Virginia Division of Mineral Mining

Safety DVD Lending Library

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DMM SAFETY DVD LENDING LIBRARY AGREEMENT

The Division of Mineral Mining provides DVDs for check-out free of charge to all Virginia mineral mining operators and contractors. Mine operators and contractors are encouraged to use this service in their safety and training programs.

The videos in the DMM Health and Safety Library are purchased from private production companies or obtained from other sources (e.g., MSHA). While these companies strive to meet all safety and health regulations, there may be some inaccuracies. It is the patron's responsibility to be certain that the materials being used are appropriate regarding state and federal regulations.

The Library has a limited number of copies; therefore, materials have a **2 week loan period** unless otherwise requested and approved by DMM.

Materials may be requested either by phone, 540.910.5422 or email, jeff.Stewart@energy.virginia.gov. Provide your name, company name and address along with a daytime phone number in your request.

If there are problems with any of the borrowed materials, please let us know when the items are returned.

Please note: If you damage a DVD or do not return it to DMM, you will be responsible for replacement.

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Accident Prevention

1801 LEAD THE WAY

Virginia Division of Mines with Specialized Mine Safety Training, DVD

Video illustrates that the key to managing an emergency to a successful result is proper training and preparedness. Drama of a mine rescue event.

1803 JOB SAFETY ANALYSIS: A PRACTICAL APPROACH

15 min.

MSHA, 1990

This video discusses the JSA process. It teaches the viewer how to determine which jobs to select for JSA, to separate jobs into basic steps, to identify hazards associated with each step, and to use methods to control each hazard.

1810A EXPECT THE UNEXPECTED

15 min.

Workers Compensation Board of BC

This video explains and emphasizes the importance of managements' and workers' preparation of workplace policies and procedures for the handling any possible future emergency situation/disaster.

1832 BACK TO BASICS

19:50 min.

National Stone Association, 1999

A dramatic training video for new and experienced miners on behaviors and attitudes on the job that can result in unsafe acts. Use it for new miner, experienced miner and annual refresher training, and includes an instructor's guide.

Chemical Safety

1913 THE MSDSs: KEY TO COMPLIANCE

18 min.

Lab Safety Supply

Electrical Safety

1201 ELECTRICAL CASE HISTORY

15 min.

DuPont (Coastal), 2013, DVD

ECH takes a close look at the details of a real-life tragedy to help employees understand the potential dangers of working around electricity. It specifically presents proper lockout/tagout procedures and how to operate a scissor lift safely, especially around electrical sources.

1203 ELECTRICAL HAZARD RECOGNITION

14 min.

Colorado Division of Minerals & Geology, 1998

Reviews electrical hazards at surface mines in Colorado. Includes how electrical hazards are created, overhead powerlines, electrical substations, preparation plants and mills, high voltage cables, LOCK OUT/TAG OUT, grounding, and housekeeping.

1212 LOCKOUT PROCEDURES

5 min.

Safety Short Series, 1989

Shutting down and locking out machinery prior to making repairs is an important safety procedure. Lock out/tag out procedures are shown.

1224 SAFETY AROUND POWER LINES

13:15 min.

Florida Bureau of Mine Safety

Provides visual examples of the types of power and communication line hazards encountered in the mining industry. Electric lines, high voltage drag cable, power stations, and communication cables are demonstrated.

1226 LOCKOUT & TAGOUT FOR SAFETY

9 min.

Florida Bureau of Mine Safety, 1994

This video describes the proper procedures for performing safe electrical lockout and testing, and dramatically illustrates what can happen if this isn't done.

1228 LOCKOUT/TAGOUT, YOUR KEY TO SAFETY

J. J. Keller, 2006, DVD

Explains the difference in responsibilities between authorized employees & affected employees; shows sources of hazardous energy in the workplace; and, demonstrates proper lockout/tagout procedures.

1229 LOCKOUT/TAGOUT, LIGHTNING IN A BOTTLE

DuPont (Coastal), 2008, DVD

Fatal injuries occur when hazardous energy is released and safety precautions are not in place. Train your employees and boost your lockout/tagout measures with this shockproof program. Available in English, Spanish, French & Portuguese.

