PROGRAM SYNOPSIS:
Eye injury prevention is one of the most basic and talked about topic in the entire safety field. Even though there is nothing magical about preventing eye injuries, you must take the initiative: think of the hazard, then take the appropriate action to prevent the hazard from causing an injury. Most eye injuries can be avoided if employees wear the proper protective devices for the job tasks they are performing.

This program uses graphic photographs of tragic eye injuries suffered in industrial settings to force viewers to think about the consequences of not wearing the required eye protection at all times. Topics include causes of eye injuries, wearing eye protection, eye diseases, optical examinations and emergency response to eye injuries.

SHOOTING LOCATION: Industrial facilities, medical offices, emergency rooms

INSTRUCTIONAL CONTENT:

CAUSES OF EYE INJURIES
- Studies show that three out of every five workers who have suffered eye injuries were not wearing eye protection at the time of the incident.
- Others wore the wrong kind of protection. Most injured workers were most likely to be wearing glasses with no side shields.
- Almost 70 percent of the eye injuries resulted from flying objects or sparks striking the eye.
- Contact with chemicals caused one-fifth of the injuries.
- Other injuries were caused by objects swinging from a fixed or attached position, such as tree limbs, ropes, chains or tools that were pulled into the eye while the worker was using them.

WEARING PROTECTION
- Always wear effective eye protection. About 94 percent of injuries to workers wearing eye protection resulted from objects or chemicals going around or under the protector.
- Only a small percentage of workers were injured while wearing eye protection report breakage of the equipment.
- Nearly one-fifth of injured workers with eye protection wore face shields or welding helmets.
- Only six percent of the injured workers wore goggles, which generally offer better protection for the eyes. Best protection is afforded when goggles are worn with face shields.
- Workers injured while not wearing protection often said they believed it was not required by the situation.
- Even though the vast majority of employers furnished eye protection at no cost to employees, about 40 percent of the workers received no information on where and what kind of eyewear should be used.
- Workers injured while not wearing protection often said they believed it was not required by the situation.
- Workers injured while not wearing protection often said they believed it was not required by the situation.
- Workers injured while not wearing protection often said they believed it was not required by the situation.
- Workers injured while not wearing protection often said they believed it was not required by the situation.

EYE DISEASES
- Eye examinations are recommended on at least an annual basis or anytime you believe that your vision has any type of symptoms or abnormality.
- Several diseases of the eye can be discovered upon examination and as you get older, your vision has a tendency to fail. This necessitates the need for glasses or other corrective procedures.
- Macular degeneration, cataracts, glaucoma, retinitis pigmentosa, cancer and other eye problems can be quite serious.
- According to Prevent Blindness America, twice as many people will blind by the year 2030 as there are today.
- Macular degeneration will continue to be the leading cause of blindness and there will be a near doubling of the total cases of glaucoma.
- No one wants his or her vision distorted or interrupted, so it’s up to you to have eye examinations that will determine if you have such diseases or other problems.
- Waiting until the vision becomes a major problem could result in loss of vision or permanent damage to your vision.
APPROVED PROTECTION

• When your eyes are exposed to hazards, prevention is the key. You prevent eye injuries by wearing approved personal protective equipment.
• When your employer purchases protective equipment, it must meet certain standards or it cannot be used.
• Prescription glasses are not approved safety glasses unless you specifically tell the optometrist that you must have industrial safety glasses.
• This means your prescription glasses will meet the rigid standards of safety glasses and the glasses will have a special mark on the lens identifying them as safety glasses. You cannot wear regular prescription lenses as safety glasses.

OTHER SAFETY TIPS

• All industrial eyeglasses must meet the ANSI Z87 Standard.
• Safety glasses with side shields are required if there is a danger of something striking the eye.
• Goggles fit the face snugly and are effective in sealing the entire eye area and protecting it from hazards like spatter, fumes and vapors.
• Face shields provide extra protection for extremely hazardous jobs.
• When removing your glasses after working around dust or debris, tilt your head forward and remove the glasses from the back of your head. This will keep debris from falling into your eyes.
• When using high-powered lasers, your eyes are exposed to non-ionizing radiation that can severely burn your retina and cornea.

EMERGENCY PROCEDURES FOR EYE INJURIES

• You should know what to do in an emergency before it happens. Following emergency procedures can help save your eyesight or that of a co-worker in the event of an accidental eye injury.
• If you get anything in your eye such as metal, dirt or dust particles, go to the nearest eyewash fountain or water source. Flush the eye with water until the object has been rinsed out.
• Do not rub your eye. This can scratch your eye or further embed the object. If the particle doesn’t rinse free, bandage your eye loosely and seek medical attention.
• If splashed by a chemical, go immediately to the nearest eyewash fountain or emergency shower. Look directly into the stream of water, hold your eyes open with your fingers and flush your eyes and face for a minimum of 15 minutes. If necessary, ask someone to assist you in seeking medical attention.
• If you are exposed to welding, laser or other radiant light without appropriate eyewear, you will probably not feel pain right away. After four to 12 hours, your eyes may feel gritty, sensitive to light, or may get red or swell. If this occurs keep your eyes closed to avoid irritation and seek medical attention.
• If your eye is cut, do not rub, press or wash the cut because this can cause further damage. Loosely bandage the injured eye and seek medical attention.
• If you receive a bump or blow to the eye, apply a cold compress for 15 minutes to reduce pain and swelling and get medical attention.