



human η tech[®]

The 30-Inch View™

10th Annual RSI Day

Uncovering Red Flag Jobs and How to Fix Them Now!

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Session Objectives

In this section I will:

- Define Ergonomics
- Provide guidance of where/how to start your ergonomic initiative,
- Guide you to identify low-cost/high-impact solutions,
- Prove that ergonomic improvements can be low cost, through examples

What is Ergonomics?



Ergon – work
Nomos – laws of

Ergonomics is the
laws of work that
define the limits of
human capability.

What is Ergonomics?

Ergonomics is...
a continuous improvement effort to design the workplace
for what people do well, and
design against what people
don't do well.

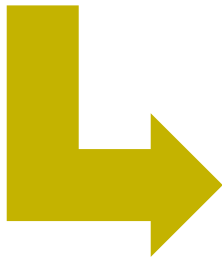


What is Ergonomics?



What is Ergonomics?

Ergonomics is fitting ~~the person to the job.~~
the job to the person.



What is Ergonomics?

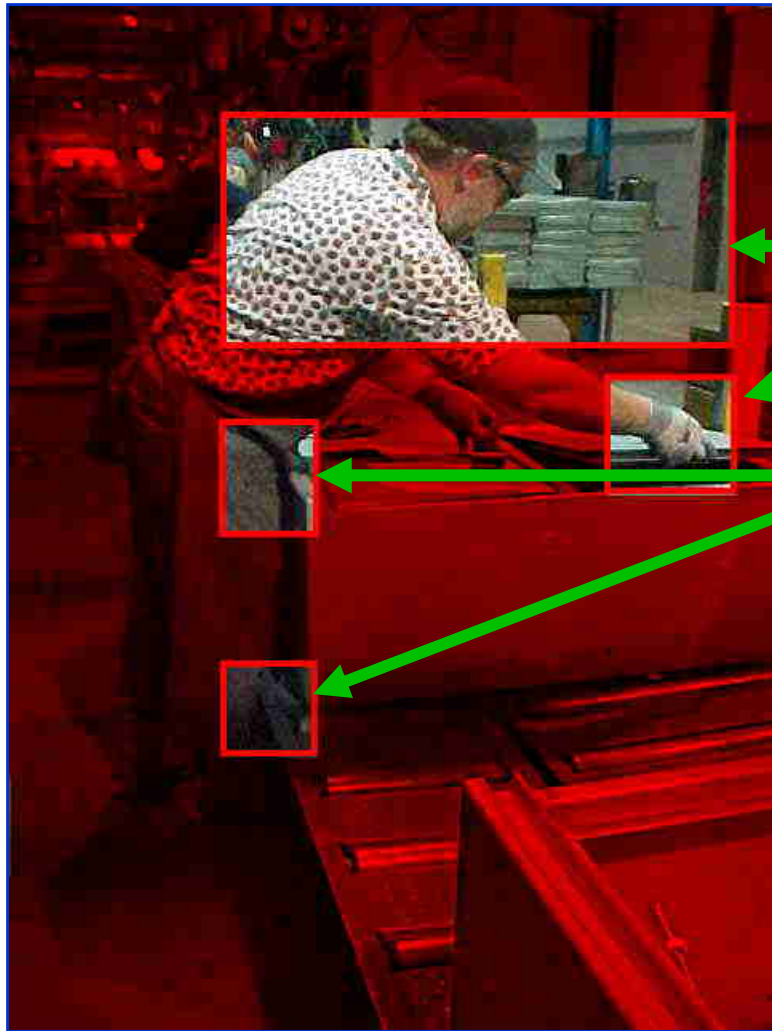
It's a



BLINDING FLASH

of Common Sense

Ergo Eyes



Find It

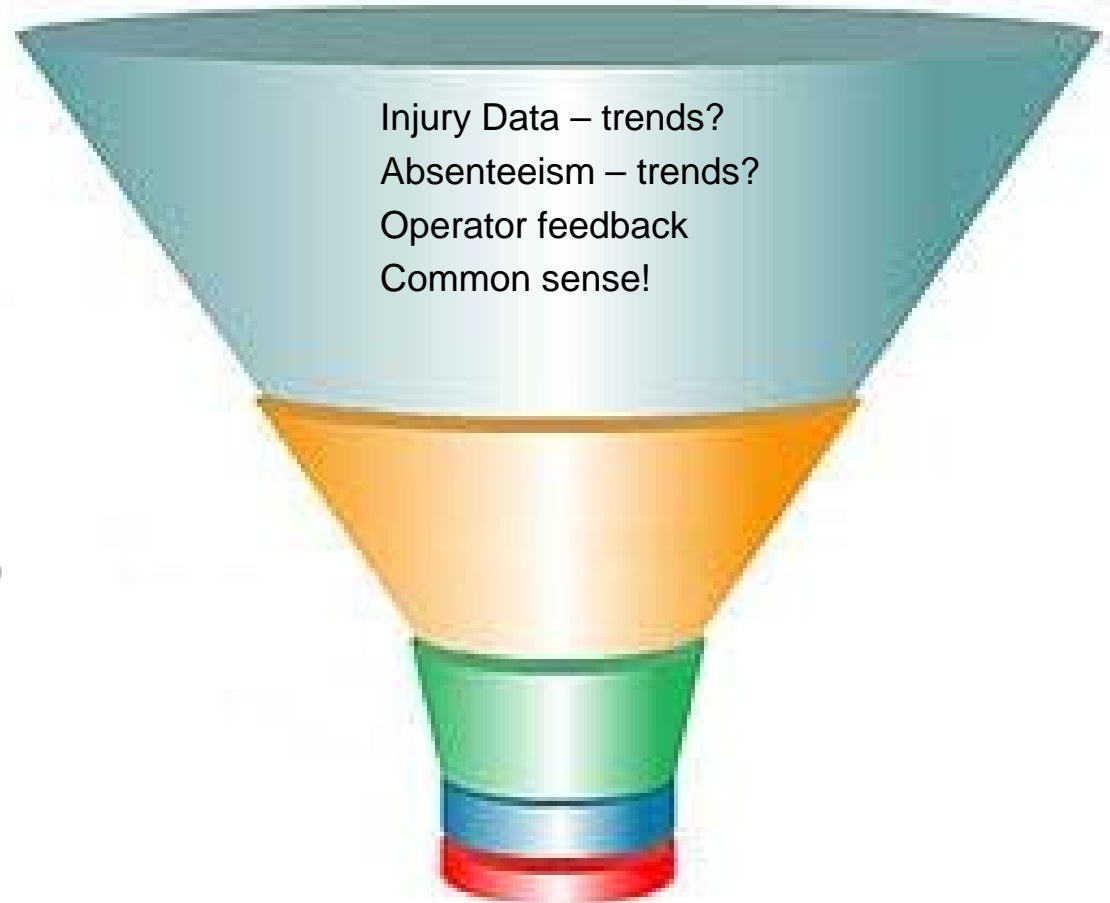
- Horizontal Reach
- Awkward hand/wrist
- Contact

