# EHS Video/DVD Catalogue

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Arts and Crafts Safety

Creating Art Safely
20 min

This video provides an overview of the health and safety hazards associated with art programs in educational institutions. A six step process covering preventative measures is outlined.

Health Hazards in the Visual Arts
12 min

This video outlines chemical hazards specific to the home and industrial art studio. Chemical exposure, prevention of exposure through the use of personal protective equipment, ventilation, using pre-mixed products and the least toxic materials when possible are discussed. Storage and labeling of materials is also covered.

Automobile and Truck Safety

Fleet Maintenance - Check on it, you rely on it
13 min
Before going out on the road, it is important for professional and amateur drivers to check their vehicles. Fluid levels, tire pressure and other check points are detailed. Viewers will learn that a few minutes at the start of the day can save hours later. Produced by the Ontario Ministry of Transportation, 1988.

Living with Cars
11 min
Truckers must share the road with automobile drivers and this requires a constant testing of driving skills. The viewer will learn how to anticipate problems associated with cars on the road in conjunction with truck limitations. This video also emphasizes the importance of public image and professionalism for truckers. Produced by the Ontario Ministry of Transportation, 1990.

Living with Trucks
8 min
Automobile drivers often do not realize the limitations of large trucks. Using full-size vehicles on test tracks as well as actual footage of highway driving, viewers will learn the importance of "sharing the road". Produced by the Ontario Ministry of Transportation, 1988.

Pre-Inspection
26 min
Pre-trip inspections of Commercial vehicles are not just a good idea, they are the law. Inspection reports, circle checks and air brake inspections are highlighted including the equipment needed for the inspection check. Exemption vehicles are also outlined. Produced by the Ontario Ministry of Transportation, 1991.
Back Injury Prevention

**Lifting Injury Prevention with Exercises**  
*6 min*

This ESAO produced video is intended for employees whose duties require regular lifting. This introduction to the basics of back care and lifting includes basic exercises to assist with keeping back muscles in condition.

**You are the Weightlifter**  
*5 min*

This short tape explains the importance of proper lifting techniques in all occupations. This tape is suitable for all workers, not just those who lift heavy objects. Both English and French soundtracks are available on the tape. Produced by the Education Safety Association of Ontario, 1999.

Biosafety

**Biological Containment - Microbiological Safety Cabinets**  
*25 min*

This film summarizes the design and performance of the different types of safety cabinet that are available. Cabinet operating principles together with tests for operator protection and filter efficiency are described in detail and illustrated with animated sequences. The film is aimed at a wide audience especially workers who handle pathogenic material and laboratory managers who are responsible for the design and operation of biological laboratories. This video does NOT demonstrate work procedures for a biohazard containment cabinet but it does give graphic illustrations of procedures that can result in worker exposure to agents while performing standard microbiological techniques. Produced by the Laboratory for Aerobiology, UK, 1986.

**Biosafety**  
*20 min*

This live-action video discusses common techniques used in labs handling hazardous biological materials. Biological containment cabinets are demonstrated, and spill cleanup and emergency planning are emphasized. Produced by the University of Toronto Faculty of Medicine, 1977.

**Bloodborne Pathogens**

This video discusses the principal bloodborne diseases and symptoms to which a worker may be exposed, the modes of transmission, procedures to prevent exposure and steps to take if exposure occurs. It is suitable for all employees at the University. Generally donated by Smithkline Beecham Pharmaceuticals.
Controlling Your Risks: HIV in Research Laboratory
28 min

The video highlights the practices and equipment used to protect against HIV transmission in the research environment. While the program centres around working with live HIV and human blood specimens, the principles discussed and illustrated are equally relevant to protection against transmission in the laboratory of other bloodborne pathogens and infectious microorganisms. That workers should control their own risks through discipline, proficiency, and a confident state of mind is a theme that runs throughout the video. Produced by Howard Hughes Medical Institute.

Effective Use of the Laminar Flow Biological Safety Cabinet
16 min

This tape shows uses and limitations of laminar flow cabinets, decontamination, and techniques that allow maximum protection. Produced by the University of Minnesota. Also available in slide/tape format for large audiences.

Germinology – An Introduction to Infection Control
20 min

This video explains to new employees why they need to practice better infection control procedures in health care institutions that they do in their own homes. It informs about bacteria and other microorganisms – what they are, what they do, how fast they can grow, how they spread, etc. It explains virulence, host resistance and infecting dose. It shows with lively illustrations what the health care worker should do (or not do). Barriers are mentioned and hand washing is emphasized.

Introduction to Biological Safety Cabinets - Part I
15 min

This video explains what a biological safety cabinet is and how it works. Produced by Eagleson Institute, Sanford, Maine, 1993.

Introduction to Biological Safety Cabinets - Part 2
21 min

This video explains the different type of cabinets both recirculating and “hard-ducted” types and appropriate uses for each. Produced by Eagleson Institute, Sandford, Maine, 1993.

Mammalian Cell Culture Hazards
8 min

This video provides guidance for the safe handling of mammalian cell cultures. It will introduce new staff to good laboratory practices and provide a meaningful technical review in safety for the more experienced laboratory worker. Produced by Howard Hughes Medical Institute, 1997.
Preventing Employee Exposure to Infectious Disease
19 min

By being aware of how diseases are transmitted by work practices, workers can protect themselves from contracting illnesses from their lab specimens. Produced by University of Minnesota, 1984.

Preventing Hantavirus Disease
19 min

Hantavirus, a virus carried by the common deer mouse, causes a respiratory illness that can be fatal. Persons who may come in contact with deer mouse droppings and nests may be at risk. In this video, people who have survived Hantavirus Disease describe what it is like to have this illness. Also, doctors and scientists who have had first-hand experience discuss the most up to date facts covering symptoms, transmission, risk factors, treatment and prevention.

