial measures useful? YES NO

4. Was the material presented in an easy to understand manner? YES NO

Comments _____

5. Would you recommend that this course be presented to all service technicians? YES NO

Comments _____

6. Were the videos useful? YES NO

Comments _____

7. What changes, if any, would you make to the content of the course to make it more useful in your area?

8. Was the instructor knowledgeable about the topic of combustion venting? YES NO

Comments _____

9. Was much of the material presented taught to you during your school training? YES NO

10. Was much of the material presented taught to you in other training courses since you joined the industry? YES NO

11. Was the section on House-as-a-System interesting to you? YES NO

12. Please provide any other comments that you would like to make.

EVALUATION FORM

1. Did you learn something about venting the products of combustion that you did not already know? ☒ YES ☐ NO

2. Will the material presented help you on the job? ☒ YES ☐ NO

3. Was the section on remedial measures useful? ☒ YES ☐ NO

4. Was the material presented in an easy to understand manner? ☒ YES ☐ NO

Comments A lot of information: Should of had more time. I enjoyed it.

5. Would you recommend that this course be presented to all service technicians? ☒ YES ☐ NO

Comments Several good points! Great Future Considerations

6. Were the videos useful? ☒ YES ☐ NO

Comments _____

7. What changes, if any, would you make to the content of the course to make it more useful in your area?

I'd try to make two days out of the course.
Because, im fairly new in the course (Heating trade) A lot of good points a little fast.

8. Was the instructor knowledgeable about the topic of combustion venting? ☒ YES ☐ NO

Comments _____

9. Was much of the material presented taught to you during your school training? ☒ YES ☐ NO

10. Was much of the material presented taught to you in other training courses since you joined the industry? YES ☒ NO up to a certain point.

11. Was the section on House-as-a-System interesting to you? ☒ YES ☐ NO

12. Please provide any other comments that you would like to make.

cmhctrns

EVALUATION FORM

WELL
DONE
DOUG!

DALLER

1. Did you learn something about venting the products of combustion that you did not already know? ☒ YES NO

2. Will the material presented help you on the job? ☒ YES NO

3. Was the section on remedial measures useful? ☒ YES NO

4. Was the material presented in an easy to understand manner? ☒ YES NO

Comments _____

5. Would you recommend that this course be presented to all service technicians? ☒ YES NO

Comments _____

6. Were the videos useful? ☒ YES NO

Comments _____

7. What changes, if any, would you make to the content of the course to make it more useful in your area?

MORE DETAILS PROVIDED FOR MAKE-UP / COMBUSTION AIR

INLETS & SIZE REQD FOR DIFFERENT SIZE OF EXHAUSTS ETC

8. Was the instructor knowledgeable about the topic of combustion venting? ☒ YES NO

Comments _____

9. Was much of the material presented taught to you during your school training? YES NO ☒ NA

10. Was much of the material presented taught to you in other training courses since you joined the industry? ☒ YES NO

11. Was the section on House-as-a-System interesting to you? ☒ YES NO

12. Please provide any other comments that you would like to make.

ALLOW MORE TIME FOR REMEDIAL MEASURES + DISCUSSION
CONCEPTS BY PARTICIPANTS.

