

AIHA-UMS September Meeting

Date: Thursday, September 18, 2008

Time: Registration @ 11:30am Lunch @ noon Presentation @ 12:30pm

Location: Grumpy's Bar & Grill in Roseville, MN (2801 Snelling Ave North 55113)

Lunch Menu (select one):

Grumpy's Chop Salad – fresh lettuce topped with roasted chicken, peppered bacon, mozzarella, diced tomatoes and crisp, fried wontons

Manicotti – fresh pasta tubes filled with ricotta, mozzarella and parmesan cheeses baked in marinara sauce and finished with melted mozzarella

Hawaiian Chicken Sandwich – char broiled breast of chicken is marinated and comes with mozzarella cheese and grilled pineapple

Cost: All meals are \$15 (\$10 for retirees, students and members between jobs). Fees collected at the door.

Registration: Please email your name and entrée selection to Jason Whittymore @ Jason.Whittymore@Target.com by **Friday, September 11, 2008**. Walk-ins are welcome, but we prefer advance registration.

Topic/Presenter:

ENERGY USE IN INDUSTRIAL VENTILATION SYSTEMS
Presented by Gerhard Knutson, Ph.D., CIH
KNUTSON VENTILATION, INC.

Abstract

In many industrial environments, the most significant material handling systems are the local exhaust ventilation systems. Because of large volumetric flow with a system requiring high static pressure, the energy demands are high. Moreover, well-designed systems require adequate replacement air. Proper energy management can produce significant energy savings.

This talk will address the operating costs of industrial ventilation systems, and several approaches to reduce energy costs without compromising the worker health or environmental releases.

Author

Gerhard Knutson is President of Knutson Ventilation. He has over thirty-five years of experience as a consultant in evaluating and designing industrial ventilation and air pollution control systems. He serves on several technical committees for ASHRAE (Industrial Ventilation, Air Pollution Control, and Laboratory Systems), AIHA (ANSI-Z9) and the Industrial Ventilation Committee of ACGIH. He is also an adjunct professor at the University of Minnesota.