



Hand Safety

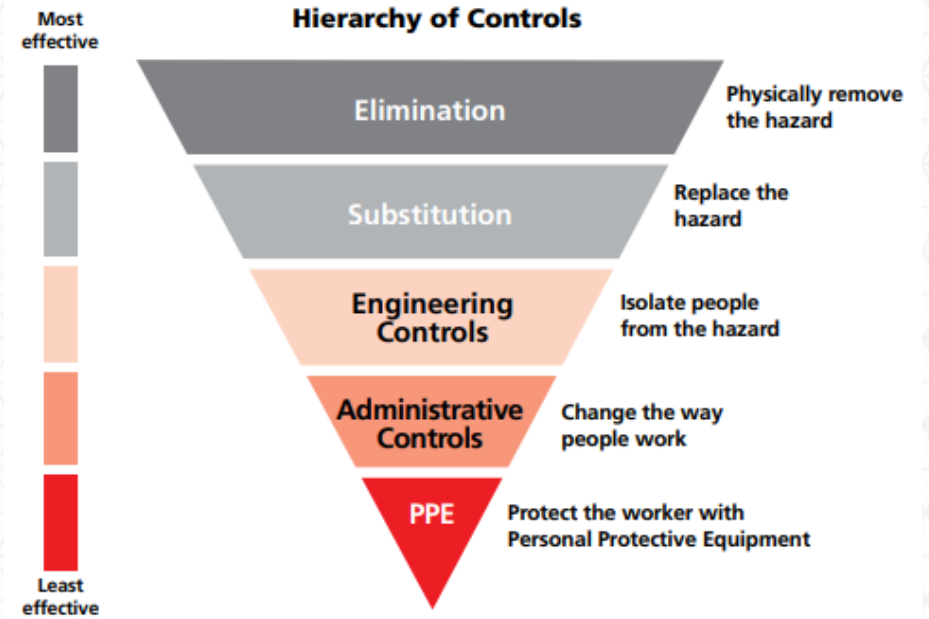
Whether gripping, moving or feeling, hands are critical to the majority of the physical work activity that we do.

We must not take our hands for granted, as they can easily become injured through hazards such as:

- Sharp objects
- Heavy Objects
- Pinch Points
- Hot and cold items
- Entanglement in rotating parts

Think about line of fire and hand placement during tasks.

- Can we put controls in place to move hands away from points of injury?
 - Push / Pull tools for manoeuvring crane lifted items.
 - Tool adaptors like finger savers.
- Are we Situational & Spatial aware?
 - Conducting 360°/20 second scans.
- Have we selected the best hand protection?



SAFETY MOMENT

Hand Safety



Hand Safety

How do you ensure your hands are not in the line of fire?



Line of Fire

Expect the unexpected

- A scaffolder was dismantling a scaffold structure.
- The scaffold fitting was easier to remove than anticipated.
- A tube slid free from the fitting that can normally be held by corrosion.
- The scaffolder grabbed the pole through natural reaction.
- This resulted in a pinch point injury with adjacent tube.



Struck hand with hammer

- The individual was removing bolts on a flange in a restricted space.
- They utilised a hammer to strike the flogging spanner.
- The hammer struck overhead pipework, changing trajectory.
- They struck their finger resulting in a laceration.



2 pairs of gloves were being used, 1 of which offered a medium mechanical protection, they were being worn over the second pair which offered a light mechanical protection.

Laceration during cleaning of a ruptured disc

- The task was to remove & replace a ruptured disc.
- On removal the assembly surface required cleaning.
- Nitrile gloves were worn with a focus on COSHH.
- Whilst handling the disc to clean it, they felt discomfort.
- They sustained a deep laceration to their finger from the razor-sharp edge.



Struck by fan blades

- During weekly emergency generator run
- There was an abnormal noise coming from the cooling fan.
- Inadvertently placed hands in line of fire whilst investigating noise.
- Fingers were struck by the fan blades.



Riser assembly lift

- The riser assembly was being lifted by the rig floor tigger. The riser became jammed due to alignment issues.
- The supervisor tried to free the riser assembly using his foot, balancing himself by holding onto the wire.
- The tigger operator attempted to lift the riser while the supervisor was holding the wire.
- The wire rotated rapidly, snagging the supervisors gloved hand resulting in the loss of a finger.



SAFETY MOMENT

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**STEP CHANGE
IN SAFETY**