



Airways

Hamilton Chapter No. 037

<http://www.vaxxine.com/ashrae/>

American Society of Heating, Refrigeration and Air Conditioning Engineers

Volume 45, No.10

Our 45th Year

June 2004

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Wednesday June 9, 2004

ASHRAE Hamilton Chapter Golf Tournament

Let's Play Golf!!!



Whirlpool Golf Club
Niagara Falls, ON

Tee-times starting at 12:10 P.M.

**Followed by a buffet supper, prizes and
The World Famous Reverse Draw**



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Presidents Final Report

I would like to thank all the committee members for their great support during the past two years and welcome Bill McCartney as the new Incoming President. We encourage all of you to participate in any way that enables you to share your talents and thoughts. You do not need to participate every meeting. The Hamilton Chapter had a great year beginning with tours of the Niagara Falls View Casino to the Federal Building. We had two distinguished lecturers travel to our Chapter and discuss Leeds, Green Building and Filtration needs as designated by Home Land Security. Many other guests have shared their knowledge and expertise. I look forward to our Golf Tournament in June and continued involvement with the ASHRAE Chapter.

Ralph Kosir, President 03/04

ASHRAE Hamilton Chapter Golf Tournament Wednesday, June 9, 2004

As of May 27th, I have **70 golfers confirmed**. We can handle 80 so, if you're still thinking about entering a group, please advise me ASAP at (905) 575-5542.

This year we have a record **11 hole sponsors**. A sign at the tee-box will recognize the Sponsors and each will be announced after the Tournament. Thanks in advance to all Sponsors in helping to make our event a success.

We are giving away vests this year. Unfortunately they will not be all the same colour. We have Forest Green, Putty, Bronze and Charcoal available. Or, if you are new to our tournament, I still have Spring Jackets in XL available. Because of the limited number of each colour available . . . those who got their entry form in quickly will choose first. The vests/jackets will be distributed during Supper prior to our **World Famous Reverse Draw**.

On Monday, June 7th, the designated contact (on the entry form) will be faxed the tee-time for his group. **I will not have tee-times prior to this date**. Once you receive your tee-time, please inform the other members of your group. Remember that we will be teeing off both #1 and #10 Hole. The starter will be there to direct you.

We did a great job last year of getting there **40 minutes prior to your tee-time**. The same applies this year!!

You will receive a Free Lunch ticket when you check in. Because of the added cost of the vests this year (compared to the jackets last year), your lunch will not include a beer. Your ticket will be good for a pop and chips or chocolate bar along with your Hamburger or Hot Dog.

This space Could Be Yours!

**Business Card Ad
\$75 For one year**

If you are interested, contact Brian Beninger
brian@beninger.ca

This space Could Be Yours!

**Double Size Ad
Business or Product Advertising**

**\$150 For one year
(includes \$15 Setup Change)**

**Changes can be made any time for an
additional \$15 setup charge**

If you are interested, contact Brian Beninger
brian@beninger.ca

Prizes are always welcome. I require these for the Par 3's and other hidden draws. Please let me know ahead of time if you are able to supply.

Also, on **ALL PAR 3's**, there will be a clipboard next to the green. **If you hit and stay on the green**, put your name on the clipboard. From the total for that hole, a name will be draw to determine who wins a prize for that hole. And don't forget to watch for George Menzies (back from Florida and suntanned) who will do our "**Hit the Green for ASHRAE Hole**". Again I have him parked under a tree on #15. Hit the Green and Win \$5...Miss, and your \$5 goes to a great cause...ASHRAE Research Canada.

Finally, I can't predict the weather. May has been rainy as you all know. On the plus side, my winning record was extended last year to 11 sunny days to 1 rainy. **The tournament goes – rain or shine – so dress accordingly.**

David Rasmussen, Social Chair 03/04

Message from the Editor

Effective with the September issue, **Airways** will no longer be distributed as an e-mail attachment to individual members. Instead, **Airways** will be posted on the Hamilton ASHRAE Chapter web page at www.vaxxine.com/ashrae/ where it can be viewed and/or printed as it is now. Each issue of **Airways** will be "archived" and thus be available from the web page in case you want to review an old issue.

An e-mail will still be sent to each member to let them know that **Airways** is available for viewing on the web page.

Allan Antcliffe, Airways Editor 04/05

Whirlpool Golf Club Course Rules

Golf carts are mandatory.

Soft spikes only.

No blue jeans or tank tops.

Shirts **must** have a collar.

Shorts **must** be dress shorts.

Ontario law does not allow players to bring their own alcohol. Coolers will be confiscated.

Beverage service will be available on the course.

After you finish 9 holes, feel free to use the Snack Bar (you will be issued a ticket for lunch). Spend 10 minutes eating – then start your next 9. Please don't wander over to clubhouse.

Remember...the Ranger is only doing his job! He wants the best for our group – which is an enjoyable day in the least amount of time.

If he says you're slow, bite your tongue and try to speed up.

