

Wasted Motion Work Area Set-Up



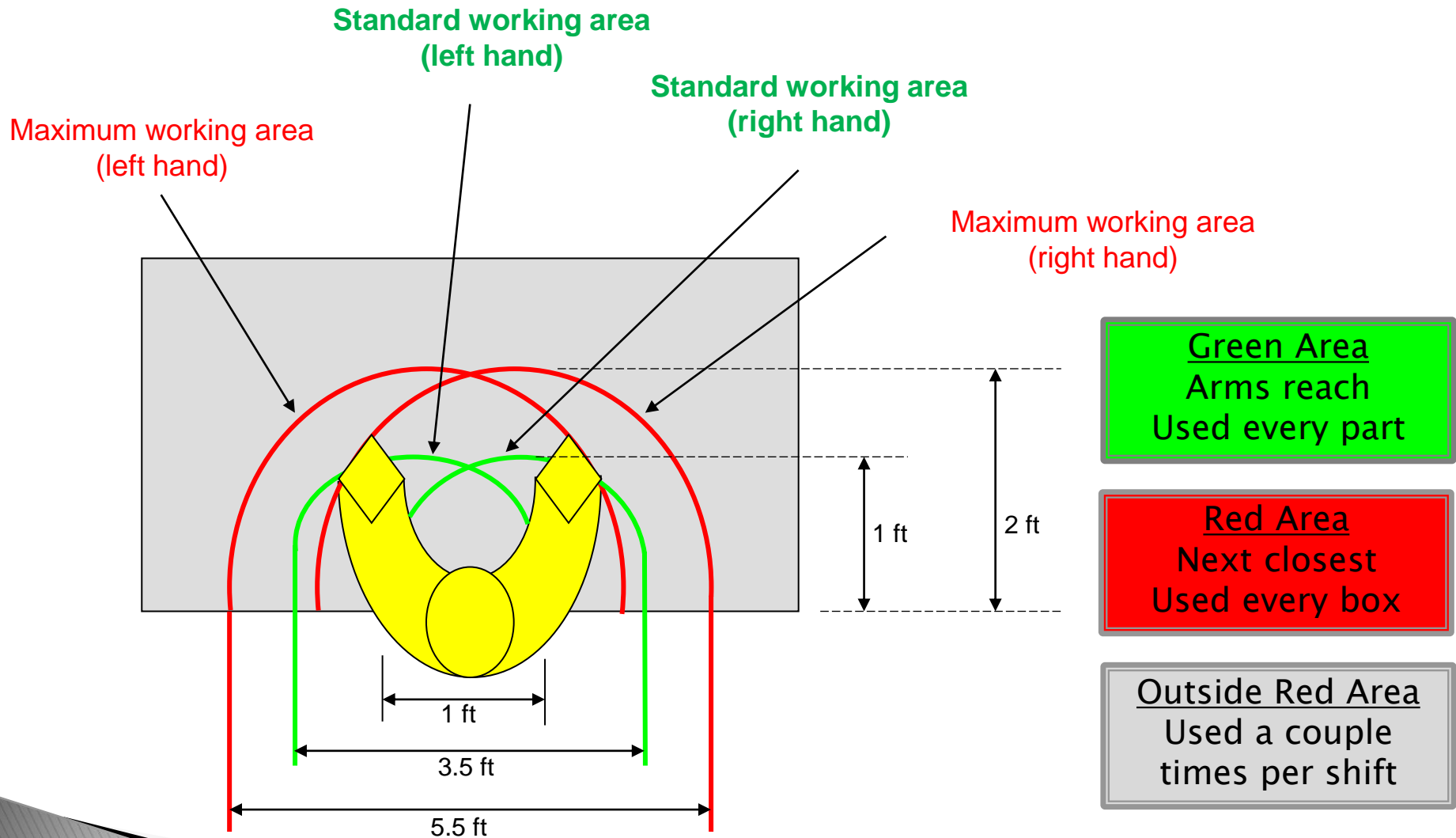
Wasted Motion

- ▶ Wasted motion is caused by:
 - Disorganization
 - Poor process layout
 - Poor sequence of work steps
- ▶ Examples:
 - Moving too much or travelling too far to accomplish tasks
 - Walking between work areas/stations to get tools or supplies
 - Bending or twisting