JW



EVALUATION FORM

1. Did you learn something about venting the products of combustion that you did not already know? ☒ YES ☐ NO

2. Will the material presented help you on the job? ☒ YES ☐ NO

3. Was the section on remedial measures useful? ☒ YES ☐ NO

4. Was the material presented in an easy to understand manner? ☒ YES ☐ NO

Comments _____

5. Would you recommend that this course be presented to all service technicians? ☒ YES ☐ NO

Comments _____

6. Were the videos useful? ☒ YES ☐ NO

Comments _____

7. What changes, if any, would you make to the content of the course to make it more useful in your area?

8. Was the instructor knowledgeable about the topic of combustion venting? ☒ YES ☐ NO

Comments _____

9. Was much of the material presented taught to you during your school training? ☐ YES ☐ NO

10. Was much of the material presented taught to you in other training courses since you joined the industry? ☐ YES ☐ NO

11. Was the section on House-as-a-System interesting to you? ☒ YES ☐ NO

12. Please provide any other comments that you would like to make.

cmhctrs

EVALUATION FORM

1. Did you learn something about venting the products of combustion that you did not already know? ☒ YES ☐ NO

2. Will the material presented help you on the job? ☒ YES ☐ NO

3. Was the section on remedial measures useful? ☒ YES ☐ NO

4. Was the material presented in an easy to understand manner? ☒ YES ☐ NO

Comments SOME MATERIAL PRESENTED RATHER QUICKLY

5. Would you recommend that this course be presented to all service technicians? ☒ YES ☐ NO

Comments TO STUDENTS, TRADES, INSPECTORS

6. Were the videos useful? ☒ YES ☐ NO

Comments IRRITATING SOUND EFFECTS IN FIRST VIDEO

7. What changes, if any, would you make to the content of the course to make it more useful in your area?

8. Was the instructor knowledgeable about the topic of combustion venting? ☒ YES ☐ NO

Comments VERY KNOWLEDGEABLE

9. Was much of the material presented taught to you during your school training? YES ☒ NO

10. Was much of the material presented taught to you in other training courses since you joined the industry? YES ☒ NO

11. Was the section on House-as-a-System interesting to you? YES ☐ NO

12. Please provide any other comments that you would like to make.

KEEP UP THE GOOD WORK.