Safe Use of Biological Safety Cabinets or The case of the Contaminated Cultures
22 min

Biological Safety Cabinets provide product, personnel, and environmental protection if they are used properly. However, many researchers and technicians whose work necessitates using a cabinet do not completely understand how cabinets function, or how to use them correctly. This video dramatizes a typical lab in which contaminated cultures have just been discovered. Researchers in the lab team up to track down the source of the contamination. After seeing this dramatization, viewers will be able to evaluate their own work habits and procedures. They will learn how to improve their work habits in order to avoid contaminating experiments and to maximize their own safety. Produced by Eagleson Institute, 1991.

Using the Gravity Displacement Steam Autoclave
29 min

Autoclaves are only effective if used properly. This live-action film explains procedures for sterilization of soft goods, hard goods and liquids as well as requirements for decontamination. Autoclave testing is also explained. Produced by the School of Public Health, University of Minnesota for the US Dept. of Health and 776 Human Services, National Institute of Health, 1989.

Working Safety With Laboratory Animals
Level 1 – 13 min  Level 2 – 19 min  Level 3 – 27 min

The scenarios depicted in this DVD provide education regarding health and safety practices related to working with laboratory animals at biosafety levels 1,2 and 3. The scenarios are not exhaustive of all possible circumstances or settings and this DVD is NOT a substitute for any required regulatory training.
**Ergonomics**

*Video Display Terminals*
*10 min*

Viewers will learn what makes a VDT work as well as scientific findings about the types of radiation emitted. Ergonomic factors are outlined and corrective measures are suggested. Work station design is emphasized. A short self-test is available. Produced by 3M Corporation, 1984.

*Work Smart*
*13 min*

Ergonomics video produced for Allen-Bradley workers. (Industrial application). Very good illustration of fitting the workplace to the worker. Emphasizes positioning tools and equipment to avoid awkward wrist and arm positions. Shows correct posture and stretches also discusses the importance of staying fit.

**Farm Safety**

*Farm and Ranch Equipment Safety*
*19 min*

Accidents involving equipment happen far too often to farm and ranch people. This video discusses farm and ranch equipment accidents and what can be done to reduce them.

*Hillsburgh Silo Rescue Technique and Silo Gas*
*11 min*

This video films the Hillsburgh Fire Department performing a silo rescue from an open top silo.

*Large Bale Hay Handling Safety*
*10 min*

Large round balers reduce labour needs on the farm but farmers need to be aware of the hazards associated with the equipment and the bales themselves. Equipment maintenance is especially important when moving parts are involved. Viewers will also learn proper techniques for moving and storing bales using common farm equipment. Produced by the Agricultural Engineering Department, University of Missouri (Columbia).

*The Hazardous Workplace*
*5 min*

Agricultural workplaces have many hazards that can cause serious debilitating health problems for workers that ignore them. This video discusses the commonly encountered hazards including noise, contact dermatitis, moulds and spores, respiratory hazards including allergens and gases found in silos and manure pits, and pesticides. Protective measures are outlined briefly. Produced by Marshfield Medical Research Foundation for the National Farm Medicine Centre, Wisconsin, 1984.
Field Work Safety

*Fisheries Safety and Survival Series – 1 Video with 4 sections*

1 - Hypothermia  14 min

Anyone living in a cold climate may be a victim of hypothermia. This video outlines first aid procedures for treating casualties including what NOT to do and stresses the importance of seeking medical aid.

2 - Cold Water Near Drowning  20 min

Any water under 20 C is considered "cold water" and a person can survive a considerable period of time under cold water. Immediate treatment of the casualty with CPR is essential and first aiders must not give up on the casualty until medical aid is obtained. This is essential viewing for anyone who works or plays around cold water.

3 - Sea Survival  20 min

Anyone working on the water must be prepared for emergencies. If you are forced to Abandon ship, it is important to keep calm and follow all emergencies in a timely manner - waiting too long to act can be fatal.

4 - Shore Survival  21 min

If you make it to shore without being rescued or because of a near-shore shipwreck, you must be prepared to protect yourself from the elements. The seven-step program will help you survive until rescue. Interviews with actual survivors add emphasis. Produced by the University of Alaska Instructional Television Services in conjunction with the US Coast Guard, 1983.

Heat Stress
14 min

When you are exposed to heat, constant exertion combines with higher temperatures to make things uncomfortable and sometimes even dangerous. This DVD covers causes of heat stress, the body’s reaction to heat, heat disorders and prevention.

Hypothermia
12 min

If your job requires you to work in cold conditions, you need to be able to recognize the conditions that can lead to hypothermia and how to be prepared as your best defense. This DVD outlines the warning signs of hypothermia, symptoms, treatment and prevention.

Wildfire - Are You Prepared?  35 min

All people living or working in forest areas are at risk from uncontrolled wildfires. Twenty five percent of fires are caused by lightening alone. Fire intensity is affected by fuel, weather, and topography. People have some control over fuel-loading around home and camp. Tips are
given on how to reduce risks to buildings. Phased fire plans are outlined as well. This video would be of interest to field workers in forested areas and persons who own or rent cottages or go camping in areas such as northern Ontario where wildfires are a risk. Produced by the Great Lakes Forest Fire Compact.

**Food Services Safety**

*Food Services Safety*
*22 min*

This video looks at the basics of safe food services practices, with the objective of creating awareness to the hazards and dangers that exist in the food services area. Subjects covered include burns and scalds, slips and falls, cuts and lacerations, repetitive strain injuries. This video will benefit those working in the food services industry, including cooks, prep staff, waiter/waitresses, banquet workers, room service attendants and dishwashers. Produced by Tourism and Hospitality Industry Health and Safety Education Program.

**General Laboratory Safety**

*Academic Environment Lab Safety for Universities*
*28 min*

Training, engineering controls, personal protective equipment and chemical hazards are covered with an emphasis on laboratories in the learning environment.

*Autoclave Safety for Universities*
*10 min*

A brief introduction to steam autoclaves including limitations, loading and safe use. A short test is also available.

*Centrifugation Hazards*
*9 min*

Centrifugation isn’t as simple as it appears and requires a series of choices critical to both safety and effectiveness. This video will review proper techniques, safe work practices and the importance of maintaining written records.

