

**NIST Standards in Trade Workshop for China on
Fire Protection for the Built Environment
20 – 24 September 2004**

**National Institute of Standards and Technology
Gaithersburg, Maryland**

Sunday, 19 September Holiday Inn Hotel, Gaithersburg, Maryland

4:00-6:00 PM Workshop Orientation – Goshen Room, Holiday Inn

- Schedule Review
- NIST Overview

Refreshments provided by Underwriters Laboratories Inc.

Monday, 20 September NIST, Administration Building 101, Lecture Room B

8:00 AM NIST Bus Departs Hotel for NIST

8:15 AM Administration

OPENING SESSION

8:30 – 9:00 AM Welcome Remarks and Introductions
Carmaña Londoño, Ph.D., Group Leader
Global Standards and Information Group, NIST

Mary H. Saunders, Chief
Standards Services Division, NIST

PRC Representative – Head of Delegation

9:00 – 9:30 AM [Keynote Address](#)
Charles Dickinson, Deputy Administrator, U.S. Fire Administration
Federal Emergency Management Agency (FEMA)

9:30 – 10:00 AM [Trends in China's Built Environment: Implications for Regulatory System](#)
PRC Representative

10:00 – 10:30 AM BREAK – provided by Intertek – ETL Semko

- 10:30 – 11:00 AM [Workshop Overview and Expectations](#)
Ajit Jillavenkatesa, Ph.D., Standards Specialist
Global Standards and Information Group (GSIG), NIST
- Ann Weeks, Director, Government, Industry & International Affairs
Underwriters Laboratories Inc.
- PRC Representative – Head of Delegation
Madam DU Lanping, Vice Chief Engineer
Fire Department of Ministry of Public Security
- 11:00 – 11:30 AM [Overview of the Fire Continuum](#)
J. Thomas Chapin, Ph.D., General Manager, Fire & Construction
Strategic Business Unit
Underwriters Laboratories Inc.
- 11:30 – 11:45 AM Administration
- 11:45 – 1:00 PM LUNCH – NIST Cafeteria
Group Photo
- 1:00 – 1:30 PM [Site Visit Overview](#)
Shahriar Amiri, C.B.O.
Montgomery County Department of Permitting Services
- 1:30 PM Bus Departs for Bethesda, Maryland
- 2:00 – 3:00 PM [Site Visit – Built Environment](#)
Strathmore Hall
10701 Rockville Pike
North Bethesda, Maryland
- 3:00 – 3:30 PM Bus Departs for College Park, Maryland
- 3:30 – 5:00 PM [Site Visit – Training Facility](#)
Maryland Fire and Rescue Institute (MFRI)
4500 Paint Branch Parkway
College Park, Maryland
Telephone: 301-226-9960
- 5:00 PM Bus Departs for Hotel

Tuesday, 21 September **NIST, Administration Building 101, Lecture Room B**

8:00 AM NIST Bus Departs Hotel for NIST

8:30 AM Administration and Summary of Previous Day

CONFORMITY ASSESSMENT

8:40 – 9:15 AM [How Conformity Assessment Supports Codes/Regulations in the U.S.](#)
Al Ramirez, Manager, Regulatory Services
Underwriters Laboratories Inc.

9:15 – 9:50 AM [Testing and Product Certification in the U.S.](#)
Rick Curkeet, P.E., Chief Engineer - Building Products
Intertek - ETL Semko

9:50 – 10:30 AM [Accreditation of Testing Laboratories and Certification Organizations](#)
Warren Merkel, Group Leader
National Voluntary Laboratory Accreditation Program (NVLAP)

[Raj Nathan, Manager, Accreditation](#)
International Accreditation Service (IAS)
[Part 2 of Presentation](#)

10:30 – 11:00 AM BREAK - provided by Intertek – ETL Semko

11:00 AM–12:00 [Conformity Assessment in China](#)
Madam DU Lanping, Vice Chief Engineer
Fire Department of Ministry of Public Security