cmhctrs

EVALUATION FORM

1. Did you learn something about venting the products of combustion that you did not already know? ☒ YES NO

2. Will the material presented help you on the job? ☒ YES NO

3. Was the section on remedial measures useful? ☒ YES NO

4. Was the material presented in an easy to understand manner? ☒ YES NO

Comments _____

5. Would you recommend that this course be presented to all service technicians? ☒ YES NO

Comments _____

6. Were the videos useful? ☒ YES NO

Comments _____

7. What changes, if any, would you make to the content of the course to make it more useful in your area?

8. Was the instructor knowledgeable about the topic of combustion venting? ☒ YES NO

Comments _____

9. Was much of the material presented taught to you during your school training? ☒ YES NO

10. Was much of the material presented taught to you in other training courses since you joined the industry? ☒ YES NO

11. Was the section on House-as-a-System interesting to you? ☒ YES NO

12. Please provide any other comments that you would like to make.

cmhctrns

EVALUATION FORM

1. Did you learn something about venting the products of combustion that you did not already know? ☒ YES ☐ NO

2. Will the material presented help you on the job? ☒ YES ☐ NO

3. Was the section on remedial measures useful? ☒ YES ☐ NO

4. Was the material presented in an easy to understand manner? ☒ YES ☐ NO

Comments _____

5. Would you recommend that this course be presented to all service technicians? ☒ YES ☐ NO

Comments _____

6. Were the videos useful? ☒ YES ☐ NO

Comments _____

7. What changes, if any, would you make to the content of the course to make it more useful in your area?

8. Was the instructor knowledgeable about the topic of combustion venting? ☒ YES ☐ NO

Comments _____

9. Was much of the material presented taught to you during your school training? YES ☒ NO

10. Was much of the material presented taught to you in other training courses since you joined the industry? YES ☒ NO

11. Was the section on House-as-a-System interesting to you? ☒ YES ☐ NO

12. Please provide any other comments that you would like to make.

cmhctrs

EVALUATION FORM

1. Did you learn something about venting the products of combustion that you did not already know? ☒ YES ☐ NO

2. Will the material presented help you on the job? ☒ YES ☐ NO

3. Was the section on remedial measures useful? ☒ YES ☐ NO

4. Was the material presented in an easy to understand manner? ☒ YES ☐ NO

Comments _____

5. Would you recommend that this course be presented to all service technicians? ☒ YES ☐ NO

Comments _____

6. Were the videos useful? ☒ YES ☐ NO

Comments _____

7. What changes, if any, would you make to the content of the course to make it more useful in your area?

8. Was the instructor knowledgeable about the topic of combustion venting? ☒ YES ☐ NO

Comments _____

9. Was much of the material presented taught to you during your school training? ☒ YES ☐ NO

10. Was much of the material presented taught to you in other training courses since you joined the industry? YES ☒ NO

11. Was the section on House-as-a-System interesting to you? ☒ YES ☐ NO

12. Please provide any other comments that you would like to make.

cmhctrs

EVALUATION FORM

1. Did you learn something about venting the products of combustion that you did not already know? ☒ YES ☐ NO

2. Will the material presented help you on the job? ☒ YES ☐ NO

3. Was the section on remedial measures useful? ☒ YES ☐ NO

4. Was the material presented in an easy to understand manner? ☒ YES ☐ NO

Comments _____

5. Would you recommend that this course be presented to all service technicians? ☒ YES ☐ NO

Comments _____

6. Were the videos useful? ☒ YES ☐ NO

Comments _____

7. What changes, if any, would you make to the content of the course to make it more useful in your area?

8. Was the instructor knowledgeable about the topic of combustion venting? ☒ YES ☐ NO

Comments _____

9. Was much of the material presented taught to you during your school training? ☒ YES ☐ NO

10. Was much of the material presented taught to you in other training courses since you joined the industry? ☒ YES ☐ NO

11. Was the section on House-as-a-System interesting to you? ☒ YES ☐ NO

12. Please provide any other comments that you would like to make.

cmhctrns

EVALUATION FORM

1. Did you learn something about venting the products of combustion that you did not already know? ☒ YES ☐ NO

2. Will the material presented help you on the job? ☒ YES ☐ NO

3. Was the section on remedial measures useful? ☒ YES ☐ NO

4. Was the material presented in an easy to understand manner? ☒ YES ☐ NO

Comments _____

5. Would you recommend that this course be presented to all service technicians? ☒ YES ☐ NO

Comments _____

6. Were the videos useful? ☒ YES ☐ NO

Comments _____

7. What changes, if any, would you make to the content of the course to make it more useful in your area?

8. Was the instructor knowledgeable about the topic of combustion venting? ☒ YES ☐ NO

Comments _____

9. Was much of the material presented taught to you during your school training? ☒ YES ☐ NO

10. Was much of the material presented taught to you in other training courses since you joined the industry? ☐ YES ☐ NO

11. Was the section on House-as-a-System interesting to you? ☒ YES ☐ NO

12. Please provide any other comments that you would like to make.

cmhctrns

EVALUATION FORM

1. Did you learn something about venting the products of combustion that you did not already know? ☒ YES ☐ NO

2. Will the material presented help you on the job? ☒ YES ☐ NO

3. Was the section on remedial measures useful? ☒ YES ☐ NO

4. Was the material presented in an easy to understand manner? YES ☒ NO

Comments: Did not elaborate enough, Course went through too fast.

5. Would you recommend that this course be presented to all service technicians? ☒ YES ☐ NO

Comments _____

6. Were the videos useful? ☒ YES ☐ NO

Comments _____

7. What changes, if any, would you make to the content of the course to make it more useful in your area?

8. Was the instructor knowledgeable about the topic of combustion venting? ☒ YES ☐ NO

Comments _____

9. Was much of the material presented taught to you during your school training? YES ☒ NO

10. Was much of the material presented taught to you in other training courses since you joined the industry? YES ☒ NO

11. Was the section on House-as-a-System interesting to you? ☒ YES ☐ NO

12. Please provide any other comments that you would like to make.

Informative
cmhctns

EVALUATION FORM

1. Did you learn something about venting the products of combustion that you did not already know? ~~YES~~ NO

2. Will the material presented help you on the job? YES ~~NO~~

3. Was the section on remedial measures useful? YES ~~NO~~

4. Was the material presented in an easy to understand manner? YES ~~NO~~

Comments Very effective & Knowledgeable

5. Would you recommend that this course be presented to all service technicians? YES ~~NO~~

Comments _____

6. Were the videos useful? YES ~~NO~~

Comments _____

7. What changes, if any, would you make to the content of the course to make it more useful in your area?

8. Was the instructor knowledgeable about the topic of combustion venting? YES ~~NO~~

Comments _____

9. Was ^{some} ~~much~~ of the material presented taught to you during your school training? YES ~~NO~~

10. Was much of the material presented taught to you in other training courses since you joined the industry? YES ~~NO~~

11. Was the section on House-as-a-System interesting to you? YES ~~NO~~

12. Please provide any other comments that you would like to make.

cmhctrns

EVALUATION FORM

1. Did you learn something about venting the products of combustion that you did not already know? ☒ YES ☐ NO

2. Will the material presented help you on the job? ☒ YES ☐ NO

3. Was the section on remedial measures useful? ☒ YES ☐ NO

4. Was the material presented in an easy to understand manner? ☒ YES ☐ NO

Comments Remedial was the most interesting

5. Would you recommend that this course be presented to all service technicians? ☒ YES ☐ NO

Comments could save a few lives

6. Were the videos useful? ☒ YES ☐ NO

Comments _____

7. What changes, if any, would you make to the content of the course to make it more useful in your area?

8. Was the instructor knowledgeable about the topic of combustion venting? ☒ YES ☐ NO

Comments _____

9. Was much of the material presented taught to you during your school training? ☒ YES ☐ NO

10. Was much of the material presented taught to you in other training courses since you joined the industry? ~~YES~~ ☒ NO