*Chemical Fume Hoods*
*7 min*

An introduction to the types, characteristics, operation and use of Chemical Fume Hoods. This video is intended for individuals who work with hazardous material.

*Chemical Fume Hood Safety*
*12 min*

This DVD discusses and illustrates the safe operation and limitations of the chemical hood, good lab practices, and how to confirm the chemical hood is operating properly.
**Chemical Hazards**  
10 min

This video promotes chemical safety. Phenol-chloroform extraction and ethanol precipitation are used to demonstrate the safety principles that apply to working with many of the hazardous chemicals found in the modern biology laboratory. This video will introduce new staff to good laboratory practices and provide a meaningful technical review in safety for the more experienced laboratory worker. Produced by Howard Hughes Medical Institute, 1995.

**Chemical Storage Hazards**  
11 min

Chemical storage requires more than putting bottles on shelves in alphabetical order. This video provides guidance for the prudent storage of chemicals used in the modern biology laboratory. Produced by Howard Hughes Medical Institute, 1995.

**Chemical Spill Procedures for Universities**  
15 min

This DVD provides a step-by-step overview of a chemical spill plan from chemical identification to clean up of the area and reporting.

**Emergency Response**  
12 min

No one intends to have an accident: everyone should know how to respond to one. This video provides guidance for responding to emergencies in the modern biology laboratory. It will introduce new staff to appropriate emergency response procedures and provide a general emergency response for the more experienced laboratory worker. Produced by Howard Hughes Medical Institute.

**Formaldehyde Exposure Monitoring**  
21 min

This video discusses permissible exposure limits, exposure monitoring, sampling and calculating.

**General Lab Safety Practices**  
30 min

An introduction to laboratory hazards and how to work safely around these hazards. Produced by BDH Ltd.

**Glassware Washing Hazards**  
10 min

This video provides guidance for the safe washing and sterilization of laboratory glassware. It will introduce new staff to good laboratory practices and provide a meaningful technical review in safety for the more experienced laboratory worker.
**Practicing Safe Science**  
*29 min*

Filmed at Cold Spring Harbour Laboratories, this video highlights safe work procedures in the biomedical laboratory including use of acrylamide, ethidium bromide, and electrophoresis equipment. Assessment of risk in relation to short and long term effects of various procedures and hazardous materials is discussed. Actual laboratory accidents are reviewed to provide emphasis. While covering many topics of interest to all lab personnel, this video will be of particular interest to lab supervisors, technicians, and students working in the fields of molecular biology, biomedical sciences, and biochemistry. Produced by Howard Hughes Medical Institute, 1992.

**Road Signs to Safety-Hazard Communication in the Workplace**  
*30 min*

An in-depth discussion of information available on chemical reagent bottles and the material safety data sheets which accompany them. Produced by BDH Ltd.

**Safe Storage of Laboratory Chemicals**  
*30 min*

Many hazards are created by improper storage of laboratory chemicals. You will learn about compatibility groupings, compressed gas storage, the importance of inventories and regular inspection, and other topics related to chemical storage. Produced by BDH Ltd.

**Safety in the Research Laboratory**

This DVD is divided into segments and discusses hazards associated with centrifugation, chemicals, glass washing, mammalian cell cultures, radionuclides and x-ray diffractions. Emergency response and assessing risks of toxic chemicals are also covered.

**Science: Live to Tell About It**  
*11 min*

This video is an introduction to general laboratory safety and is suitable for both teaching and research laboratory orientation. Live-action. Produced by York University Faculty of Science, 1979.

**Groundskeeping/Landscape Safety**

**Groundskeeping: A Safety Orientation**  
*11 min*

An overview of safety legislation, obligations of employees and supervisors, fuel hazards, machine hazards, and noise for persons in the landscape industry. Live Action. Produced by College, University, and School Safety Council with the Workers' Compensation Board.
Hazardous Materials

Assessing Risks of Toxic Chemicals
11 min

This video provides guidance for assessing risks of toxic chemicals used in the modern biology laboratory. Produced by Howard Hughes Medical Institute, 1997.

Compressed Gas Fire
4 min

Vivid illustration of an unlabelled gas cylinder explosion.

Cryogenics/Compressed Gas Safety for Universities
28 min

This DVD provides an overview of safety procedures for handling, containment, transfer and storage of atmospheric gases and cryogenic liquid. Hazards of pressure build up and preventing chemical poisoning are discussed. Confined space and flammable hazards associated with combustibles and non-combustibles, control of contamination, PPE and handling equipment and materials are also covered.

Cryogenics, Know the Basics
15 min

A short introduction to liquefied gases, aimed primarily at industry. Produced by Linde Division of Union Carbide.

Ethylene Oxide
25 min

Guidelines for the safe use of ethylene oxide gas.

Gastec System

Instructions on the use of the Gastec pump and tubes in performing a gas test.

Hazards of Liquefied and Compressed Gases
23 min

Compressed and liquefied gases present many hazards if used improperly. Viewers will learn about physical hazards such as valve failure of cylinders and the extreme cold presented by cryogenics as well as the chemical hazards of corrosive, toxic, and flammable gases. Proper storage and transport is also discussed. Produced by Big Three Industries, Inc. 1985.
How to Care for Your Propane Appliance
15 min

This live-action video explains how to clean and maintain your propane BBQ. It also explains the safe storage and use of the propane cylinder. It is suitable for general audiences; no technical knowledge is required. Produced by the Industrial Accident Prevention Association.

How to Handle Flammable Liquids Safely
19 min

In this live-action video, various flammable solvent containers are demonstrated and safe practices are outlined. Produced by Justrite Manufacturing.

Introduction to Reactive and Explosive Materials
23 min

Laboratory simulations of dangerous reactions are graphically illustrated in this live-action video. Viewers will gain new respect for commonly used chemicals which are dangerously reactive. Produced by Hazard Productions Inc. 1989.