Explosive/Blasting Safety

1330 HANDLING EXPLOSIVES IN UNDERGROUND MINES

NIOSH. DVD

This video covers the basics of working around explosives in an underground mine. While this video is not intended to fully teach workers how to use explosives, it is very useful in keeping them aware of the dangers they pose.

1331 UNDERSTANDING VIBRATIONS FROM BLASTING

21 min.

International Society of Explosive Engineers, 2004, DVD

Fire Prevention/Safety

1012 CLASSES OF FIRES AND EXTINGUISHERS

Williams Learning Network, DVD

First Aid

1602 CPR AND AED THE CHAIN OF SURVIVAL

19 min.

DuPont (Coastal), 2012, DVD

It covers the five links of the survival chain, steps for performing CPR on adults, infants and children, how to use an Automated Electronic Difibrillator (AED), and post-cardiac arrest care. Available in English, Spanish & Portuguese.

1629 BLOODBORNE PATHOGENS, JUST THE FACTS

14 min.

DuPont (Coastal), 2008, DVD

This will give viewers a complete picture of the risks of exposure, the kinds of diseases potentially present in blood and bodily fluids and the best practices to implement in order to stay safe in the event of exposure. Available in English, Spanish & Portuguese.

General Mine Safety

2003 GROUND CONTROL & HIGHWALL SAFETY

10:30 min.

Colorado Division of Minerals & Geology

Provides a review of safe procedures to use when working in and around surface coal and non-coal operations in Colorado. Includes a brief review of types of highwalls created in coal and non-coal surface mines, and unstable ground.

2005 WINTER ALERT (FORMERLY #2013) MSHA

9:39 min.

This film discusses surface coal mine explosion hazards/dangers in winter.

2007 BALL MILL SAFETY

MSHA, 1988 17 min.

Outlines the various steps - precautions and procedures - that must be taken to safely and efficiently shut down a ball mill, enter, inspect, service, and restart the operation.

2012 THE BIG CHILL SAFETY SHORTS

5:00 min.

2013 QUARRY SAFETY (FORMERLY #1113)

14 min.

MSHA, 1986

Explains potential hazards that occur in and around quarries. Shows techniques for hazard recognition and accident prevention.

2015 DUST CONTROL - IT'S EVERYONE'S BUSINESS

20 min.

MSHA, 1997, DVD

This videotape is one of a series on silica dust and silicosis. It discusses the importance of well-designed and maintained dust control systems and procedures to prevent exposure to dust containing silica.

2017 CONFINED SPACES IN MINING

9 min.

MSHA. 1994

Provides a general definition for confined spaces in mining, and displays common examples of confined spaces. Suggests safety guidelines for working in and around confined spaces.

2023 WORKPLACE EXAMINATION

25 min.

National Stone Association

A video for new and experienced miners developed to provide guidance and assist operators in performing effective workplace examinations. The program is also suitable for annual refresher training, and includes an instructor's guide.

2024 **NEW MINER TRAINING**

22:36 min.

National Stone Association

Provides an orientation to the aggregate industry work environment for new and experienced employees. Covers the basic safety topics required by MSHA's part 48 training. Includes an instructor's guide.

2028 HAZARD TRAINING FOR THE MINING INDUSTRY

17 min.

Florida Bureau of Mine Safety

2029 HAZARD RECOGNITION THROUGH WORKPLACE EXAMINATION IN MINING

Florida Bureau of Mine Safety

2031 CHAIN SLING SAFETY

14:16 min.

Columbus McKinnon Corporation

Types of chain slings and their proper use are the focus of this video.

2032 HOIST CARE & SAFETY

Columbus McKinnon Corporation

2033 CONSTRUCTION STAIRWAYS & LADDERS

10 min.

DuPont (Coastal)

Before you take the first step up that stairway or ladder, be sure to review the crucial safety precautions demonstrated in this video program.

2034 SAFETY TRAINING PRESENTATIONS

DePoppe, Chris/ Business & Legal Reports, Inc.

For each topic there is a PowerPoint presentation, class preparation sheet, quiz and printable training certificate. Topics include: hazard communication, welding, cutting, accident investigation, preventing falls, emergency action and fire prevention.