12:00 – 1:00 PM LUNCH – NIST Cafeteria

1:00 – 1:30 PM [Performance-Based Design: A Bridge between the U.S. and China](#)
Martin Reiss, President
Rolf Jensen & Associates, Inc. (RJA)

1:30 – 2:15 PM [Discussion with all Presenters](#)
Moderator: James L. Cigler, Manager, Conformity Assessment Programs
National Electrical Manufacturers Association (NEMA)

2:15 – 2:45 PM BREAK - provided by Intertek – ETL Semko

2:45 – 3:30 PM [The Role of NIST and the Building and Fire Research Laboratory](#)
Sivaraj Shyam-Sunder, PhD., Acting Deputy Director
Building and Fire Research Laboratory, NIST

3:30 – 5:00 PM	<u>Site Visit - Building and Fire Research Laboratory (BFRL), NIST</u> Large Scale Fire Testing Facility - Building 205 Laboratory Tours – Building 224
5:00 PM	Bus Departs for Summit Station Restaurant, Gaithersburg
5:30 PM	RECEPTION and DINNER Hosted by Underwriters Laboratories Inc.
8:30 PM	Bus Departs for Hotel

Wednesday, 22 September **NIST, Administration Building 101, Lecture Room B**

8:00 AM NIST Bus Departs Hotel for NIST

8:30 AM Administration and Summary of Previous Day

CODES

8:45 – 9:15 AM [The Consensus Process in the Development of Codes](#)
Casey Grant, P.E., Assistant Vice President of Code & Standards Administration and
Assistant Chief Engineer
National Fire Protection Association (NFPA)

9:15 – 9:45 AM [Model Codes and Local Adaptation](#)
Richard Kuchnicki, Federal Program Manager
International Code Council (ICC)

9:45 – 10:00 AM [Questions and Answers](#)

10:00-10:30 AM BREAK - provided by Intertek – ETL Semko

10:30 –11:30 AM [Codes in China](#)
QIAN Jianmin, Director/Professor
Sichuan Fire Research Institute of Public Security Ministry

11:30 AM–12:30 PM LUNCH – NIST Cafeteria

12:30 – 1:00 PM [Cable Fire performance in Buildings](#)
J. Thomas Chapin, Ph.D., General Manager, Fire & Construction
Strategic Business Unit
Underwriters Laboratories Inc.

1:00 – 1:45 PM [Discussion with all Presenters](#)
Moderator: Richard W. Bukowski, Ph.D., BFRL/NIST

1:45 – 2:30 PM [Overview of the Consumer Product Safety Commission: Keeping Families Safe from Fires](#)
Joseph P. Mohorovic, Director
Office of the International Programs and Intergovernmental Affairs
Consumer Product Safety Commission (CPSC)

2:30 – 3:15 PM Travel to U.S. Consumer Product Safety Commission

3:15 – 4:45 PM [Tour – Consumer Product Safety Commission Laboratory](#)
Product Testing Laboratory
10901 Darnestown Road
Gaithersburg, MD 20878
Telephone: (301) 424-6421

3:15-3:35 PM Introduction & Laboratory Overview
Andrew G. Stadnik, Associate Executive Director for Laboratory Sciences

3:35-4:00 PM Regulated Products Testing
General Wearing Apparel
Children's Sleepwear
Carpet and Rugs

4:00-4:25 PM Upholstered Furniture
Flammability Standard Development
Linda Fansler, Textile Technologist
Andrew G. Stadnik, Associate Executive Director for Laboratory Sciences

4:25-4:50 PM Mattresses
Flammability Standard Development
Andrew G. Stadnik, Associate Executive Director for Laboratory Sciences

5:00 PM Bus Departs for Rosslyn, Virginia

6:00 PM RECEPTION
Hosted by National Electrical Manufacturers Association (NEMA)

8:00 PM Bus Departs for Hotel

Thursday, 23 September

NIST, Administration Building 101, Lecture Room B

- 8:00 AM NIST Bus Departs Hotel for NIST
- 8:30 – 8:45 AM Administration and Summary of Previous Day