Material Safety Data Sheets (MSDS)
9 min

The MSDS is a widely used inventory of chemical compounds. Physical properties of these chemicals, related health effects, PPE, first aid treatment and responding to accidents are covered in this DVD.

Oxidizers: Identification, Properties, and Safe Handling
60 min

While targeted at first responders to accidents, lab personnel can gain valuable knowledge on the hazards of oxidizing materials such as peroxides and nitrates. Film clips of actual accidents add impact. A study guide is available. Produced by the Chemical Manufacturer's Association.

Poisons: Identification, Toxicity, and Safe Handling
60 min

The first half of this live-action presentation gives general information on poisons including dose response, LD50 and other technical terms. The latter half is designed for first responders but laboratory personnel may find the material of some interest. A short study guide is available. Produced by the Chemical Manufacturer's Association.

Reducing the Risks of PCB’s
20 min

The uses of PCB's, problems arising from their use, and restrictions on their use are outlined. Produced by the Environmental Protection Agency, USA.
Safe Handling and Storage of Compressed Gases
28 min

This program covers three areas of compressed gas safety: the processes the supplier uses before shipping the gas, transport requirements, and an explanation of cylinder sizes and types; storage, handling and use practices; and special handling procedures for each type of gas as well as emergency procedures. The film includes simulations of rupturing and exploding cylinders. Produced by the Compressed Gas Association, 1992.

The Facts About Asbestos in Buildings
11 min

Asbestos is a natural product with unique properties found in many modern products. Various levels of risk are discussed as well as government requirements for managing buildings which contain asbestos. Inventories, regular inspections, and maintenance are important components of the asbestos management program. Script similar to video "Asbestos in School Buildings". Produced by the Ontario Ministry of Labour, 1990.

The Invisible Enemy
18 min

This live-action video illustrates the dangerous nature of commonly used solvents and shows how proper use of solvents prevents fires. Produced by Justrite Manufacturing.

Hazardous Materials Incident Response

Community Challenge: Hazardous Materials Response and the Emergency Medical System
60 min

Handling casualties contaminated with hazardous materials presents special challenges to emergency medical personnel. This video takes viewers through the response process from first responders to the hospital emergency room. Produced by US Public Health Services, Centre for Disease Control Agency for Toxic Substances Disease Registry, 1992.

Critical Safety Incidents
15 min

This video explains the history of an inappropriate fire emergency response in a chemistry laboratory at the University of Victoria. Produced by the University of Victoria, 1996.

First on the Scene
32 min

First responders to transportation accidents must use caution when approaching an area when hazardous materials are involved. Viewers of this live-action tape will learn how to identify the materials from placards and shipping documents, how to approach the scene, how to stabilize the incident, and where to obtain expert help. This program is suitable for fire officers, police and ambulance personnel. The program may be shown in conjunction with the "Teamwork"
video below. Produced by the Chemical Manufacturer's Association, 1984. A discussion guide and handbook on personal protective equipment are available.

**Safety Teamwork – Safe Handling of a Hazardous Materials Incident**

*37 min*

Response to hazardous materials incidents requires adequate pre-planning. This program stresses the need for establishing a chain-of-command, dealing with the media, obtaining assistance, and critiquing the handling of the incident afterwards. A leaking tanker truck is used as an example. The program is most suitable for fire officers, police, and ambulance personnel. Produced by the Chemical Manufacturer's Association. A short discussion guide is available.

### Machinery

**Forklift Safety: Basic Orientation**

*13 min*

This orientation video covers types of lift trucks and common hazards found, controls and features typically found on lift trucks, how lift trucks work and what to do before you drive.

**Forklift Safety: Best Operating Practices**

*14 min*

This video covers safe lift truck driving skills, how to work safely around people, handling loads and common driving hazards.

**Forklift Safety: Refueling Procedures**

*11 min*

Lift truck re-fuelling safety procedures are reviewed for electric and fuel-powered trucks plus preventative maintenance tips are discussed.

**It’s Time to Talk About Forklift Safety**

*7 min*

This video, developed by Toyota, demonstrates the features of the SAS lift truck vs. the standard trucks. The SAS was developed to improve over-all safety of the lift truck. Improvements include over-riding operator error, rear axle locks to prevent tipping and high mounted rear combination lights. Professional drivers provide safety demonstrations.

### Miscellaneous

**Sick Building Syndrome (SBS)**

*60 min*

Taped from a NOVA program, this video informs about the typical “sick building” syndromes and describes the multiple factors that can cause it. The nature of the contributing factors can be very diverse: chemical, biological, thermal, acoustic, lighting, etc.; each of them is briefly
discussed. Interesting, real-life cases of the SBS are described that illustrate different causes of the problem and show the different ways for its elimination.

*Principles of Accident Investigation*
*7 min*

This video covers what defines an accident, contributing factors, the investigation team, the strategy of the investigation process and the evaluation of the accident.

*The Business Case for Workplace Health and Safety*

This video shows how a business can succeed financially by avoiding losses to its most important investment – employees.

*The Competitive Edge: Waste Reduction for Industry*
*20 min*

A discussion on the advantages of waste reduction and recycling for industry. Produced by the Ontario Waste Management Corporation.

**Personal Protective Equipment**

*3M Respirators*
*54 min*

Good, detailed instructions on the use of 3M respirators, both filter mask and cartridge type. The tape is divided into segments dealing specifically with the various types of respirators. For each type video provides instructions on the fit test procedure and proper respirator maintenance. The relevant segments of this video should be shown to employees during the respiratory protection training offered to the first-time respirator users and during the retraining program. Produced by Audio-Visual Communications - 3M Innovation.

*Animated Guide to Respirator Protection*
*14 min*

This video discusses contaminants, oxygen deficiency and temperature extremes. The physiological components of the respiratory system are introduced. Identifying hazards, PPE and fit testing and training are also covered.

