

WEEKLY SAFETY MEETING

FOR THE CONSTRUCTION INDUSTRY

SAFETY MEETING OUTLINES

Box 700, Frankfort, IL 60423

815-464-0200

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Week of 11/28/2022

Company Name _____ Job Name _____ Date _____

BELTS, CHAINS, & PULLEYS

Have you ever seen or worked with a person who was missing a fingertip, or even worse, a whole finger? Many of us probably have at one time or another. Belts, chains, and pulleys can take hold of your finger or hand in a split second, and before you know it you're on your way to get first aid or to the hospital. Belts, chains, and pulleys are common in construction. In today's safety meeting we'll discuss some of the dangers of these devices and some things you can do to avoid being injured.

Belts, chains, and pulleys run off moving shafts and are designed to transfer power from one point to another. Many times they are transferring a lot of power, so ripping off part of your body won't even slow down the machine. **You have to be careful.** These devices should always be guarded when they are moving. When you are working around them, make sure the guards are in place and operating properly. Keep fingers, hands, and other body parts in the safe zone and out of harm's way. **Never** disable, block, or work around a guard!

Most guards are designed to keep your fingers and hands away from the belt, chain, pulley, or other device. Other objects might get past the guard. It is very important to keep loose or long sleeves, long hair, frayed fabric, hoods, jewelry, scarves, and drawstrings far away from these moving parts. This may mean rolling up your sleeves, tying back your hair, and removing jewelry.

What about when you have to repair or work on the equipment? Assess the hazards before you begin; then take precautions, starting with the lockout/tagout procedure. Lock out the system and isolate all energy sources **before** you remove any guards or safety devices. Take special care to isolate or remove any sources of stored energy or force. Stored energy is particularly dangerous if you are clearing a jam of some sort. It could be in the form of tension in a belt, the compression of the jammed materials, or even the compressed gases behind the piston in an engine.

You must develop and practice safe habits when working on or with this type of equipment. Accidental entanglement in moving parts has caused many disabling, disfiguring, and even fatal accidents. Have respect for belts, chains, and pulleys and the guards that help protect you. If you have a question about them ask your supervisor.

When working around moving machinery

SAFETY REMINDER

keep your mind on your job. Day dreaming, carelessness, and horseplay have no place in this environment.

Special Topics For Your Project _____

Employee Safety Recommendations _____

Reviewed MSDS # _____ Subject _____

Meeting Attended By _____

Supervisor's Signature _____