2037 SLIPS, TRIPS, & FALLS

9 min.

Florida Bureau of Mine Safety

Various types of slip/trip/fall accidents are depicted at surface mines, plants, on dredges, and in offices. This video stresses the importance of workers thinking safety - and being alert, observant, and cautious.

2038 SAFETY ON OR NEAR WATER

14 min

MSHA

This video discusses the hazards of working on or near the water and the precautions that need to be taken to protect the workers in this situation.

2039 CONFINED SPACE ENTRY INVESTIGATION

DuPont (Coastal), 2008, DVD

Using two real confined space accidents, this high-impact program will teach your employees how to work safely in confined spaces. What happened, what went wrong and how the accidents could have been prevented are all examined in this program. Available in English, Spanish & Portuguese.

2040 CONFINED SPACES, DANGEROUS PLACES

21 min.

J.J. Keller & Associates, DVD

Designed to draw employees in from the very first scene, the video makes it easy to understand what confined spaces & permit-required confined spaces are, what types of hazards they present, how to work safely in & around them, and the roles & responsibilities of the permit-required confined space teams & emergency rescue teams.

Mining Information

2204 PUBLIC EDUCATION: USE OF MINERALS

30 min.

Common Ground, DVD

Seen by more than 10 million viewers worldwide. Presents a clear and balanced view of mining. Targeted for people of all ages, with emphasis on children and youth.

2208 PRIMARY CRUSHING

15:40 min.

National Stone Association

A training video emphasizing teamwork, safety, and efficiency in the productivity process. A valuable tool in providing required MSHA training and employee orientation.

20 min.

2223 MODERN MARVELS: WORLD'S BIGGEST MACHINES 4

MINING, MINERALS, & ENERGY IN VA: MANAGING OUR RESOURCES

50 min.

The History Channel, 2005, DVD

Includes segment on Metso Minerals 42665 Superior Gyratory Crusher and MP1000 cone crusher located at Vulcan Materials Manassas Virginia quarry.

Equipment Safety

2209

1100 RIGGING SAFETY

10 min.

Sareyka Video

The program reminds employees of the importance of Rigging Safety. Includes information on: Physical and Mental Preparation. Personal Protective Equipment. Equipment Inspection. Hazard Assessment. Slings and Hitches. Hand Signals. Load Angles.

1101 RIGGING EQUIPMENT BASICS

DuPont (Coastal), 2004, DVD

This program shows materials and techniques used for the three most common types of slings. It provides information on proper selection, maintenance, rigging and use. Available in English & Spanish.

1102 POWERED HAND TOOL SAFETY

DuPont (Coastal), 2009, DVD

This safety program thoroughly explains PPE, pre-use inspection, predicting dangers and housekeeping. Available in English, Spanish & Portuguese.

1103 **EQUIPMENT GUARDING**

MSHA, DVD (2 disc set)

Disc 1- Risk, Hazards and Guard Construction; Disc 2 – Guarding Mine Equipment.

1104 POWERED HAND TOOLS – SAFETY IS IN YOUR HANDS

DuPont, 2014, DVD

This program will show employees how to protect themselves from powered hand tools as well as basic tool safety precautions.

1105 POWERED HAND TOOL SAFETY

18 min.

Vocam, 2006 DVD

From electric sanders to pneumatic jackhammers, powered hand tools are widely used across a huge range of industries. When operated improperly powered hand tools can inflict injuries from minor to life threatening.

1108 MULTI-PIECE RIMS

18:50 min.

This program was developed for maintenance personnel, truck drivers, equipment operators, and people in the tire service industry. It convincingly shows the destructive force of a rim separation. It also discusses the safety precautions.

1109 FORKLIFT OPERATIONS AND SAFETY

15 min.

J. J. Keller & Associates

A high-impact, 15-minute video demonstrates safe forklift maneuvers and proper maintenance. A Training Preparation Guide offers timesaving tips and suggestions for more effective training sessions.

1110 FORKLIFT STABILITY ESSENTIALS

18 min.

Vocam, 2006, DVD

Topics covered include: the stability triangle; longitudinal stability; lateral stability; load capacity; dynamic stability; the operating environment; forklift tip over procedures.