11. Was the section on House-as-a-System interesting to you? ☒ YES ☐ NO

12. Please provide any other comments that you would like to make.

cmhctrms

EVALUATION FORM

1. Did you learn something about venting the products of combustion that you did not already know? ☒ YES ☐ NO

2. Will the material presented help you on the job? ☒ YES ☐ NO

3. Was the section on remedial measures useful? ☒ YES ☐ NO

4. Was the material presented in an easy to understand manner? ☒ YES ☐ NO

Comments _____

5. Would you recommend that this course be presented to all service technicians? ☒ YES ☐ NO

Comments _____

6. Were the videos useful? ☒ YES ☐ NO

Comments _____

7. What changes, if any, would you make to the content of the course to make it more useful in your area?

8. Was the instructor knowledgeable about the topic of combustion venting? YES NO

Comments _____

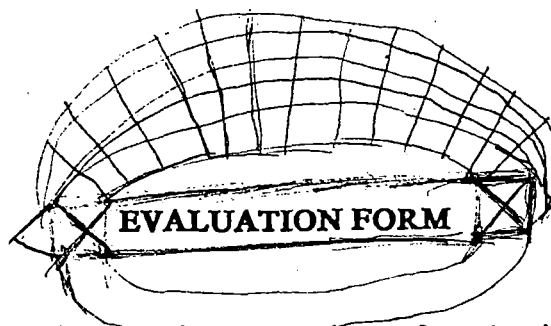
9. Was much of the material presented taught to you during your school training? YES NO