*Eye Care: About Eye Safety*
*16 min*

Most of us take for granted how much we rely on our eyes. Unfortunately, it sometimes takes an injury or a change in our vision to remind us that our eyes are not only extraordinary but irreplaceable. This video covers eight rules that are critical to eye safety. Produced by Bureau of Business Practice, 1991. A leader’s Guide is available.
Eye Safety  
5 min

There are over 90,000 disabling workplace eye injuries each year. Most could be prevented with proper selection and use of eye protection. This motivational video program stresses the importance of eye protection by showing workers common eye injuries and how to prevent them. A brief True or False Quiz is available. Produced by Valley Videos, Inc.

Hand Safety  
5 min

Covers all common causes of hand injuries - Proper use of hand tools - Working with and round equipment and machinery - Blade and Knife safety - Pinch points. A brief True or False Quiz is available. Produced by Valley Videos, Inc.

Hearing  
5 min

Motivates workers to use proper hearing protection with live-action demonstration of the causes of hearing loss. A brief True or False Quiz is available. Produced by Valley Videos, Inc.

Hidden Hazards: Respiratory Protection for Welders  
9 min

A brief overview of the types of hazardous fumes that welders can encounter, health effects and symptoms of these and appropriate respirators and cartridges to protect against these hazards. A study guide is available. Live-action. Produced by 3M Corporation and the Workers’ Compensation Board, 1989.

Noise  
60 min

This series of five live-action videos discuss the hazards of noise both in the workplace and at home. Several varieties of hearing protection are shown. Produced by E.A.R. Corporation.

Respirators: Your TB Defense  
15 min

This video explains the spread of TB, the serious nature of multi-drug resistant TB, and the important of certified respirators in the protection of health care workers. Three types of respirators are illustrated, including limitations. Elements of a respirator program are also outlined. Produced by National Institute for Occupational Safety and Health, 2000.

Pesticides

Applicator Safety Training  
45 min

This program includes 10 area of training to protect the health of pesticide applicators, the public, and the environment. It covers labels, material safety data sheets, medical
considerations, emergency planning, training, and personal protective equipment. Suitable for persons with no experience with pesticides. Produced by MLG Productions, California, 1995.

First Aid for Pesticide Poisoning
15 min

Persons working with pesticides can be exposed by inhalation, ingestion, or skin contact. While not a substitute for a full first aid course, this video gives a good overview of the appropriate first aid responses to a variety of accidental exposures. Prevention and good hygiene practices are also emphasized. Produced by Ridgetown College, 1990.

Handcan/Backpack Sprayer Calibration and Use
30 min

This program demonstrates the construction of these sprayers and how to calibrate them including mathematical calculations. Produced by MLG Productions, California, 1995.

How to Control and Clean Up a Pesticide Spill
40 min

This tape outlines the steps involved to handle both powdered and liquid pesticide spills. Produced by MLG Production, California, 1995.

How to Use a Respirator and Setting up a Respirator Protection Program
45 min

This program examines various types of respirators and their care. Suitable for supervisors setting up a respiratory protection program. Produced by MLG Productions, California 1995.

Pesticide Fire and Spill Procedures
14 min

Outlines pre-emergency planning and gives step-by-step emergency procedures for fires and powder and liquid spills. Produced by the University of Guelph.

Pesticide Poisoning
18 min

Includes data on the incidence of pesticide poisoning in Ontario. Describes how to recognize the symptoms of pesticide poisoning, the first aid procedures to follow when a poisoning occurs and the characteristics of major pesticide chemical families. Features an interview with Dr. M. McGuigan, Director of the Poison Information Centre at Toronto's Hospital for Sick Children. Produced by the University of Guelph.

Pesticide Safety in the Greenhouse
12 min

Greenhouses require somewhat different precautions than open fields when applying pesticides. Mixing of pesticides, application techniques, and use of personal protective equipment are explained. Public health and safety is also outlined. Produced by Ridgetown College of Agricultural Technology, 1988.
Protective Clothing and Equipment for Pesticide Use

Pesticide applicators are routinely exposed to chemicals. Reviews the protective clothing and equipment available to reduce exposure; points out safe handling precautions to follow. Explains how to choose the proper protective clothing and equipment for different chemical applications and how to achieve maximum protection. Produced by the University of Guelph.

Transportation of Pesticides in Ontario
10 min

Growers who use large quantities of pesticides must be knowledgeable of transport regulations governing pesticides. These regulations are designed to protect the public, provide consistent information to emergency responders, and outline how to package pesticides properly for transport. After viewing this video, growers will have a better understanding of the sign and documentation requirements for road transport of these products. Produced by Ridgetown College for OMAFRA, 1991.

Radiation Safety

Hospital Emergency Department Response to Radiation Accidents
25 min

This tape covers the basic principles of medical and nursing care for radiation accident victims in the hospital emergency department. The material is presented in the form of a case study and discusses organization of the response team, patient reception, contamination control and post emergency activities. A Study Guide is available. Produced by Oak Ridge Associated Universities, 1984.

Mastering Light
20 min

Lasers are an essential component of the modern industrial, medical, and research environments. This general introduction to lasers describes how lasers work, hazards of lasers, and basic safety precautions. Classes of lasers are also described and protective eyewear is discussed in some detail. Produced by Coherent Inc., Palo Alto, California, 1988.

Pre-hospital Management of Radiation Accidents
25 min

This tape covers the basic principles used in rescue and emergency medical care of radiation accident victims. Several case studies are presented emphasizing recommended procedures to be followed including rescuing and giving emergency medical care, transporting casualties, and post-emergency activities. A Study Guide is available. Produced by Oak Ridge Associated Universities, 1984.
Radiation and Our Environment
21 min

Realizing that there is much misunderstanding and misconception about radiation, the Atomic Energy Control Board offers this video which in plain language explains the nature of radiation, its sources, uses, and health implications. This video is intended for general audiences, but may serve as a basic employee training resource.

Radiation Safety – Series 1: Introduction
15 min

A general overview of the properties of ionizing radiation, radiation risks, and isotopes commonly used in university research laboratories. Produced by Indiana University.

Radiation Safety – Series 2: Laboratory Techniques
15 min

How to handle isotopes in the lab using common techniques such as pipetting and weighing. Use of personal protective equipment and monitoring procedures are emphasized. Produced by Indiana University.

