

Robert Lincoln Derick

Senior Safety and Health Consultant

Summary of Expertise

Extensive experience in underground coal mine safety and has demonstrated leadership during on-going serious mine emergencies; train future mine foremen and mine examiners to prepare for their state certifications.

Experience

Safety Solutions International, Inc.: 2007 - Present

Derick Mining and Safety, LLC.: 2006 – Present

Co-owner

- Provide safety, training and mine ventilation services to a variety of coal mine operators; provide expert testimony or represent mine operators on major issues; conduct mine site training classes for certification testing

Peabody Energy and RAG American Coal at Twentymile

Coal Company: 2000 – 2006

Technical Safety Manager

- Responsible for all technical safety issues, such as ventilation and roof control plans and design; responsible for outside governmental activity and other organizations; coordinated all emergency response efforts, such as mine rescue, fire brigades, and on-site EMT and ambulance service; provided corporate duties of commenting on proposed regulations and testified at court hearings on mine safety issues as expert witness

Colorado Westmoreland, Cyprus Amax, Empire Energy

Corporation, Twentymile Coal Company, RAG

American Coal: 1978 – 2000

Safety Manager

- Performed all mine safety duties at several mine locations and different mine operators, which purchased the properties; service time was credited with each new owner; performed mine emergency duties at additional company-operated properties in the eastern and western United States, as well as Australia

Pittston Coal Group – Eastern Coal Company:

1975 – 1978

Safety Director

- Performed all safety related responsibilities for nine underground coal mines; worked in operation roles during a portion of time as safety director

Foreign Experience

Australia

Education

Bachelor of Science in Environmental Engineering, Montana
College of Mineral Science and Technology (formerly
Montana School of Mines)

Registration and Certificates

Certified Mine Foreman: Trona – Wyoming
Certified Mine Foreman: Coal – Kentucky
Certified Mine Foreman: Coal – Colorado
MSHA Mine Electrician: Coal
MSHA Dust Sampling/Maintenance: Coal
MSHA Certified Mine Trainer: Coal
National Mine Rescue Contest, Executive Committee
Colorado Mining Association, Vice-Chairman of Health and
Safety Committee
Founding/Charter member of three local mine rescue contests
Elected board member of Northwestern Colorado Community
College, Craig Campus
Emergency Medical Services Council – Moffat County,
Colorado
Emergency Medical Services Council – Routt County,
Colorado
American Society of Safety Engineers
American Society of Industrial Hygienists
Society of Mining Engineers

Presentations and Papers

Authored/co-authored the following published work:

- “Determining the Status of Mine Atmospheres Following Indication of Fire” – SME, 2006
- “Detection and Control of Spontaneous Heating in Coal Pillars: a Case Study” – NIOSH-9553, 1995
- “Determining the Integrity of Escapeways During a Simulated Fire in an Underground Coal Mine” – late 1980’s
- “Evaluating Gas Exchange from Sealed Areas in Underground Coal Mines” – 1991
- “Mine Emergency Response Before, During and Following a Large Underground Coal Mine Fire” – late 1980’s
- “Applying Atmospheric Status Equations to Data Collection From a Sealed, Post-Fire Atmosphere” – NIOSH-9362, 1991
- “Analysis of a Fire in a Colorado Coal Mine: a Case Study” – late 1980’s

- “Early Fire Detection in Diesel Emission Environment”, 1988
- “Early Fire Detection by Computerized Mine-Wide Monitoring System” – early 1980’s
- Contributing and acknowledged author of numerous other papers with subjects ranging from “Dust Control”, “Self Rescuers”, “High Expansion Foam Generators”, NIOSH published “Underground Mine Fire Preparedness Checklist” and several “Training” publications