10. Was much of the material presented taught to you in other training courses since you joined the industry? YES NO

11. Was the section on House-as-a-System interesting to you? YES NO

12. Please provide any other comments that you would like to make.

cmhctrns



1. Did you learn something about venting the products of combustion that you did not already know? ☒ YES ☐ NO



2. Will the material presented help you on the job? ☒ YES ☐ NO

3. Was the section on remedial measures useful? ☒ YES ☐ NO

4. Was the material presented in an easy to understand manner? ☒ YES ☐ NO

Comments _____

5. Would you recommend that this course be presented to all service technicians? ☒ YES ☐ NO

Comments _____

6. Were the videos useful? ☒ YES ☐ NO

Comments _____

7. What changes, if any, would you make to the content of the course to make it more useful in your area?

8. Was the instructor knowledgeable about the topic of combustion venting? ☒ YES ☐ NO

Comments _____

9. Was much of the material presented taught to you during your school training? ☒ YES ☐ NO

10. Was much of the material presented taught to you in other training courses since you joined the industry? ☒ YES ☐ NO

11. Was the section on House-as-a-System interesting to you? ☒ YES ☐ NO

12. Please provide any other comments that you would like to make.

cmhctnrs

EVALUATION FORM

1. Did you learn something about venting the products of combustion that you did not already know? ☒ YES NO

2. Will the material presented help you on the job? ☒ YES NO

3. Was the section on remedial measures useful? ☒ YES NO

4. Was the material presented in an easy to understand manner? ☒ YES NO

Comments _____

5. Would you recommend that this course be presented to all service technicians? ☒ YES NO

Comments _____

6. Were the videos useful? ☒ YES NO

Comments _____

7. What changes, if any, would you make to the content of the course to make it more useful in your area?

8. Was the instructor knowledgeable about the topic of combustion venting? ☒ YES NO

Comments _____

9. Was much of the material presented taught to you during your school training? YES ☒ NO

10. Was much of the material presented taught to you in other training courses since you joined the industry? YES ☒ NO

11. Was the section on House-as-a-System interesting to you? ☒ YES NO

12. Please provide any other comments that you would like to make.

cmhctrns

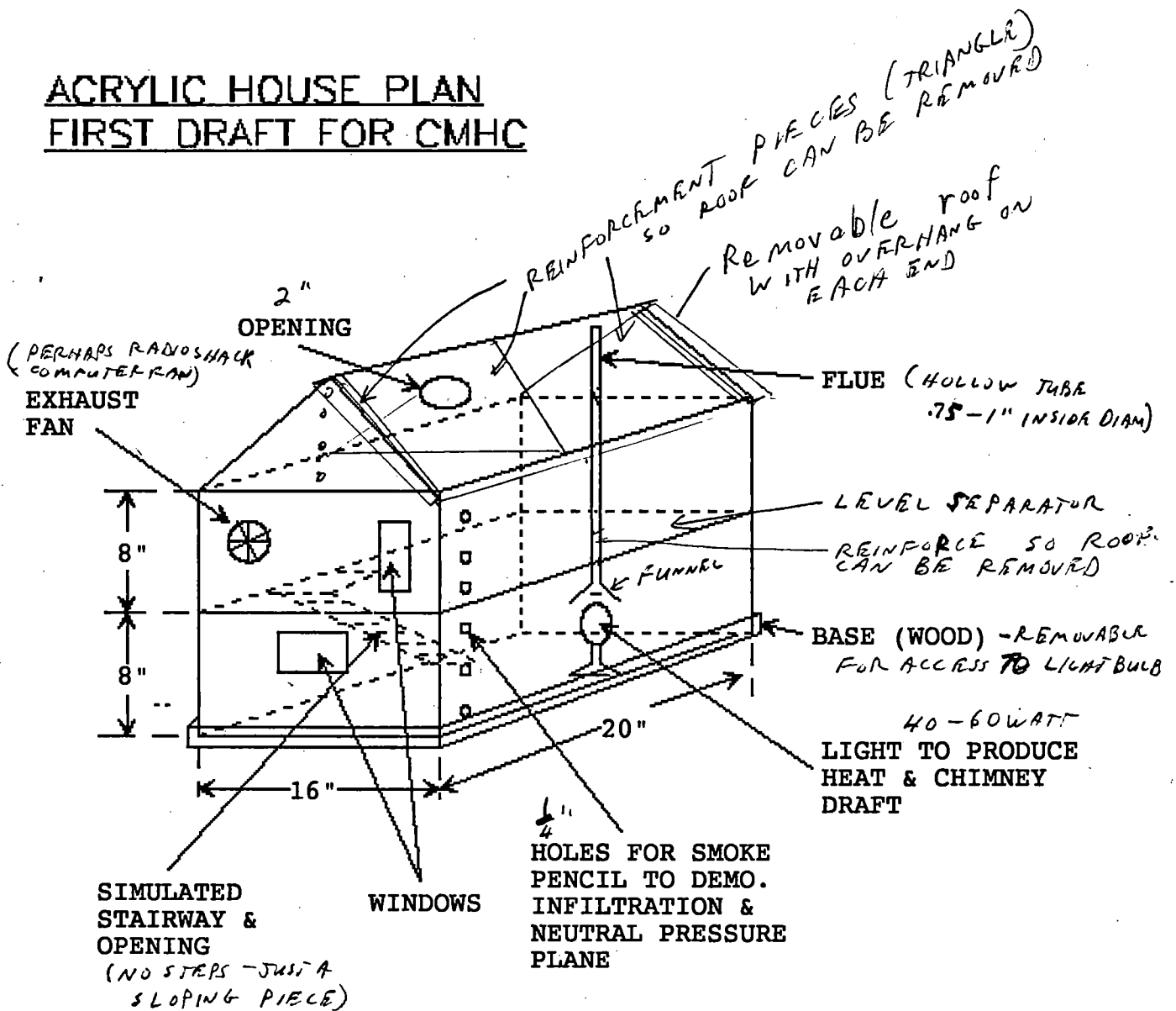
NOVA SCOTIA WORKSHOP

APPENDIX

B

ACRYLIC HOUSE

ACRYLIC HOUSE PLAN FIRST DRAFT FOR CMHC



1/4" ACRYLIC

ACRYLIC HOUSE OPERATION

1. House lifts out of base for cleaning and change of light bulb.
2. Roof lifts off of house for cleaning.
3. Switch on fan lead controls fan.
4. Do not leave light turned-on for prolonged periods as the heat produced may eventually distort or melt the plastic funnel above the bulb. If prolonged operation is required, replace 40 watt bulb with a 25 watt bulb.
5. Use smoke pencil to introduce smoke into house to demonstrate stack effect and chimney effect. To demonstrate back-drafting, squirt smoke into top of chimney while exhaust fan is running. Partial spillage may be demonstrated by temporarily blocking most of the holes through which the fan exhausts air, after leaving the light on until sufficient heat is produced to cause a strong draft up the chimney.
6. Windows may be opened or closed for desired effect. Hole in roof may be opened to enhance stack effect.

APPENDIX

C

SASK POWER BULLETINS AND LABELS

BULLETIN

SaskPower

Gas and Electrical
Inspection Division
2025 Victoria Avenue
Regina, Saskatchewan
S4P 0S1
(306)787-4515

1989 April 17

TO: GAS CONTRACTORS
 GAS INSPECTORS

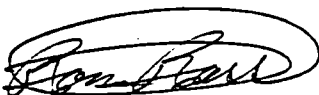
SUBJECT: CHIMNEY LINERS INSULATED WITH ZONOLITE/VERMICULITE

It has come to my attention that some chimneys lined with an aluminum/steel liner have been insulated with Zonolite/Vermiculite insulation. This type of installation can cause chimney flue blockage in event of liner failure. Due to the potential hazard that can be created with this type of liner installation, the use of Zonolite/Vermiculite to insulate an aluminum or steel liner in a chimney is prohibited.

In the interests of consumer safety SaskPower recommends that when an installation of this type is found, the Zonolite/Vermiculite be removed.

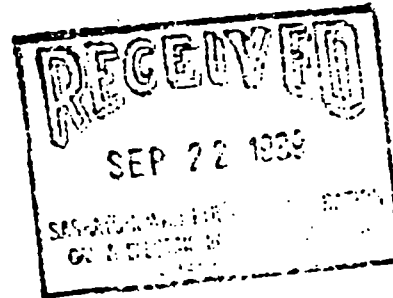
Thank you for your co-operation in the interest of public safety.