STANDARDS

- 8:45 – 9:30 AM [Integrated Approach to Standards Development](#)
Donald Snyder, Manager, U.S. Standards
Underwriters Laboratories Inc.
- 9:30 – 10:15 AM [Use of Standards in Regulations](#)
Thomas O'Toole, Manager
ASTM Committee E05, ASTM
- 10:15 – 11:00 AM [Engineering Fire Safety for Standards and Codes Development](#)
Richard Bukowski, Ph.D., Senior Engineer
Building and Fire Research Laboratory, NIST
- 11:00 – 11:30 AM BREAK - provided by Intertek – ETL Semko
- 11:30 AM–12:30 PM [Standards in China](#)
Dr. XIAO Han, Section Chief
Standardization Administration of China (SAC)
- 12:30 – 2:15 PM LUNCH – hosted by TYCO
New Fortune Restaurant, 16515 S. Frederick Ave.
Gaithersburg, MD
Telephone: 301-548-8886
- 2:30 – 3:15 PM [U.S. Industry Perspective on Standards Harmonization](#)
Guobi Zhang, Ph.D., Technology Scientist, Fire Protection
Tyco
- 3:15 – 4:00 PM [Discussion with all Presenters](#)
Moderator: Ajit Jillavenkatesa, Ph.D., GSIG/NIST
- 4:00 – 4:15 PM BREAK - provided by Intertek – ETL Semko

IMPLEMENTATION

- 4:15 – 5:00 PM [Testing and Commissioning: Verifying Building Performance to the Code Requirements](#)
Randolph W. Tucker, Executive Vice President
Rolf Jensen & Associates, Inc. (RJA)
- Fang Li, Director of China Operations
Rolf Jensen & Associates, Inc. (RJA)
- 5:15 PM Bus Departs for Marriott Hotel, Gaithersburg
- 5:30 PM RECEPTION and DINNER
Hosted by Rolf Jensen & Associates, Inc. (RJA)
- 8:30 PM Bus Departs for Hotel

Friday, 24 September NIST, Administration Building 101, Lecture Room B

8:00 AM NIST Bus Departs Hotel for NIST

8:30 – 8:45 AM Administration and Summary of Previous Day

IMPLEMENTATION continued

8:45 – 9:30 AM [Ensuring Product Integrity in China](#)
PRC Representative

9:30 – 10:45 AM [Panel Discussion: Conformity Assessment and Ensuring Product Integrity](#)
Moderator: Gordon Gillerman
Conformity Assessment Advisor, Homeland Security
Standards Coordination and Conformity Group, NIST

Rick Curkeet, P.E., Chief Engineer - Building Products
Intertek - ETL Semko

Shahriar Amiri, C.B.O.
Montgomery County Department of Permitting Services

Guobi Zhang, Ph.D., Technology Scientist, Fire Protection
Tyco

10:45 – 11:15 AM BREAK - provided by Intertek – ETL Semko

11:15 AM–12:00 PM [Performance Based Design and Application in China](#)
PRC Representative

12:00 – 1:00 PM LUNCH – NIST Cafeteria

1:00 – 1:30 PM [Preparation for Forum](#)
Ajit Jillavenkatesa, Ph.D. and Ann Weeks

- Review of each day's theme
- Overview of discussion questions

1:30 – 2:30 PM [Break Out Session for Forum](#)

2:30 – 3:30 PM [Forum - Summary of Next Steps and Action Items](#)
Carmiña Londoño, Ph.D., GSIG/NIST
Ann Weeks, UL
PRC Representative – Head of Delegation

3:30 – 4:00 PM

Closing Remarks

Carmaña Londoño, Ph.D., GSIG/NIST

Ann Weeks, UL

PRC Representative – Head of Delegation

4:00 PM

Adjournment

4:15 PM

NIST Bus Departs for Hotel