1111 FORKLIFT MANEUVERS, ALL THE RIGHT MOVES

26 min.

Coastal, 2008, DVD

This program reviews the most important forklift safety. It is ideal for new or experienced forklift operators and will help them receive & maintain their OSHA certification. Available in English, Spanish & Portuguese.

1112 WORKER SAFETY: LOADER-BACKHOE

20 min.

Talus Resources. DVD

This video addresses the need for a set of practical guidelines for the many other trades that work with the loader-backhoe on a daily basis.

1114 THE SIGNAL: WORKING AROUND CRANES

5 min.

When working around cranes, knowing the proper way to direct them is essential. This Safety Shorts video overviews the most widely used international hand signals for directing cranes.

1116 BLIND SPOTS CAN KILL!

MSHA

A haul truck driver and an electrician discuss the accident where a 240-ton haul truck drove over the electrician's work vehicle. No one was in the vehicle, but the electrician's one-ton truck was destroyed.

1118 VISIBILITY & COMMUNICATIONS: OFF-ROAD HIGHWAY TRUCKS

18 min.

7 min.

MSHA

This video discusses the visibility and communication problems associated with off-road and highway haulage trucks. Topics covered include driver awareness, good communication systems, night driving, weather conditions, road design and maintenance.

1121C LOADERS: SAFETY - VOLUME 3

17 min.

Talus Resources. DVD

Safety issues are coming to the forefront more and more each day in the heavy equipment industry. Viewer will see the importance of the pre-operation check and how to carry it out, plus general site safety.

1121D LOADERS: OPERATING TECHNIQUES - VOLUME 4

20 min.

Talus Resources, DVD

This video shows how to manipulate all factors of operating techniques. The operator's knowledge and skill are keys to efficient, safe, and productive loader operation.

1130 POWERED HAULAGE SAFETY

21:30 min.

Colorado Division of Mines & Geology, DVD

Provides a review for new and experienced powered haulage operators. Includes a walk around inspection and checklist, rules of the road in surface mining, berming, safe equipment shutdown and transporting personnel.

1131 HAUL ROAD AND DUMP SITE BERMS

44 min.

MSHA, 2002, DVD

Covers specific hazards and preventive measures associated with surface haul road and dump site accidents and fatalities.

1132 GOOD BERMS SAVE LIVES

14 min.

MSHA, 1998

This informative video discusses one mine's concern about berms on their property. The mine studied their berms using various materials and different berm heights. The size and speed of mining equipment, grades, and weather conditions.

1137 CRAWLER EXCAVATOR: SAFE OPERATING TECHNIQUES

22:30 min.

Vista, DVD

There are safe operating techniques to use in sewer work, road construction, heavy traffic, clinging to a mountainside, taking down a bridge at night or working in a scrap operation. This video shows all these operations, and many more.

1140 HAUL TRUCKS: MECHANICAL PROFILE

15:50 min.

National Stone Association

Provides guidance in operating, maintaining, and inspecting haul trucks. Each provides key information for operators on how to work safely on and around haul trucks.

1141 HAUL TRUCKS: RUNAWAY PREVENTION

19:03 min.

National Stone Association

Provides guidance in operating, maintaining, and inspecting haul trucks. Each provides key information for operators on how to work safely on and around haul trucks.

1142 HAUL TRUCKS: OPERATION FOR SAFETY

18:58 min.

National Stone Association

Provides guidance in operating, maintaining, and inspecting haul trucks. Each provides key information for operators on how to work safely on and around haul trucks.

1144 TRUCK HAULAGE SAFETY SERIES

16 min.

MSHA. DVD

Grades, and Runaways – Off-Road Trucks; Highway Haulage Truck Inspection Conducted by MSHA Inspectors; Inspection of Off-Road Haulage Trucks by an MSHA Inspector; Pre-Operation Inspection of Highway Trucks by the Driver; Pre-Operation Inspection of Off-Road Haulage Trucks by the Driver; Visibility and Communications: Off-Road and Highway Trucks.