This notice is effective 1989 April 17.



Ron R. Ross
Chief Gas Inspector

SaskPower
Gas and Electrical
Inspection Division
2025 Victoria Avenue
Regina, Saskatchewan
S4P 0S1
(306) 787-4515



BULLETIN

To: Gas Contractors, Supply Houses, Gas Utilities
and Gas Inspectors

Subject: Venting Mid-Efficiency Gas-Fired Furnaces
(Equipped with Induced Draft Fans into
Masonry Tile Chimneys and Prefab "A" Chimneys

Further to our Bulletin of May 7, 1986, regarding mid-efficiency gas furnaces discharging combustion products into masonry tile and prefab "A" metal chimneys, resulting in excessive condensation forming on the inside of the chimney flue.

Effective immediately the following shall apply for new or replacement installations. Furnaces equipped with induced draft fans shall be vented into approved Type "B" gas vent or an approved Type "L" gas vent, or an approved flexible metal liner.

(1) All Type "B, L" and flexible metal liners shall be certified, listed and labelled by a recognized testing laboratory; all appropriate adaptors and components must be approved and be compatible to the vents or liners.

(2) Masonry chimneys, including those which are vitrous tile lined and prefab "A" metal chimneys, when receiving combustion products from furnaces of the mid-efficient type, shall be lined with approved "B, L", vent or flexible liner.

BULLETIN

(3) The chimney size shall be neither smaller in diameter than that of the appliance outlet, nor greater than the minimum acceptable size specified in Table B-1 and Clause 5.13.2 of the Canadian B-149.1-86 installation codes.

If you have any questions or require further details, please direct inquiries to SaskPower Gas Inspection Division

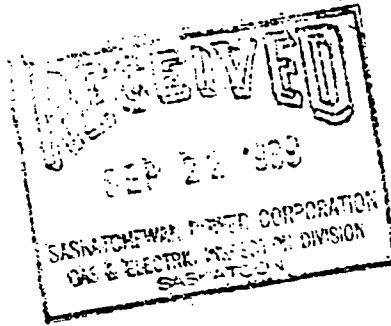
Ken Jones

Ken Jones
Superintendent Technical Services (Gas)

1989 September 08

SaskPower

Gas and Electrical
Inspection Division
2025 Victoria Avenue
Regina, Saskatchewan
S4P 0S1
(306) 787-4515



BULLETIN

To: Gas Contractors and Gas Inspectors

Subject: VENTING REQUIREMENTS

It has come to our attention an increasing number of cases where only one appliance is being vented into an existing chimney (ie) a domestic water heater with a 3" or 4" vent pipe venting into an existing chimney, which was used for both the furnace and the water heater.

I draw your attention to the Gas Installation Codes of Practice - July 1, 1987 Section 5 Subsection 3:

