

MSD Hazards & Solutions FORCE

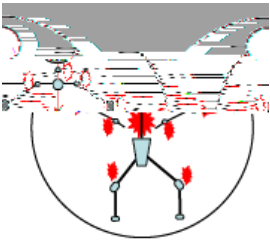


Lower Force

Good Posture

Less Repetition

Reduced MSD Risk



MSD Hazards & Solutions FORCE

Pushing / Pulling / Carrying Solutions



Use well-designed carts

Use a powered pusher

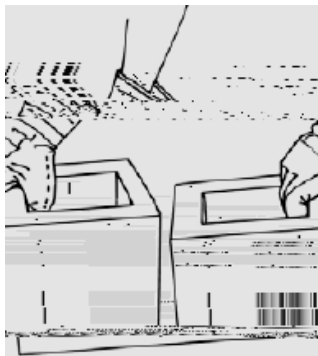
Use big wheels on carts/bins

Use dollies/carts

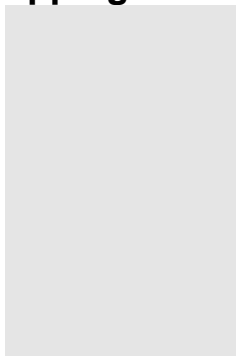
Use powered pallet jacks

Use conveyors to move materials

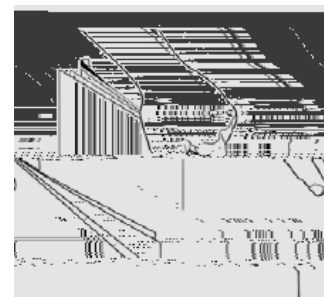
Gripping Hazards



Difficult Power Gripping

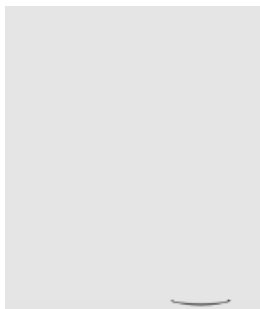


Difficult Pinch Gripping

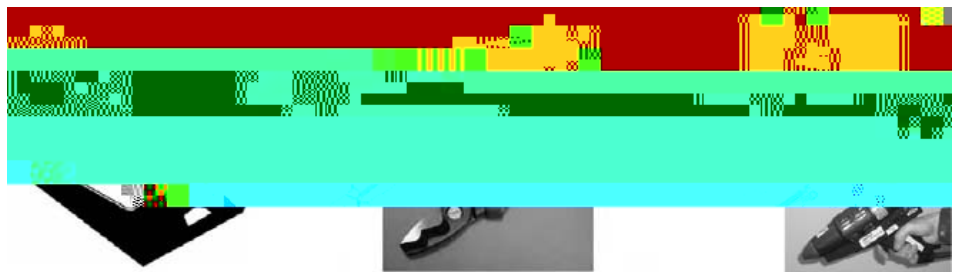


Difficult Pinch Gripping

Gripping Solutions



Use good power grips



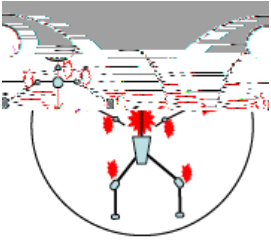
Use boxes with good handles



Use tools/equipment with good hand grips

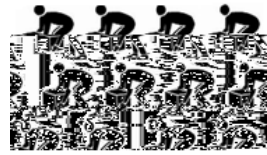
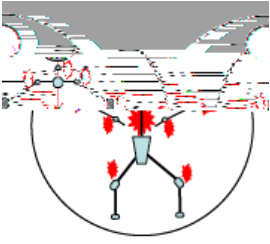


Use tool balancers for heavier hand tools



MSD Hazards & Solutions POSTURE





MSD Hazards & Solutions REPETITION

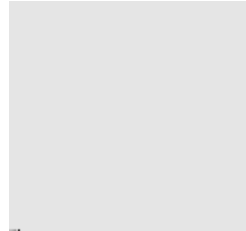
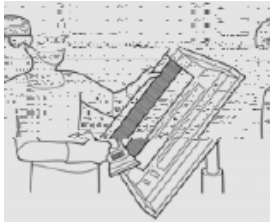
Repetitive Awkward Posture Solutions



Raise bins/use spring loaded inserts

Use height adjustable tables/carts

Use height adjustable work platforms



Tilt work up to reduce reaching

Use well-designed document holders

Repetitive Material Handling Hazards



Repetitive lifting and carrying

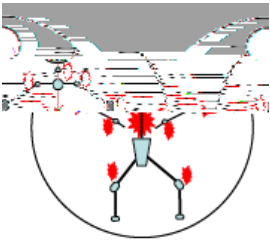
Repetitive pushing/pulling

Repetitive Material Handling Solutions

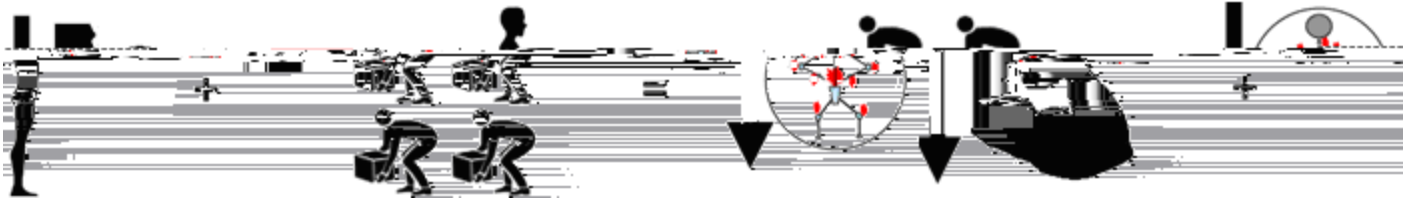


Use well-designed hoist for repetitive handling

Use roller conveyors to reduce repetitive lifting/handling



MSD Hazards & Solutions OTHER



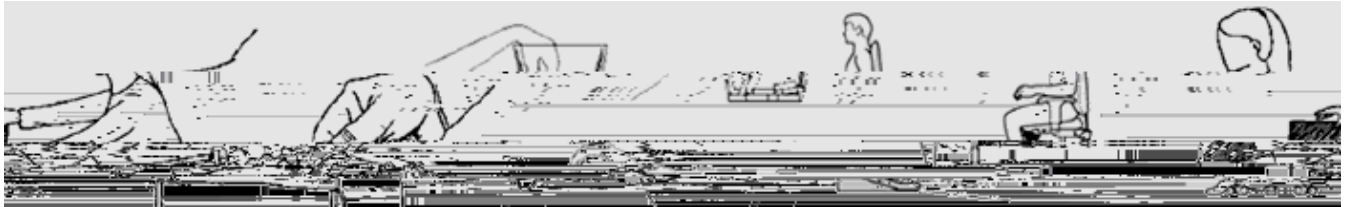
Lower Force

Good Posture

Less Repetition

Reduced MSD Risk

Contact Stress Hazards



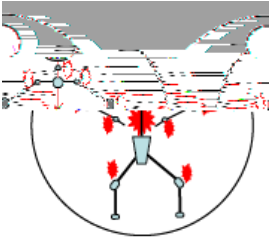
Tool digging into fingers/palm/hand

Sharp edges digging into wrist

Seat pan digging into back of the knee

Sharp edge digging into hand

1994-59-02-EMC /8.84on.4



MSD Hazards & Solutions OTHER

Vibration Hazards