Radiation Safety – Series 3: Emergency Procedures
11 min

How to plan for accidents, clean up small spills, decontaminate areas and ensure areas are safe for re-entry.

Radionuclide Hazards
12 min

This video promotes radiation safety. Radon primer labeling for southern hybridization is used to demonstrate the safety principles that apply to the use of radioisotopes in the modern biology laboratory. This video will introduce new staff to good laboratory practices and provide a meaningful technical review in safety for the more experiences laboratory worker.

University Laser Safety
19 min

Guidance on the safe use of lasers and classifications discussed. Continuous wave and pulse lasers are featured in this DVD. Proper signage, protective housing of lasers and PPE is also covered.

X-ray Diffraction Hazards
9 min

This video provides guidance for the safe operation of low energy x-ray diffraction machines used by structural biologist. It is intended to supplement the formal instruction provided in each institution and each laboratory. This video is not a substitute for a safety training program.
The spin-off benefits from having a solid workplace health and safety system are credited in part with this company’s global success. “It ultimately ends up in better communications within the corporation as a whole,” says Jim Lotimer, Lotek’s President. “And teams work better than individuals. Health and safety helps you work in teams … The reality is that quality people in quality environments produce quality products.”

### Due Diligence

70 min.

A video which discusses the concepts of Due Diligence and is divided into five parts: The Fundamentals; Unpacking the Duties; What Does “Due Diligence” Really Mean”; The OHS System -- The Tools for Due Diligence; and Auditing Your OHS System. This video will be of interest to managers and supervisors. Produced by Ryerson University.

**Due Diligence - Peter Strahlendorff**

This is a video of a talk on due diligence delivered at the Ontario Veterinary College by Dr. Peter Strahlendorff, Ryerson University.

### First 4 Weeks

This Video/DVD set is an interactive health and safety orientation and training kit designed for the new worker. Produced by the Industrial Accident Prevention Association (IAPA).

### Identify and Reduce Safety Risks on Your Campus

The goal of this video is to provide an overview of slip and fall accident prevention. It is also intended to be used as a training aid to introduce risk management/safety concepts to employees.

### Implementing Risk Communication: Overcoming the Barriers

75 min

Peter Sandman explains barriers to implementing risk communication strategies: cognitive barriers, organizational barriers, and psychological barriers. The tape then discusses ways to overcome these barriers. This tape would be of interest to those who must communicate risk with those who are not experts in the particular field in question. Produced by the American Industrial Hygiene Association, 1994. A written guide to the tape is available.

### Quantitative Risk Communication: Explaining the Data

87 min

Peter Sandman believes that explaining risk data depends more on the audience than on the source’s ability to explain, i.e., people will seek out data to support their point of view. This tape
offers guidelines for simplifying language, graphics, and information when presenting complex data to a lay audience. He also discusses orienting the audience without making value judgments. This tape would be of interest to those who must communicate risk with those who are not experts in the particular field in question. Produced by the American Industrial Hygiene Association, 1994. A written guide to the tape is available.

**Risk=Hazard+Outrage – A Formula for Effective Risk Communication**

110 min

A classic program, Peter Sandman discusses the principles of “risk” as the sum of “hazard” (e.g. death) and “outrage”, perceptions of risk by the public, and how to educate others including the public on hazards. Twenty components of “outrage” are discussed. This video would be of interest to those who must communicate risk with those who are not experts in the particular field in question. Produced by the American Industrial Hygiene Association, 1991. A written guide to the video is available.

**Students In The Workplace - Fifth Estate**

24 min

Students are three times more likely to be injured on the job than an adult. Sometimes it’s the worker’s fault, but often fatal accidents occur because the company ignores fundamental safety rules. This video focuses on three young men who are killed on the job. Employers are blaming young workers for lack of attention and lack of care even though students are asked to work long hours, are placed in dangerous situations, and not cautioned of safety hazards. This video is a reminder to employers that they are responsible for their young workers and students have a legal right to refuse work if they are placing themselves in a dangerous situation. Produced by CBC.

**The Cost of Accidents**

12 min

This film shows that the safety of ourselves and those around us at work, home or leisure ultimately all depends on the decisions that we make as individuals. The main message is, before we act, STOP and THINK for a few seconds about the consequences of our decision. A re-enactment of a construction accident emphasizes this message.

**Young Worker Awareness – Things You’d Better Know**

10 min

Narrated by Marisa Ellis, whose brother David was killed on his second day at work, this video details the rights and responsibilities of young workers. It also features testimonials about the effects of workplace tragedies. Produced by the Created Services Video Unit for the WSIB Prevention Division.

**Young Worker Awareness – Work Smart, Work Safe**

Sprains and strains make up half the injuries in the workplace today. This DVD is interactive with the opportunity to navigate through a series of question and answer segments on real-life workplace injuries, prevention and safety tips.
Safety Committees

**How to Lead Successful Discussions**

*25 min*

This video focuses on how to generate ideas and explore issues in details. The tape is suitable for persons who chair committees, lead focus groups, manage projects that require input from several people or groups, or train adults, whether at work or in volunteer activities. “Hum” groups “Buzz” groups, and brainstorming explained as well as “Tick Boxes”. Produced by Ontario Agricultural Training Institute.

**How to Run a Successful Meeting - in Half the Time**

*13 min*

This humourous video opens with a meeting that’s out of control: the leader likes the sound of his own voice, participants are reporting on a new source for coffee filters … it’s crazy … yet it rings true. If your department has too many meetings – and they run on too long – use this tape as a fun meeting opener. Viewers will get the message, and pick up actionable tips. Produced by Kantola Productions, Mill Valley, California 1995. Closed captioned.

**So It Won’t Happen Again**

*15 min*

So It Won’t Happen Again contributes to preventing workplace accidents. The film follows a novice investigator as he learns the techniques of effective accident investigation from an experienced member of the employees’ health and safety committee. Produced by the National Film Board of Canada, 1994.

