

SESSIONS

MONDAY, SEPTEMBER 15

TRACK II: IBM—MANUFACTURING IN THE 21ST CENTURY

Matt Austin, CIH, IBM Corporation, Hopewell Junction, NY

What does it take to design and operate a modern plant in tough economic times? Semiconductor fabrication plants require multibillion dollar investments in facilities, infrastructure, and manufacturing equipment. Effective management of costs while assuring the business value with a safe work environment requires tight collaboration with line management, device manufacturers, and equipment suppliers. This discussion details one model for setting and meeting health and safety standards that leverage business operational requirements during the planning, construction, and 2002 fit-up of an IBM \$2.5 billion factory.

2:45 p.m.—3:30 p.m.

Concurrent Session 2

TRACK I: INTEGRATION OF ESH INTO A CORPORATE VALUE-BASED SIX SIGMA PROGRAM

Alan Leibowitz, CIH, CSP, ITT Industries, McLean, VA

This session will explain how value-based management may be integrated with six sigma principles to ensure value added outcomes. Practical application of this approach will be demonstrated through several real world ESH examples and discussion of useful management approaches. Key concepts of six sigma will be outlined along with their application to ESH.

TRACK II: ASBESTOS, ANTHRAX AND ACCURACY ANGST: THE TECHNICAL SIDE OF RECENT SAMPLING CONTROVERSIES

Kevin Motley, MPH, CIH, OSHA, Salt Lake City Technical Center, Salt Lake City, UT

During the past two years, headline news has been made regarding the use of several different methods of exposure monitoring for compounds of interest such as asbestos, anthrax, and lead. This talk will highlight a couple of these examples and point out how the scientific community's disagreement on semantics and goals can cause public confusion and consternation.

3:45 p.m.—4:30 p.m.

Concurrent Session 3

TRACK I: SETTING EMPLOYEE EXPOSURE LIMITS FOR ACTIVE PHARMACEUTICAL AGENTS

Larry Hecker, CIH, PhD, Abbott Labs, Abbott Park, IL

Methods for setting internal employee exposure limits for active pharmaceuticals in the pharmaceutical industry will be discussed. The presentation will include algorithms used, procedures used for revision of existing internal limits, and a comparison of limits established for the same agents by multiple companies.

TRACK II: THE ISSUES OF WORK RELATED STRESS ON OCCUPATIONAL HEALTH

Joseph J. Hurrell, Jr., PhD, NIOSH, Cincinnati, OH

Occupational stress is an increasingly recognized occupational health problem. Considerable research evidence links job stress to a variety of health problems including, cardiovascular disease, musculoskeletal disorders, psychological disorders, workplace injury, and suicide. This presentation will discuss the nature, causes and consequences of job stress and various approaches that can be used to prevent it.

4:45 p.m.—5:30 p.m.

Concurrent Session 4

TRACK I: BEHAVIOR-BASED SAFETY IN THE WORKPLACE

James Thornton, CIH, CSP, Newport News Ship Building, Newport News, VA

This session will focus on the significant reduction of illnesses and injuries in a large heavy manufacturing complex through implementation of a comprehensive health and safety program. The behavior-based aspects of the program will be highlighted.

TRACK II: HISTOPLASMA CAPSULATUM: HOW TO FIND IT! HOW TO PROTECT WORKERS AT RISK

Millie P. Schaefer, MS, PhD, CDC/NIOSH, Cincinnati, OH

Histoplasmosis produces flu like symptoms and can result in chronic lung disease or blindness and, in some cases, death. The pathogenic fungus that causes histoplasmosis, *Histoplasma capsulatum*, is generally found in soil or soil mixed with bird or bat droppings. Workers at risk of exposure include construction and demolition workers, bridge inspectors and painters, farmers, gardeners, chimney cleaners, HVAC installers, roofers, and pest control workers. The lack of a rapid, inexpensive analytical method has hampered the ability to identify the fungus in environmental samples and has consequently limited the ability to prevent or reduce occupational risk in a timely way. Such a method has been developed and patented by NIOSH. Guidelines have also been published on how to prevent or mitigate exposure. Documented outbreaks of histoplasmosis and protective measures to prevent such outbreaks will be discussed.

5:30 p.m.—7:30 p.m.

Welcome Reception

Exposition

MONDAY, SEPTEMBER 15

8:00 a.m.—1:00 p.m. and
5:30 p.m.—7:30 p.m.

TUESDAY, SEPTEMBER 16

8:00 a.m.—Noon

Take advantage of the opportunity to view the latest products and services and to meet with industry representatives. A welcome reception on Monday evening, refreshment breaks, and prize drawings will make the exposition a highlight of the conference.

18th Annual

Professional Conference on Industrial Hygiene

2003

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