

October 29, 2002

**Professional Pyrotechnic Experience
and
Process Safety Management**

- 1. Licensed Pyrotechnician, Canada, since 1988**
- 2. Chair: National Fire Protection Association Committee on Pyrotechnics, seven years**
- 3. Expert: National Fire Protection Association Committee, Pyrotechnics, nine years**
- 4. Expert: National Fire Protection Association Committee, Special Effects, five years**
- 5. Expert: National Fire Protection Association Committee, Entertainment Facilities (Motion Picture, Television, Theatre), five years**
- 6. Expert: National Fire Protection Association Committee, #101 Life Safety Code, Public Assembly, three years**
- 7. Process Safety Management Expert and Consultant: Risk International & Associates, Inc., 24 years**
- 8. Expert Witness and Investigator: On going litigation for Federal OSHA, DOL in fireworks incidents at fireworks manufacturers, two years**
- 9. Seminar: Pyrotechnic Safety and Process Safety Management: Mexico City, Mexico. 1998**
- 10. Risk Assessor and Process Safety Management Expert: Assessments of Fireworks Manufacturing Companies**
- 11. Visitation to Fireworks Manufacturing Plants, United States, Canada, Mexico, ten years**
- 12. Presentation of Major Papers on Pyrotechnics and Safety, International Fireworks Conferences, Canada and the United States**
- 13. Development of International Certification for Pyrotechnics**
- 14. Completed two courses for Special Effects by the California State Fire Marshal's office, for Themes Parks and Movie Studios**
- 15. Conducting Environmental and Chemical Safety and Health Seminars and Workshops, 26 years**
- 16. National Satellite Workshop for Environmental & Chemical Safety, 36 University sites, University of California Environmental Departments, 1992**
- 17. Seminars for Entertainment Technicians on NFPA #1126, Pyrotechnic Before a Proximate Audience**

- 18. Chemical Industry: Risk Assessments for Safety, Health, Environment, Security: fifty of the world's largest chemical corporations, 24 years**
- 19. U.S. Department of Navy/Chemical Warfare Division: Investigation of Industrial Hygiene Practices, Jonson Atoll, Nerve Gas, Agent Orange Storage, Chemical Weapons Destruction Site, 1987**
- 20. Educational: University, College, Secondary Schools: Environmental Audits, 24 years**
- 21. Insurance Brokers and Carriers: seventy companies: Risk Assessments for Safety, OSHA, Security, Environmental Audits, ten years**

Respectfully submitted,

Dr. Randall W. A. Davidson, President of Risk International & Associates, Inc.