1145 WHEEL LOADER INSTRUCTOR'S KIT FOR MINING AND CONSTRUCTION

Vista

CD-ROM/Video/Manuals; A complete instructor "tool kit" for teaching the basics of Wheel loader operation or for refresher training of experienced operators. The kit includes an Instructor's Packet, 2 Wheel Loader training videos.

1146 HAND SIGNALS FOR EXCAVATORS AND BACKHOES

John Deer, 2000, DVD

The correct use of hand signals on a job site can prevent accidents or even save a life. This program looks at hand signals & how they can protect workers in potentially dangerous situations. Available in English & Spanish.

1147 LOCKOUT/TAGOUT OF CONSTRUCTION EQUIPMENT

John Deer, 1998, DVD

Accidental start-up of construction equipment during repair is an ever present danger. This video puts implementation of a lockout & tagout procedure in perspective with an easy to follow process. Everyone will work more safely by following a few simple procedures to isolate equipment from accidental start-up or movement during repairs or services.

1148 LOCK OUT/TAG OUT NO ESCAPE

18 min.

DuPont (Coastal), 2014, DVD

The fatal five mistakes and the seven-step process for lockout/tagout will be discussed along with nine types of energy that may cause hazardous situations in the workplace.

1150 CONVEYOR SAFETY

7 min.

MSHA, 1987

Introduces basic hazards found around conveyor belts. Stresses accident prevention.

1152 BATTERY HAZARDS

10 min.

Sareyka Video Productions

Personal Safety

1401 MANUAL HANDLING FOR INDUSTRY, THE NEW APPROACH

Vocam, 2002, DVD

21 min.

Back structure & musculoskeletal disorders (MSD) are explained & methods for identifying, assessing & controlling manual handling risks related to MSD are covered.

1402 HAND SAFETY - IT'S IN YOUR HANDS

DuPont (Coastal), 2009, DVD

Get a firm grip on hand safety and prevent accidents. Understand the factors that determine the ideal PPE for a job. Make sure that employees know the glove types as well; when they are used and how they are to be checked, inspected and cared for. Available in English, Spanish & Portuguese.

1405 BACK IN ACTION

20 min.

DuPont (Coastal), 2010, DVD

Help improve awareness and cultivate individual responsibility when it comes to back safety issues in general industry. This program covers basic anatomy of the back, warning signs of potential injury, risk factors, and most importantly, preventative measures.

1406 **SAFE LIFTING**

5 min.

Cinema Safety Products, Inc.

1418 EYE PROTECTION: WHY GAMBLE?

20 min.

DuPont (Coastal), 2007, DVD

Compliance with OSHA's Eye Protection Standard (1910.133) is made easier with this award winning video program. It reviews how to avoid injury as well as emergency procedures to follow if an accident should occur. Available in English, Spanish & Portuguese.

1419 **SAVING SIGHT**

15 min.

DuPont (Coastal)

This program introduces employees to the procedures and protective equipment that can help prevent eye injuries.

1426 HAND SAFETY

15 min.

Coastal

1433 HEARING PROTECTION Real, Real-Life

16 min.

DuPont (Coastal), 2007, DVD

Don't turn a blind eye to the accidents! Take a look at this award-winning program and see the ways to avoid eye injuries. The program also outlines emergency procedures and complies with OSHA's Eye Protection Standard (1910.133) Available in English & Spanish.

1434 HEARING PROTECTION SOUNDS GOOD TO ME

14 min.

DuPont (Coastal), 2008, DVD

Study how this the ear works and how it's affected and damaged by noise. Control noise level, understand Noise Reduction Ratings and use the appropriate ear PPE. The program also discusses audiometric testing, a simple and painless test to detect hearing loss.

1435 **HEAR TODAY, GONE TOMORROW**

12 min.

Industrial Training Systems Corporation, DVD

The causes of hearing loss and levels of sound are discussed in this video. It also shows the control of noise, testing programs and protection of the ears.

1438 SAFETY BREAK - HEARING

5 min.

Hearing conservation is explained - why hearing protection is needed and what type to use.

1447 SUBSTANCE ABUSE: IS IT OUR PROBLEM?

34 min.

MSHA. 1986

Substance abuse poses problems in the workplace. This program examines substance abuse from "the toolroom to the boardroom." It also includes material about Employee Assistance Programs (EAPs) and related programs.