The Funnel

Is there a problem?

How bad is it?

What do I do about it?

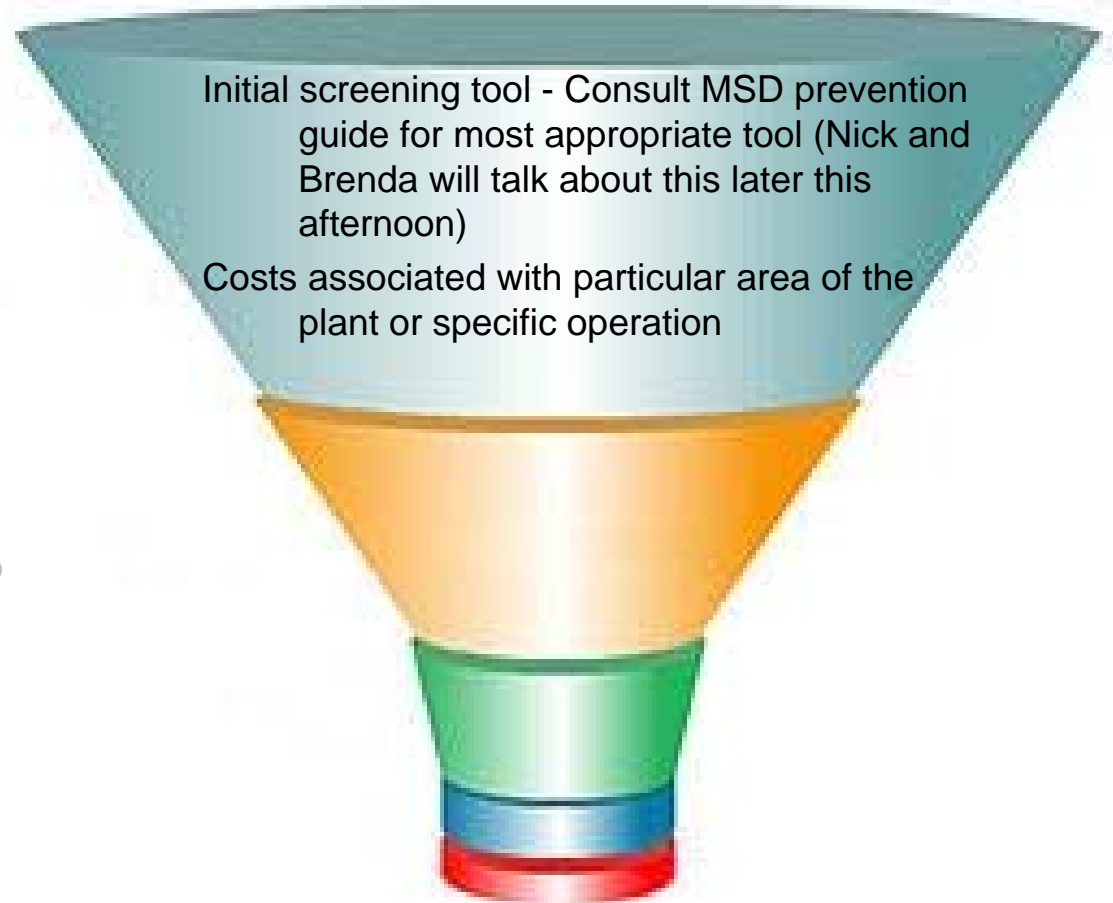


The Funnel

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The Funnel

Is there a problem?

How bad is it?

What do I do about it?



A hidden secret...

Ergonomics is an **Engineering** issue, not a health and safety issue.

- The majority of ergonomic issues are typically rooted in process and workstation design.
- Ergonomic issues only become health and safety concerns once an injury has occurred.
- Long-term fixes for ergonomic issues are typically related to engineering controls.

Accelerating Lean Success

You will find that you cannot inspire people to perform at a world-class level in a painful and punishing workplace.

Ergonomics creates a "win-win" for the operator:

- Removes pain and discomfort from their jobs.
- They play an active role in the improvement process.
- They experience quick and visible improvements.

Remove Pain and Discomfort

Ergonomic improvements that eliminate pain and improve well-being have tangible benefits and reduce motion waste.



Respectful Engagement



Engaging employees in the continuous improvement process ensures a positive perception of *lean* versus "*mean*" manufacturing.

Quick and Visible Improvements

Before



After





Your people matter...



A lot.



The 30-Inch ViewSM of
People and Performance

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