RECOMMENDED CONDITIONS FOR VARIOUS INDUSTRIES

Industry	°F	°C	%RH
Abrasives Manufacturing	78	25	50
Bowling Alleys	74	23	50
Billiard Rooms	74	23	45
Bread			
Flour & Powdered Product Storage	75	24	60
Fermentation (Dough)	80	27	75
Retarding of Doughs	36	2	85
Final Proof	108	42	88
Counterflow Cooling	75	24	83
Brewing			
Hop Storage	31	-1	55
Yeast Culture Room	-	-	80
Candy			
Chocolate Pan Supply Air	59	15	50
Enrober Room	83	28	28
Chocolate Cooling Tunnel Supply Air	43	6	78
Hand Dippers	62	17	45
Moulded Goods Cooling	43	6	78
Chocolate Packing Room & Finished Stock Storage	65	18	50
Centers Tempering Room	78	26	33
Marshmallow Setting Room	77	25	43

Industry	°F	°C	%RH
Gum (deposited in Starch) Drying	137	59	20
Sanded Gum Drying	100	38	33
Gum Finished Stock Storage	57	14	65
Sugar Pan Supply Air	95	35	25
Polishing Pan Supply Air	75	24	45
Pan Rooms	78	25	33
Nonpareil Pan Supply Air	110	43	20
Hard Candy Cooling Tunnel Supply Air	65	19	47
Hard Candy Packing	73	23	37
Hard Candy Storage	60	16	40
Caramel Rooms	75	24	40
Raw Material Storage			
Nuts (insect)	45	7	70
Nuts (rancidity)	36	7	70
Eggs	30	-1	87
Chocolate (flats)	65	18	50
Butter	20	-7	-
Dates & Figs	43	6	70
Corn Syrup	95	35	-
Liquid Sugar	78	25	35
Comfort Air Conditions	78	26	55
Ceramics			

CORROSION AND ODOR CONTROL

ISA Standard 571.04 Classifications:

G1 -Mild An environment sufficiently well-controlled such that corrosion is not a factor in determining equipment reliability:

G2- Moderate An environment in which the effects of corrosion are measurable and may be a factor in determining equipment reliability:

G3 -Harsh An environment in which there is a high probability that corrosive attack will occur. These harsh levels should prompt further evaluation resulting in environmental controls or specially designed and packaged equipment.

GX- Severe An environment in which only specially designed and packaged equipment would be expected to survive.

Submitted by Ralph Kosir, President 03/04

2003 - 2004 Meeting Schedule

This year's meeting schedule is summarized below. Except for some special events, all meetings will be held at the **Royal Hamilton Yacht Club, North end of McNab St. on Hamilton Harbour - If you need a map, check out our web site at <http://www.vaxxine.com/ashrae/>**. During the 5:00 PM to 6:00 PM Social Hour, a half hour "technical session" on the basics of a particular subject relating to our industry is presented. If a session sounds interesting to you, feel free to attend. Presentations are made by our members and this forum is open to all who wish to share his or her expertise. New products and/or services are presented informally via a "table top demonstration". After dinner, the main topic of the evening is presented by a "feature speaker". If you are interested in presenting a technical session, booking the table top space to promote your product or service or, if you have a suggestion for a feature subject and/or speaker, please contact Chris McClelland, our Programs Chair. There is a charge of \$ 75.00 for "Table Top" demonstration space and this includes a business card ad for two months.

2003 – 2004 ASHRAE HAMILTON CHAPTER PROGRAM ACTIVITY				
Month/Date	Theme	Tech Session 5:00 – 6:00 p.m.	Table Top Presentation	Guest Speaker/Main Topic
June 9, 2004	Research	Annual Golf Tournament @ Whirlpool		
September 14, 2004	Programs	Under Floor Air Distribution	York	Gas Fired Refrigeration

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ASHRAE Hamilton Chapter
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ASHRAE HAMILTON CHAPTER

GOLF TOURNAMENT REGISTRATION

DATE: WEDNESDAY JUNE 9, 2004
LOCATION: WHIRLPOOL NIAGARA FALLS, ONTARIO
COST: \$150.00 PER PERSON
INCLUDES: 18 HOLES ON ONE THE BEST COURSES IN NIAGARA
ONE POWER CART PER TWO GOLFERS
LUNCH AFTER YOU FINISH 9 HOLES
BUFFET SUPPER

**PLEASE COMPLETE THE FOLLOWING AND FAX OR E-MAIL.
WE ARE RESTRICTED TO THE FIRST 88 GOLFERS**

___PLAYER 1. _____ ___PLAYER 2. _____

___PLAYER 3. _____ ___PLAYER 4. _____

PLEASE INDICATE BEFORE EACH PLAYER THE SIZE OF VEST
THEY WEAR.....AS THIS WILL BE THE PRIZE GIVEN OUT.
ie: S M L XL XXL

PREFERRED TEE OFF TIME (Starting at 12:10 pm) _____

Designated Contact: _____

Phone: _____ Fax: _____

PLEASE SEND YOUR CHEQUE IN ADVANCE TO:

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Make cheques payable to:
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