CARPENTERS and FRAMERS This SURVIVAL GUIDE is designed to promote awareness of safe work practices for CARPENTERS and FRAMERS. Please call 1-800-963-9424 for other trade-specific publications.





What will happen to your family and your lifestyle if you get injured and can't work? What will you lose if you get injured?

- Your salary
- Your quality of life
- Your job advancement
- Future job opportunities

AVOID THE PAIN & COST OF AN INJURY

What Makes You Hurt?

There are certain things in your job that can lead to fatigue, discomfort, or pain when you do them repeatedly or without breaks. These are:

- Performing the same or similar movement over and over without breaks, rest, or time for recovery.
- Exerting force to perform a task or to use a tool.
- Working in awkward positions such as bending, stooping, twisting, and overhead reaching.
- Remaining in the same position for a long time with little or no movement.
- Continuous pressure from a hard surface or edge on any part of the body.
- Working in extreme temperatures, such a climate or those produced by equipment or machines.
- Sitting on, standing on, or holding equipment that vibrates.

In addition, stressful conditions can increase muscle tension and reduce awareness of proper work technique.

njuries:
21%
15%
7%





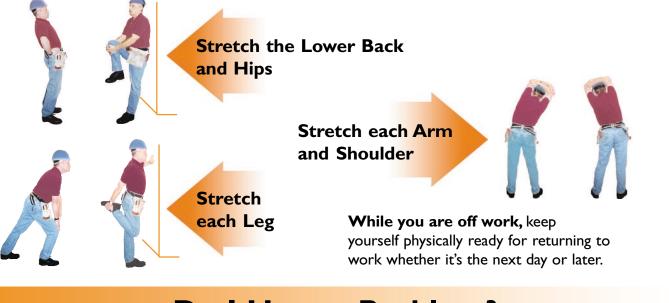


Prepare Yourself for Work

Just as a runner prepares for an athletic event by warming up, you would be wise to prepare for your work day by stretching and doing exercises.

- Stretch a few minutes before and during your work day.
- Stretch S-L-O-W-L-Y and hold each stretch 3 5 seconds.

Caution: If you have any pre-existing conditions, check with your doctor before exercising. If you feel discomfort while exercising, stop immediately!



Do I Have a Problem?

You may, if you have any of these symptoms: Continual fatigue or lack of endurance . Tingling Cold hands, particularly in the fingertips Weakness Changes in the skin color of your hands or fingers Loss of sensation Swelling Aching, burning, or shooting pain Numbness • Where? Shoulders Neck Back Arms **Knees** Hands Fingers

If you experience symptoms, you must change the way you work or the tools you use. If you don't change, your symptoms may get worse and keep you from working at all.

What Should I Do?

- Don't ignore your symptoms. Bring them to your supervisor's attention right away.
- Follow your company's ergonomic program and Injury and Illness Prevention Program.
- Work with your foreman or supervisor to identify the cause of the problem.
- Always seek better ways to do your job.

THE WRONG WAY

THE SAFER WAY



Working in a bent or stooped posture for a long time may cause fatigue and strain your lower back, neck, and shoulders.







- Change positions (sit or kneel with knee pads) when working at or near ground level.
- Alternate bending with non-bending tasks.



Lifting or carrying loads that are too heavy may cause a serious back injury.







- Use teamwork and plan lifts to coordinate movements.
- Use a cart to transport materials.



Working overhead and reaching for long periods of time may lead to lower back, arm, shoulders, and neck injuries.







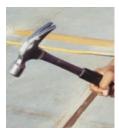
- Use a ladder, scaffold, or scissor lift.
- Stay close to the work.
- Use lighter-weight tools.

Make It Easy on Yourself



LIGHTEN YOUR LOAD.

Plan what you are going to do. Carry only the tools or equipment you will need. Wear a tool belt that fits and distribute the tools and materials evenly.



SELECT THE RIGHT TOOL.

Light weight tools, such as titanium hammers, can help reduce fatigue and increase productivity. Choose tools that fit your hand and the task.





PROTECT YOURSELF.

Avoid prolonged contact with hard surfaces and sharp edges. Wear knee pads, gloves, shoulder pads, or cushioned insoles in your shoes for comfort and protection.

KNOW YOUR SURROUNDINGS. Pay attention and watch for others working near you, behind and above you. Be aware of the tools they are using.



PRACTICE GOOD HOUSEKEEPING. Pick up debris and scrap wood to prevent trips, slips, and falls. Use gloves to protect your hands. Bend exposed nails to prevent puncture wounds. Good housekeeping allows you and your equipment to get closer to your work.

"Tool safety is important because you can hurt yourself permanently and never work again... or you will have to find another type of work that you don't like doing" Bill H.

Carrying a 10 lb. object that is 10" from your spine is equal to 100 **Ibs.** of force on your lower back.



KEEP THE LOAD CLOSE TO YOUR BODY

LIFT SMART: Keep loads close to your body. The farther the load is from your spine, the greater the force on your lower back.



Carrying a 10 lb. object that is 25" from your spine is equal to **250 lbs.** of force on your lower back.

AVOID HEAT ILLNESS:

- Start work early in the day. Avoid extreme heat.
- Wear light-colored and loose-fitting clothing.
- Take frequent breaks in the shade.
- Drink water frequently before, during, and even after work. Drink water even if you are not thirsty.

WHY?

Heat illness can cause fatigue, dizziness and painful muscle cramps.

Cal/OSHA CONSULTATION SERVICE RESEARCH AND EDUCATION UNIT

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ACKNOWLEDGMENTS

We thank the following people for their support and assistance in the research and development of this guide:

lim Albers - NIOSH Joanette Alpert - Woodward, Alpert & Associates Liz Arioto - Wentz Group RJ Banks - State Compensation Insurance Fund Bo Bradley - Harbison Mahony Higgins, Inc Ed Calderon - Shea Homes Leroy Cristopherson - Bolin Construction Mario Feletto - Cal/OSHA Research and Education Unit John Howard - NIOSH Ira Janowitz - UC Berkeley/ San Francisco Gene Kindy - KRC Builders Stephen Grennan, Jeff Schobel - Body Response, Inc Bill Hopkins - Sacramento Police/ Sheriff's Memorial Park Scott Schneider - Laborers' Health & Safety Fund of N. America Laura Stock - LOHP, UC Berkeley Corey Strack - Carpenters' Local Union 152 Marti Stroup - AGC California Susan Tingley - Ergonomics & Injury Prevention Services Samantha Turner - Swinerton, Inc Tom Waters - NIOSH

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