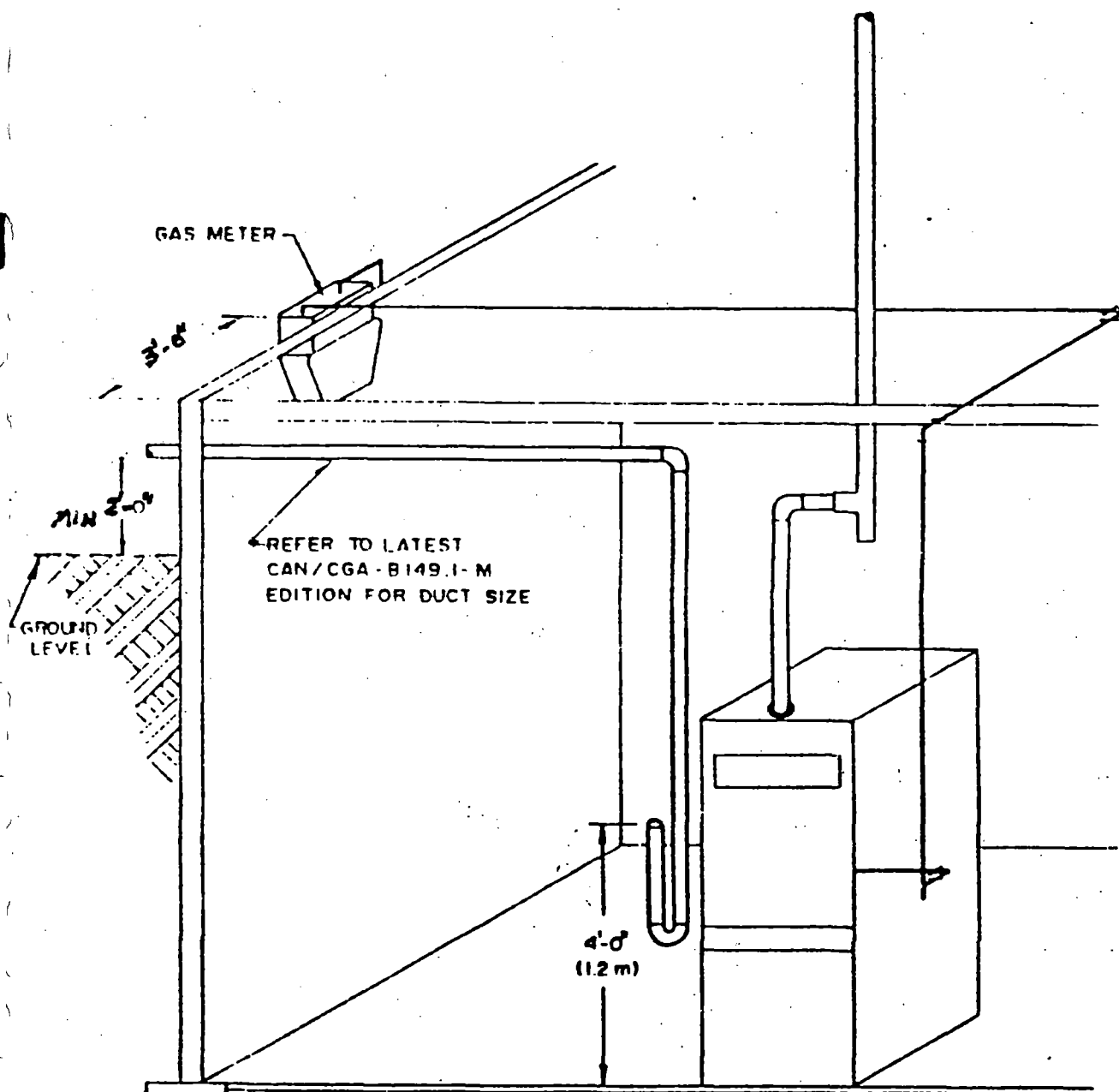
"The minimum size vent, chimney, or metal liner used to vent a single appliance with an input not exceeding 50,000 BTUH (15 KW) equipped with a draft hood shall not be less than 4" (100 mm) nor greater than 5" (125 mm) unless approved for a larger diameter".

I remind you of your obligation as a gas contractor, keeping in mind the well being of the homeowner, insuring a safe installation based on sound engineering practices.

Thank you for your full cooperation in the interest of public safety.

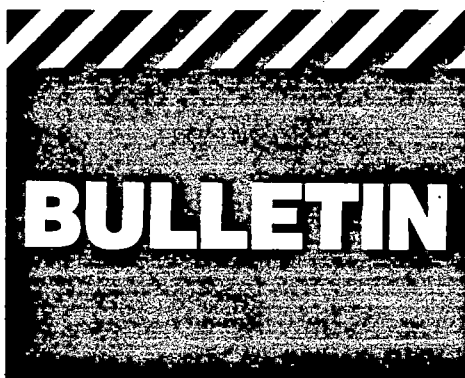
Ken Jones
Superintendent Technical Services (Gas)

1989 September 08



SaskPower Gas & Electric Inspection Division

ACCEPTABLE METHOD OF INSTALLING COMBUSTION AIR SUPPLY
TO GAS FIRED APPLIANCES. (UNDER 400,000 BTU) (120 kW)



How To Use Your Gas Appliances Safely

ANNUAL FURNACE TUNE UP

With cooler weather, people will fire up their furnaces. SaskPower Gas Inspection Division recommends gas appliances be serviced and maintained regularly only by qualified and licensed gas contractors. Check your "Yellow Pages" for contractor listings.

CARBON MONOXIDE POISONING

Carbon monoxide is a poisonous, odorless, colorless gas. It cannot be detected by sense of smell and is hazardous to your health. Carbon monoxide can be formed by faulty combustion in gas appliances.

KNOW THE SYMPTOMS

1. Headachy feeling.
2. Loss of muscular control.
3. Weariness, weakness, dizziness, vomiting.
4. Tightness across the forehead and in the temples.
5. Watery and smarting of the eyes.

ACTION

If any of these symptoms develop, immediately get into the fresh air. Call your gas company. Report your condition.

CARBON MONOXIDE PREVENTION

1. Always have a licensed gas contractor install, service and maintain gas appliances to all safety regulations.
2. Give gas appliances plenty of air! Blocking combustion air ducts could be hazardous to your health.
3. Evidence of carbon, soot and excessive rusting on the appliance burner, around the vent and on top of the water heater must be reported to your gas contractor, the local gas inspector or the gas company.
4. Make certain the fan compartment door is properly closed and secured at all times. Do not remove it, except for servicing.
5. Clean furnace filters monthly during the heating season or more frequently if required.

