PHILLIPS 66
HAND INJURY PREVENTION

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HAND INJURY PREVENTION

• U.S. Bureau of Labor Statistics (BLS) reports that hand injuries is one of the most common injuries.
  – Injuries include: lacerations, burns, strains/sprains, etc.
    • 70% of workers who experienced hand injuries were not wearing gloves
    • The remaining 30% of injured workers wearing gloves were due to: inadequate gloves, damaged gloves, or the wrong type of glove for the hazard.

• Why do hand injuries happen?
  – We use our hands to perform work
HAND INJURY PREVENTION IMPROVEMENTS

• **Inattentional Blindness** - The failure to notice a fully-visible, but unexpected object because attention was engaged on another task, event, or object.

• **Replace with curiosity**
  – Routine/Familiar tasks
  – ‘Auto pilot’ jobs
  – Challenge how it’s ‘always been’
  – Monitor your environment

• **Environment is Everything** - Take immediate corrective action, and perform a 20 Second Scan throughout your day to refocus your self.
HAND INJURY PREVENTION IMPROVEMENTS

• Better Tooling – Hand exposures can be further reduced by selecting tools which have “inherently safer design”
  – No pocket knifes – using tools cutting tools with blades covered, side-cutting pliers
  – Tool holders for striking tools
  – Flange alignment tools, flange spreaders, bolt backup wrenches, etc.
  – Grinder Safety – Anti-kickback clutch, no lock-on switches, soft-start features, etc.
Properly fitting, appropriate-for-the-task gloves are an important part of hand protection.

- Technology has improved! Time to embrace.
  - There are better gloves than the standard leather gloves for most tasks.
- Implemented a Multi-Hazard Gloves requirement (Cut, Impact, Puncture, Tear).
- Worked with JHSC to select gloves that provide the required protection and still offer comfort and dexterity.
- Vending machines increase accessibility.
Mult-Hazard Gloves

• Several quality brands to choose from

• Keys:
  – Review rating specifications
  – Review feedback on dexterity, comfort, and wear
  – No one glove can be used for all tasks
  – There is no silver bullet
HAND INJURY PREVENTION IMPROVEMENTS

• Changing Habits – Paradigm Shift
  – We get better at safety...

• Let technology be your friend
  – Tooling improvements
  – Glove improvements

• Use Hazard Awareness to stop and reevaluate yourself
  – 20 Second Scan