

Fire and Emergency Services Higher Education Industrial Fire Safety Professional Development Committee

Educational Opportunities for Colleges and Universities Assisting Industry in the United States

Discussion:

The Industrial Fire Safety Professional Development Committee of FESHE met December 15-16, 2006 at Emmitsburg, Maryland. The purpose of this meeting was to bring together industrial fire service and safety professionals with the FESHE Steering Committee and to form said committee, in order to advise FESHE on how the industrial community could interact with the college community throughout the country. In addition to fire and life safety training, it was discussed that there are many other opportunities for higher education institutions to assist industry in training and education.

Meeting Attendees:

Guy Colonna-NFPA (MA); Ron Kanterman-Merck & Co. Inc. (NJ); Harry Burdick-Marion County EMA (OH); Dave White-Industrial Fire World (TX); Larry Collins-Eastern Kentucky University (KY); Noah West-Lafayette, LA; Ed Kaplan-USFA.

As an action item, I (Ron Kanterman) was asked to compile a list of training and education opportunities that industry may require. This list is drafted for circulation amongst the committee members for comments, additions, deletions etc. in preparation for distribution at the June 2007 FESHE conference in Emmitsburg, MD.

Title	Driver
Industrial Fire Brigades	NFPA 600
Industrial Fire Brigade Member	NFPA1081
Professional Qualifications	
Fire Apparatus Driver Professional	NFPA 1002
Qualifications	
Fire Apparatus Preventive Maintenance	NFPA 1915
Fire Department Infection Control Program	NFPA 1581
Fire Department Occupational Safety and	NFPA 1500
Health Program	
Fire Department Operations in Properties	NFPA 13E
Protected by Sprinklers and Standpipes	
Fire Department Safety Officer	NFPA 1521
Fire Officer Professional Qualifications	NFPA 1021
Protective Ensemble for Proximity	NFPA 1976
Firefighting	
Protective Ensemble for Structural	NFPA 1971
Firefighting	
Rescue Technician Professional	NFPA 1006
Qualifications	
Water Tanks for Private Fire Protection	NFPA 22
Private Fire Service Mains	NFPA 24
Installation of Stationary Fire Pumps	NFPA 20

Compiled January 10, 2007 and distributed by: Chief Ron Kanterman, Merck Emergency Services, Rahway, N.J., 732-594-4700, ron_kanterman@merk.com

Additional courses from the national fire science curriculum:

- Building Construction for the Fire Service
- Fire Behavior and Combustion
- Fire Prevention
- Fire Protection Hydraulics and Water supply
- Fire Protection Systems
- Principals of Emergency Services

Other Fire Science Courses of interest:

- Hazardous Materials-Incident Management
- Fire and Arson Investigation

The following are areas of training that most general industry has a need for and may result in the local college or university affording assistance.

Title	Driver
Asbestos Handling	1926.1101
Line Breaking	1910.147
Respiratory Protection	1910. 134
Eye and Face Protection	1910.133
Hazardous Energy	1910.147
Industrial Trucks/Fork Trucks	1910.178
Hearing Conservation	1910.95
Fall Protection	1910.23-29, 1910.500
Confined Space	1910.146
Scaffolding	1910.28
HAZWOPER	1910.120
Hazard Communication	1910.1200
Trenching and Excavation	1926.650
Electrical Safety	NFPA 70E
Blood Borne Pathogens	1910.1030
RCRA	1910.120
SPCC	1910.120