

ATTENTION MEMBERS

ASHRAE, CHAPTER MONTHLY MEETING OCTOBER 20, 1992

CONSUMERS GAS

is pleased to invite **ASHRAE MEMBERS** to participate in **OCTOBER'S CHAPTER MONTHLY MEETING** which will be held in our facilities at 400 Coventry Road.

The **CHAPTER DINNER** is first on the agenda followed by what we feel will be a very **INFORMATIVE EVENING FOR EVERYONE**.

This will include a variety of **TOPICS** and **OPERATING DEMONSTRATIONS** including **PLASTIC PIPELINE FUSION, COMBINATION BUILDING HEATING/WATER SYSTEMS, a TOUR OF OUR NEW YAZAKI ABSORPTION CHILLER, VEHICLE REFUELING APPLIANCE, MEASUREMENT and REGULATION EQUIPMENT** along with several **MANUFACTURES' PRODUCT DISPLAYS**.

A high response is expected for this evening and **EARLY REGISTRATION IS RECOMMENDED AS SPACE IS LIMITED**. Please call Margaret Csontos at 748-6790.

 **Consumers Gas**

ASHRAE CHAPTER MONTHLY DINNER MEETING
OCTOBER 20, 1992
AT: Consumers Gas - 400 Coventry Road

AGENDA

- | | |
|-------------|-------------------------------------|
| 4:30 - 5:30 | Arrival/Reception |
| 5:30 - 6:15 | Opening Presentation Dinner |
| 6:15 - 6:30 | ASHRAE Business Meeting |
| 6:30 - 6:45 | Opening Remarks
(J. Nubel) |
| 6:45 - 9:00 | Group Tour
(See attached) |
| 9:00 | Question Period/
Closing Remarks |

A S H R A E
October 20, 1992

Group Tour

<u>Station Number</u>	<u>Subject</u>	<u>Location Start</u>	<u>Participants</u>
1.	Fusion	Welding Room	R. Fox
2.	Regulation & Measurement Station	R & M Room	G. Decklemann
3.	NGV/VRA	Garage	T. Morgan
4.	Servel, Mor-Flo, Bradford White, A.O. Smith	Training Room (1st Floor)	B. Watkin
5.	Vertical Sub- division Display	Service Muster Room	P. Malo
6.	Distribution System	Engineering Dept.	G. Beaumont
7.	Merchandise (Fireplace)	Retail Showroom	T. Hughes
8.	Absorption Chiller	2nd Floor	J. Jayaraman
9.	Product Display - Lochinvar, Raypak Magic Pak	Training Room (3rd Floor)	Manufacturers'
10.	Product Display - Polaris, State Ind, JetGlass	Sales Conference Room	Manufacturers'

Manufacturers

<u>Company</u>	<u>Representative</u>	<u>Product</u>
1) Grant Brothers	Larry Flindall	State Ind. Water Heaters
2) Revac	Gene Lapensee	Magic Pak
3) Barnabe & Assoc.	Ned Barnabe	Raypak
4) A.O. Smith Ltd.	Bruce Watkins	A.O. Smith Water Heaters
5) Ruscio Brothers Refractory Ltd.	Dominic Ruscio	Boilers
6) B.E. Chandler Co. Ltd.	Stephen Cambria	Polaris
7) Westmech Techical Sales Inc.	S.E. Olson	JetGlass Water Heaters
8) Breckmar Sales Ltd.	Thomas Chykowski	Servel A/C

MANUFACTURERS' CONTACT LIST

REVAC
2405 St. Laurent Blvd. Unit Q
Ottawa, Ontario
K1G 5B4
REPRESENTING: Armstrong

Mr. Gene Lapensee
(613) 739-3340

WESTMECH TECHNICAL SALES INC.
6 Eva Road #603
Etobicoke, Ontario
M9C 2A8
REPRESENTING: Bradford White

Mr. S.E. Olson
(416) 620-8001

GRANT BROTHERS SALES
790 Arrow Road
Weston, Ontario
M9M 2Y5
REPRESENTING: State Industries

Mr. Larry Flindall
(416) 743-7240

BARNABE & ASSOCIATES
968 Gold Crescent
Ottawa, Ontario
K2B 8L5
REPRESENTING: RayPak

Mr. Ned Barnabe
(613) 829-0272

A.O. SMITH LTD.
1020 Matheson Blvd. East
Mississauga, Ontario
L4W 4J9
REPRESENTING: A.O. Smith

Mr. Bruce Watkin
(416) 629-2228

RUSCIO BROTHERS REFRACTORY LTD.
1300 Midway Avenue
Mississauga, Ontario
L5T 2G8
REPRESENTING: Lochinvar

Mr. Domenic Ruscio
(416) 670-5888

B.E. CHANDLER CO. LTD.
1105 Crestlawn Drive, Unit 4D
Mississauga, Ontario
L4W 1A2
REPRESENTING: MorFlo Industries

Mr. Stephen Cambria
(416) 629-7505

BRECKMAR SALES LTD.
1550 Laperriere Avenue
Ottawa, Ontario
K1Z 7T2
REPRESENTING: Servel

Mr. Thomas Chykowski
(613) 728-0060



ASHRAE

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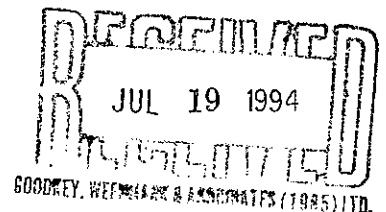
L.C. Nguyen Thi

OTTAWA VALLEY CHAPTER

MEMBERSHIP RENEWAL FORM MISSED ON LAST MAILING.

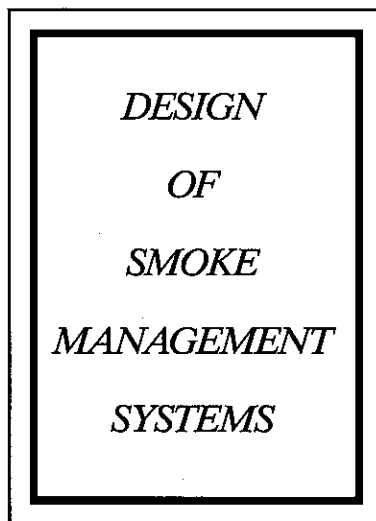
REMEMBER, SIGN UP BEFORE SEPTEMBER 1, 1994 AND YOU WILL RECEIVE A \$5 DISCOUNT ON YOUR MEMBERSHIP RENEWAL AND REGISTRATION. SEE THE ATTACHED FORM.

CHAPTER MAY NOT ACT FOR SOCIETY



Design of Smoke Management Systems

by
J. Klote and J. Milke



New Information—New Concepts—New Techniques

It has been nine years since *Design of Smoke Control Systems for Buildings* was published. Since then, millions of dollars in additional research has been conducted and reported and model code groups have adopted sweeping changes in their documents.

As a response to the need for updated information, this present volume expands the scope of coverage and provides practical state-of-the-art design information for smoke management system designers.

Design of Smoke Management Systems systematically presents data and calculational procedures, and provides—for the first time in one volume—material on toxicity, visibility, and tenability. Other topics include:

- the fundamentals of plume dynamics,
- the fundamentals of airflow influences,
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- smoke control for large enclosed volumes such as stadiums, arenas, malls, and atria
- elevator protection
- the elements of refuge areas.

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