1448A WHAT AM I WORTH?

38 min.

MSHA, 1990

Shows miners who used substances on their shifts, the impact of such behavior on their jobs and lives, and the effect of help they received from their company's employee assistance programs.

1453A SAFETY BREAK - RESPIRATORS

5 min.

Tel-A-Train, DVD

1455 **RESPIRATORY SAFETY / HEAT STRESS**

14 min.

Overexposure to high temperatures and humidity can quickly lead to heat-related illness. Early recognition and proper treatment are necessary to help prevent a medical emergency.

1472 ATTITUDE: IT'S EVERYTHING

12 min.

Florida Bureau of Mine Safety

This video takes a look at how attitude can affect workplace safety.

1476 **DEMO OF FALL PROTECTION EQUIPMENT**

22 min.

DBI/SALA, DVD

1477 FALL PROTECTION IN MINING

13 min.

Florida Bureau of Mine Safety, DVD

1478 **LIGHTNING IN MINING**

13 min.

Florida Bureau of Mine Safety, DVD

1479 FALL PROTECTION TRAINING & PROGRAM MODERNIZATION

24 min.

MSHA

Florida DEP video on fall protection. Available in English & Spanish.

1480 SLIPS, TRIPS, AND FALLS: TAKING THE RIGHT STEPS

8 min.

DuPont (Coastal), 2008, DVD

Available in English, Spanish & Portuguese

1481 SLIPS, TRIPS, AND FALLS: SPLIT SECOND SAFETY

18 min.

DuPont (Coastal), 2012, DVD

A split second lapse of awareness can lead to a life-long injury. The program guides employees to be more mindful of their surroundings. It helps them understand how, why, and even where slips, trips, and falls occur; develop a safety mindset. Available in English, Spanish & Portuguese.

1482 STAIRWAYS AND LADDERS: THE FIRST STEP

DuPont (Coastal), 2007, DVD

Stairways and ladders may not appear to be as dangerous as scaffoldings, yet every year, over 34,000 workplace accidents involve stairways or ladders. They must understand why these stairway and ladder accidents occur and what they can do to prevent them. Available in English, Spanish & Portuguese.

Underground Mine Safety

2100 UNDERGROUND MINE SAFETY

26 min.

Colorado Division of Minerals & Geology

Provides a general safety review primarily for miners and those who work in small underground mines. Includes personal protective equipment, workplace examinations, barring down, roof support, drilling safety checklist, storage and handling of explosives.

2105 UNDERGROUND HAULAGE HAZARDS

12 min.

MSHA, 1983

Presents a broad overview of some of the more common factors which cause accidents involving both track and off-track haulage. Points out need for sufficient safety and task training, staying alert, and obeying company safety rules and regs.

2117 **SCALING** MSHA

11 min.

This video will remind you of some of the safety procedures and common sense practices to use during scaling.

Welding Safety

1700 **FLASHBURN** 5 min.

Safety Shorts

Flashburn to the eye can result when ultraviolet rays emitted by an arc welder are absorbed into the eye's cornea. Viewers are shown the effects of flashburn and prevention methods.

1701 WELDING: SAFE WORK WITH HOTWORK

19 min.

DuPont (Coastal), 2010, DVD

In hotwork operations, safety is a burning issue. But through this program, you can cool down the risks and torch the dangers. It details various types of welding and corresponding vital precautions. Available in English, Spanish, French & Portuguese.

1707 STORAGE & TRANSPORTATION OF COMPRESSED GASES

28 min.

MSHA, 1989

Describes the ideal storage conditions and the safest means of transporting and handling compressed gas cylinders in the mining environment.

1710 WELDING SAFETY: RESPECTING THE HAZARDS

14:50 min.

Summit Training Source, Inc., 1996

Open flames in the work environment can be a risky. Welding safety teaches employees to recognize and respect the potential hazards and motivate them to use best safety practices to prevent property damage and injury.

1711 HOT WORK PERMIT

12 min.

Summit Training Source, Inc., 1996

Welding, grinding, cutting and other activities that produce sparks or use open flames create potential hazards – especially in confined spaces and process areas. This program educates your workers on proper procedures and safe work practices.