Injury Prevention

Individual Risk Factors & Control Methods

Mark Middlesworth



MSD Risk Factors

ERGONOMICRISK FACTORS

- FORCE
- REPETITION
- POSTURE

Over time, exposure to risk factors leads to MSD.

INDIVIDUAL RISK FACTORS

- POOR WORK PRACTICES
- POOR HEALTH PROFILE
- NO RECOGNITION OF EARLY

WARNING SIGNS





MSD Prevention Controls

ERGONOMIC CONTROLS

Identify and remove ergonomic risk factors.

Prevent MSDs by identifying and removing risk factors.

INDIVIDUAL CONTROLS

Identify and remove individual risk factors

PREVENT MSDs



Individual Risk Factors

Individual Risk Factors:

- 1. POOR WORK PRACTICES
- 2. POOR HEALTH PROFILE: HABITS, FITNESS, NUTRITION, HYDRATION, RECOVERY
- 3. NO RECOGNITION OF EARLY SIGNS AND SYMPTOMS OF MSDs



Individual Controls – The MSD Prevention Toolbox

- Employee Education and Training (Formal Classroom)
- Employee Education and Training (1-on-1)
- Early Intervention



Classroom Training Content:

- Proper Warm Up
- Proper Body Mechanics and Technique
- Good Health Habits: Fitness, Nutrition, Hydration, Recovery
- Early Signs and Symptoms of Musculoskeletal Disorders (MSDs)



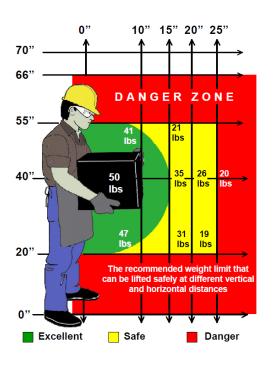
Proper Warm Up





Proper Body Mechanics







Good Health Habits – Fitness, Nutrition, Hydration, Recovery



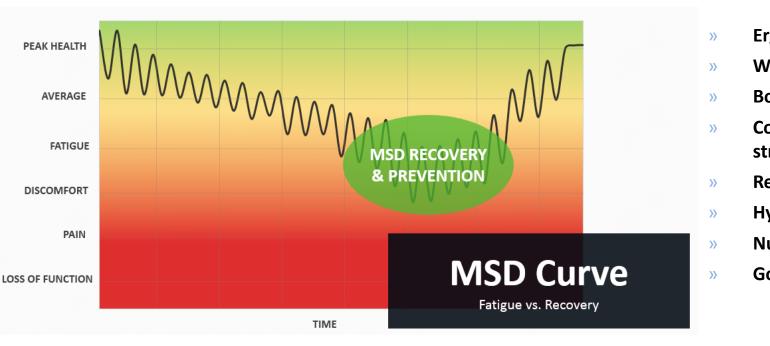


Recognizing Early Warning Signs





Recognizing Early Warning Signs



- **Ergonomics**
- Warm-up
- **Body mechanics**
- Counteractive stretching
- **Rest and recovery**
- **Hydration**
 - **Nutrition**
 - **Good health habits**



Early intervention is a proactive strategy designed to discover early warning signs of MSDs and prevent the early warning signs from developing into an injury.







Early Intervention Consultation with Kay

How it works:

When an early report is received, the onsite injury prevention specialist consults with the employee to review the MSD Prevention Toolbox materials and help the employee reverse early warning signs and prevent an injury from occurring.

The prevention specialist will also evaluate work tasks for ergonomic risk factors.

ALL risk factors (ergonomic and individual) are addressed through a proactive early intervention process.







How it works:

- » Ergonomics
- » Warm-up
- » Body mechanics
- » Counteractive stretching
- » Rest and recovery
- » Hydration
- » Nutrition
- » Good health habits







Get more ergonomics and injury prevention tips at Ergo-Plus.com.

Click the link below:

www.ergo-plus.com