**Too Close for Comfort, Near Miss Reporting and Investigations**

*13 min*

Produced by Workwell Training Video.

Safety Motivation and Attitude

**Remember Charlie**

*56 min*

Not just a title, but a call to action, *Remember Charlie* captures the audience with a common language (“Accidents don’t happen to me. Accidents happen to someone else.”). A motivating storyteller, Charlie Morecraft recreates his near-fatal accident in engaging detail. Charlie drives home the importance of following safety procedures. Everyone wakes-up to the high cost of an accident, not only to themselves, but to their family. Seldom are people confronted by real consequences of an abuse in safety practices. If you “Remember Charlie”, you’ll remember to follow safety procedures. Produced by Phoenix Safety Management.
Safety – Everyone’s Responsibility
48 min

Safety - Everyone’s Responsibility! Is the powerful follow-up to Remember Charlie. This presentation highly motivates workers and management to work as a team and not as adversaries, ultimately creating a safer work environment. He defines the real working heroes - the ones who follow safety procedures. Through his dynamic presence, Charlie motivates audience members to take responsibility for their own actions and their own safety, because what we do affects the lives of everyone around us. Produced by Phoenix Safety Management.

Violence in the Workplace

Defusing Hostility
45 min

This video discusses skills on how to defuse potentially violent situations. Informal discussions and role playing are ways the video illustrates techniques used to disarm an angry situation. The video breaks down hostility in four areas; non verbal, verbal, acting out behaviour, telephone hostility and personal aggression. For those interested in learning how to increase your control in an hostile situation this video is well recommended. We need to learn to defuse ourselves before we can defuse others.

Maintaining a Harassment Free Office – Employees
20 min

Workplace Harassment is an issue no organization can afford to ignore. The consequences of workplace harassment can be low productivity & morale, high turnover of staff, poor customer service and costly legal actions. Training of employees can minimize the risk of harassment occurring in your organization, it is essential that all employees understand when workplace behavior is unacceptable and the appropriate steps to take if harassment does occur.

Raising Awareness of Violence in the Workplace

This video identifies what workplace violence is and common settings where it is found. Short enactments focus on physical and verbal abuse in office settings, warehouses, public service and health care settings.

Violence on the Job
27 min

This DVD covers practical measures for identifying risk factors for violence at work and taking strategic action to keep employees safe. Based on extensive NIOSH research, and supplemented with information from other authoritative sources.
WHMIS

WHMIS Video Primer
27 min

The goal of this program is to generate respect, not fear of hazardous products. Viewers will understand and appreciate WHMIS information by learning where to find it and how to use it. The video is divided into three sections. Part one examines supplier and workplace labels. Part two looks at the Material Safety Data Sheet (MSDS). And part three brings everything together by examining the WHMIS label and MSDS for unleaded gasoline. Produced by TVI video, 1990.

WHMIS – What’s Wrong With This Picture
12 min

This training video outlines chemical exposures and their routes of entry, colour coding, labeling and hazardous symbols and covers the MSDS sheets in detail.

Woodlots and Logging

Improved Hardwood Utilization
Part 1 - Introduction
19 min

The Hardwood industry in Ontario is a billion dollar endeavour that employs more than 150,000 people. Legislation concerned with the forest resources and wasteful practices such as lodged trees and high stumps is discussed. Hardwood resources are limited; the importance of full use of each log with secondary markets in mind is emphasized. The target audience for this tape is the logging and lumber industry.

Part 2 - Felling
19 min

Poor technique in felling of logs is not only extremely wasteful of wood products, but can also be very hazardous to the logger. Viewers will learn about escape routes, proper notching of trees, directional felling, leaners, and other logging techniques. This program is appropriate for loggers and woodlot owners.

Part 3 - Skidding
12 min

Trail layout, landing areas, and roads are considered in this program. Environmental protection and skidder operator safety are highlighted. This tape would be of interest to loggers and woodlot owners.
Part 4 - Bucking
26 min

Creating useful logs from felled trees requires judgment and skill to maximize tree value. Tree stress factors such as top bind are explained and methods to handle these stresses safely while preserving log value are outlined. Placement of cuts is very important to maximize value. This program would be of interest to loggers and woodlot owners.

Part 5 - Processing
23 min

After reviewing some historic sawmills, modern processing plants are shown including veneer, plywood, and lumber mills. Advantages of bandsaws over circular saws in terms of waste reduction are discussed. Even small pieces can be utilized for such products as tool handles or dowels. This program would be of interest to mill owners. Produced by the Ministry of Natural Resources and the Forest Products Accident Prevention Association, 1986. A companion booklet to the series is available.

Workplace Procedures and Hazardous Conditions

Asbestos
19 min

Produced by Electrolab Training Systems.

Asbestos Awareness
11 min

Asbestos becomes a danger when asbestos fibers are released into the air and you breathe them in. By following safe work practices and good housekeeping, and by reporting any damage or disturbance to asbestos containing materials, you can prevent your exposure. This DVD provides the viewer with an awareness of asbestos, its health effects and what can be done to prevent exposure.

Confined Space
13 min

This video outlines confined space safety procedures including pre-planning, assessing hazardous conditions, personal protective equipment, testing for toxicity and oxygen levels, surveying the space, emergency procedures and monitoring.

Confined Space (Danger Within)
22 min

This video is designed principally to train employees in safe confined space entry procedures. It steps sequentially through the importance of adhering to all confined space policies and procedures. This safe entry procedure can be applied to any confined space. Recognizing the potential hazards of confined spaces, can mean the difference between life and death. This video spotlights the major threat to workers in confined spaces – a hazardous atmosphere.
Actions to reduce the life-threatening conditions are reviewed. Produced by Electrolab Training Systems.

*Hand Tool Safety in the Workplace*
28 min

There are many types of handtools available today. This video illustrates the variety of tools and the tasks for which they are designed. It also emphasizes the proper use of tools as well as safety hazards created when tools are used improperly. Produced by the Hand Tools Institute.

