

1:10 Challenges in Applying Corporate EHS Standards to Expanding Global Operations

Klafter, Bruce

Applied Materials

As companies are pushing their operations out into so-called "low-cost regions", a variety of issues will arise regarding facility siting and design, occupational safety standards, environmental stewardship and in the context of supply chain management. There is sometimes tension between corporate standards, generally established for sound risk management purposes, and the business objectives of locating in these regions. Inflexible compliance to corporate standards or best known methods may undermine the cost advantages that underlie the siting decision. There are also practical difficulties or obstacles to conformance in certain areas where materials, skilled labor or expertise may be unavailable.

1:30 Safety Leadership and ANSI-Z10

Dotson, Kyle

Calpine Corporation

After almost a decade in the making, the new ANSI/AIHA Z10 (2005) standard for Occupational Health and Safety Management Systems presents corporations and other organizations with a best practice model for effective workplace safety management. Consistent with the Plan-Do-Check-Act aspects of pre-existing ISO models for Quality and Environmental, the Z10 model takes safety well beyond traditional professional safety staff activities and involves senior and other operations managers as safety leaders and gains the participation of all employees. If implemented thoughtfully with an eye toward having an effective process and not just certification, such a management system will allow organizations to continuously improve safety by continuously reducing risk.

1:50 Sustainable Manufacturing: High Productivity with Low Impact

Content, Reed

AMD

AMD is focused on reducing environmental impact throughout the product life-cycle. This presentation will profile AMD initiatives to increase energy efficiency in manufacturing operations, and in product performance, while reducing the overall environmental impact of its operations.

2:15 The Role of Trade Associations in Addressing Global Chemical Management Issues

Fraust, Charles

Semiconductor Industry Association

Chemical management has become the linchpin of all environmental programs. While initially put in place to deal with onsite control and use of the many chemicals that a company such as a semiconductor manufacturer must utilize in its manufacture, chemical management programs quickly found broad application in addressing widespread promulgation of regulations to control the release of chemicals into commerce and the environment. Initially, the focus was on domestic issues such as air pollution, water pollution and drinking water contamination. However, in current times, the issues and the concerns raised about chemical usage have become global in nature. Furthermore, nowadays, to address issues of global chemical management one has to consider not only the control of chemical usage but also the geo-political and socio-economic implications of proposed regulations. This presentation will try to demonstrate the role that trade associations such as SIA can play in representing the global semiconductor industry in addressing global chemical management issues.

2:30 Soda Break in Exhibit Hall

3:00 SEMI EHS Leadership Topic

Bordeaux, Aimee

SEMI

Abstract not available at time of printing.

3:20 Moderated Panel Discussion

3:45 Audience Questions & Answers

4:30 Soda Break in Exhibit Hall