DID YOU KNOW?

1. Both propane and natural gas appliances require same careful attention for safe operation.
2. All gas appliances except ranges, must be vented to the outdoors.
3. Vent pipes between gas appliances and the chimney may corrode or rust. Check them periodically.
4. Never store spray cans, paint strippers, gas lawn mowers, gasoline or any combustible products near gas. They could cause an explosion or fire.
5. Always follow the "safe light-up" procedure when lighting propane or natural gas appliances. Directions are normally found inside the removeable maintenance covers.

YOU CAN DO THE FOLLOWING MAINTENANCE

1. Power must be switched off prior to doing any inspection or maintenance work.
2. Replace/clean air filters.
3. Check condition of fan belts.
4. Oil fan motor.
5. Vacuum lint/dust from the burner area.
6. Keep flammable substances/combustible material away from appliances.
7. Ensure fan door is in place after servicing filter and motor. Never leave it open.

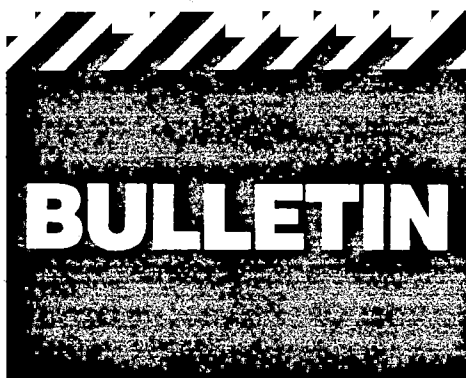
If you have any doubts about the installation, or operation of your gas appliances call your local contractor or a SaskPower Gas Inspection office to arrange for an inspection. SaskPower Gas Inspection Division telephone numbers are listed in the blue pages of your telephone book.

SaskPower

GAS & ELECTRICAL INSPECTION DIVISION

"Your Safety Is Our Concern."





Safety Warning Check Your Chimney Regularly

Chimney Safety

Whether your chimney is built of brick, tile, blocks or is a factory built metal chimney or vent, we recommend that you should have it checked twice a year for signs of chimney deterioration. Blockage of the chimney can prevent furnace exhaust gases from leaving your home. A build up of these gases, particularly carbon monoxide, can be deadly.

How to Inspect Your Chimney

1. To examine the inside of a factory built Class "A" and "B" metal chimney, remove the inspection cap at the base tee and look up the chimney to ensure there is a clear unobstructed passageway to the atmosphere.
2. If your chimney is tile, aluminum, or steel lined, you can look up the chimney by holding a hand mirror in the clean out opening.
3. If little or no daylight is evident in the chimney passageway, have your chimney checked by a qualified contractor as soon as possible.
4. After examination, close and secure the chimney clean out door, replace and secure the base cap on a metal chimney.
5. The vent and chimney should be warm when the furnace is running. A vent that feels cold to the touch may be drawing in cold air. This could indicate that dangerous gases are not being exhausted to the outside. If you are in any doubt, have your qualified contractor check it out immediately.

Did You Know?

A hazardous condition has been found on numerous factory built Class "A" type metal chimneys. The inner flue collapses inwardly, blocking or severely restricting the flow of exhaust gases. Frequent inspection is recommended.

- * - A Class "A" chimney is a factory built section insulated chimney constructed from stainless steel.
- A Type "B" chimney is for Gas Appliances only, is constructed from aluminum.

If you are not sure about your chimney or vent type, please call your nearest Inspection Office.

Emergency Action

If you find blockage, turn off all appliances that are vented to the chimney. Call a licensed gas contractor immediately.

You Can't Be Too Careful

Where natural gas or propane appliances are involved, and adequate air supply, a safe chimney/vent and proper maintenance by a licenced gas contractor can prevent carbon monoxide poisoning, fires and explosions.

Inspector Assistance

When the safety of an installation or a gas appliance is in doubt, call your local gas contractor or a SaskPower Gas Inspection Office to arrange an inspection. SaskPower Gas Inspection Division telephone numbers are listed in the blue pages of your telephone directory.

SaskPower

GAS & ELECTRICAL INSPECTION DIVISION

"Your Safety Is Our Concern."



Caution

Combustion Air Duct

- Must be open at all times to supply combustion air to appliances.
- All Gas Appliances require an adequate supply of fresh air for proper operation.

**Blocking Combustion Air Ducts Could Be Hazardous
To Your Health and Well Being.**

Canadian Gas Code/CGa-B149. 1-M86 5.2

WARNING

**This compartment must be closed
except when servicing**

SaskPower

"Your Safety Is Our Concern."