*Health and Safety in Your Workplace*
22 min

Nine segments about Occupational Health and Safety are reviewed including office ergonomics, noise, bloodborne pathogens, shiftwork, chemical hazards, ventilation, confined spaces and training.

*Job Hazard Analysis (What Employees Can Do)*
9 min

Every job or task that employees perform in the course of their workday involves potential hazards - unsafe conditions or actions that could result in accidents and injury. Workers may be able to prevent or correct such hazards by simply changing the way they perform their tasks. Performing a job hazard analysis beforehand can help them thoroughly analyse the ways in which they do their job, detect any hazards, and make any necessary changes before an accident occurs. This video will help you demonstrate the many benefits of conducting job hazard analyses. You will learn how to perform such safety audits and will be prepared to work more safely and effectively. Produced by Bureau of Business Practice, 1995. A Leader’s guide is available.

*Ladders and Scaffolds*
45 minutes

This is a video training program designed to reduce the risks of accidents associated with the use of ladders and scaffolds. The program reviews the various types of ladders and scaffolds, examines their construction, discusses safe work practices for working on ladders and scaffolds and looks at the recommended maintenance and inspection procedures.

*Lockout Procedure*
5 min

This video outlines the steps necessary in any lockout procedure for equipment repair. Viewers will learn the importance of planning and communication before starting maintenance work. Various lockout methods are demonstrated such as chains, locks, and blocks. Produced by Safety Care Inc., 1989.
Machine Shop Safety  
20 min

This program explains how to work safely in a machine shop. It includes a discussion of the importance of dressing properly and using the correct personal protective equipment. In addition, it explains the importance of maintaining a clean, well-lighted work area; of recognizing and avoiding mechanical, electrical and chemical hazards; and of consistently following correct work practices.

Office Health and Safety  
10 min

This video focuses on health and safety in the office. Material covers emergency procedures, equipment hazards, back injury prevention, hazardous spills and ergonomics.

Office Health and Safety (Too Close for Comfort)  
13 min

Offices have workplace hazards that people sometimes overlook. Such hazards as housekeeping, electrical devices, sharp objects, and hazardous materials are noted. Emergency procedures are discussed as well. Viewers will also learn about ergonomic and lifting hazards. Produced by Workwell Training Videos, 1999.

Permit-Required Confined Space Entry  
12 min

Typical permit-required confined spaces include, but are not limited to, storage tanks, process vessels, bins, boilers, heating, cooling or exhaust ducts, sewers, underground utility vaults, pipelines, and open top spaces more than 4 feet deep such as wells, tubs and vaults. This DVD outlines confined space hazards, procedures and how to fill out a permit, training required to enter a confined space safely and emergency procedures.

Power Tool Principles  
27 min

If you are new to woodworking, this video is a valuable introduction to the mentality behind safe operating techniques, an approach to power tools that comes from healthy respect for the machines. The tape creates an awareness for safety from the start. Power tools operate so quickly that no accident can be avoided once it starts - only prevented. The video covers table saws, radial arm saws, and band saws. Produced by Siege and Associates, 1988.

Safe Stacking and Storage  
13 min

When containers are stacked and stored incorrectly, everyone is put in danger. So even if stacking and storing isn’t the direct responsibility of every employee, knowing proper stacking and storing procedures is important for every person in your department. Why? By knowing the correct methods, employees will be able to recognize storage hazards and bring them to someone’s attention before they cause injury or damage. The “Safe Stacking and storage” video provides employees with the information they need to make the department safer for everyone. This video is appropriate for all employees: it is especially useful for employees
Many people who work in offices assume that on-the-job safety is not something they have to worry about. But did you know that of the many disabling injuries that occur in the workplace every year, many take place in offices? Unfortunately, the “it can’t happen here” attitude of many office employees only increases their chance of getting such job-related injuries. When people aren’t aware of the potential hazards that exist in their workplace, they may act carelessly, thereby increasing their chance of injury. The purpose of this humorous video is to make employees aware of the dangers that exist in the office and to point out how their present attitudes might be undermining their safety on the job. Produced by Bureau of Business Practice, 1992. A leader’s guide is available.

**Shock Proof: Qualified Employee**
**17 min**

Your skills and training as a qualified electrical employee sets you apart from your co-workers. While everyone in the plant works around electrically powered equipment, you are one of the few who are authorized to work with live electrical parts and systems. This DVD covers electrical hazards faced by qualified employees, safety procedures necessary to reduce your risk, best safety practices for working on or near live electricity including PPE.

**Shock Proof: Unqualified Employee**
**17 min**

Persons who have jobs that do not normally expose them to electrical hazards and do not have the proper training to work on or near exposed or unprotected energized electrical parts or systems are classified as ‘unqualified’. In this program you will learn why electricity is hazardous, common electrical hazards in your workplace, and how you can protect yourself from these hazards.

**Slips, Trips and Falls**
**5 min**

Prevent costly injuries due to Slips, Trips & Falls on stairs, ladders, wet surfaces and loading docks. Designed for factory office, home and construction. Produced by Valley Videos, Inc. A brief True or False Quiz is available.

**Slips, Trips, and Falls**
**6 min**

This short video summarizes the major causes of slips, trips, and falls which cause 30% of injuries in the workplace in Ontario. This film is suitable for all audiences and ages. An instructor’s guide, participant guide, and a set of overheads are available. Produced by the Educational Safety Association of Ontario, 2000.
**Speciality Gases**

*10 min*

Classification of gases and cylinder handling are covered.

**Stools and Ladders**

*3 min*

This short video outlines the basics for the safe use of ladders and stools. As many injuries occur because of falls from heights, it is especially important to know how to use such equipment properly. Produced by the Educational Safety Association of Ontario, 2000.

**Understanding Safety in the Office**

*20 min*

Every year thousands of office workers are involved in incidents and accidents that result in long term injuries. Poor health and safety practices can increase costs and decrease your organizations productivity. Potential hazards in the office can be avoided by taking simple precautions. Topics include office housekeeping, the workstation, and office security.