Motion Best Practices

- ▶ Keep things used each time at arms reach
 - Markers for witness marks on each part
 - Work instructions/sample parts
- ▶ Keep things used once a cycle at next closest point
 - BNC stickers for each box
 - Tape guns
 - Sort sheets
- ▶ Keep things used once or twice per shift farthest away
 - 100% tags for each pallet
- ▶ Keep things not used at all out of the work area

Motion – Inspection Station Set Up

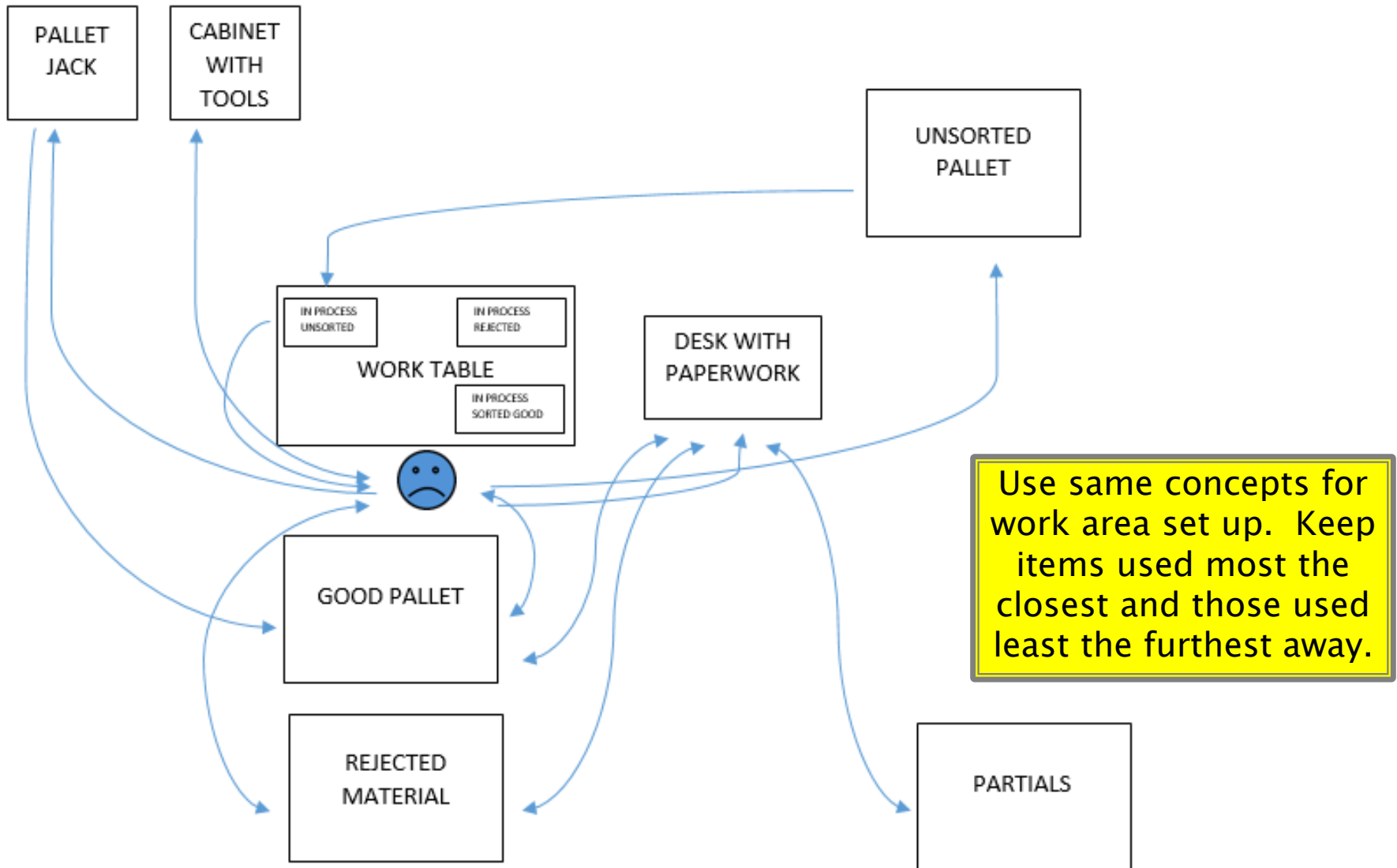


Green Area
Arms reach
Used every part

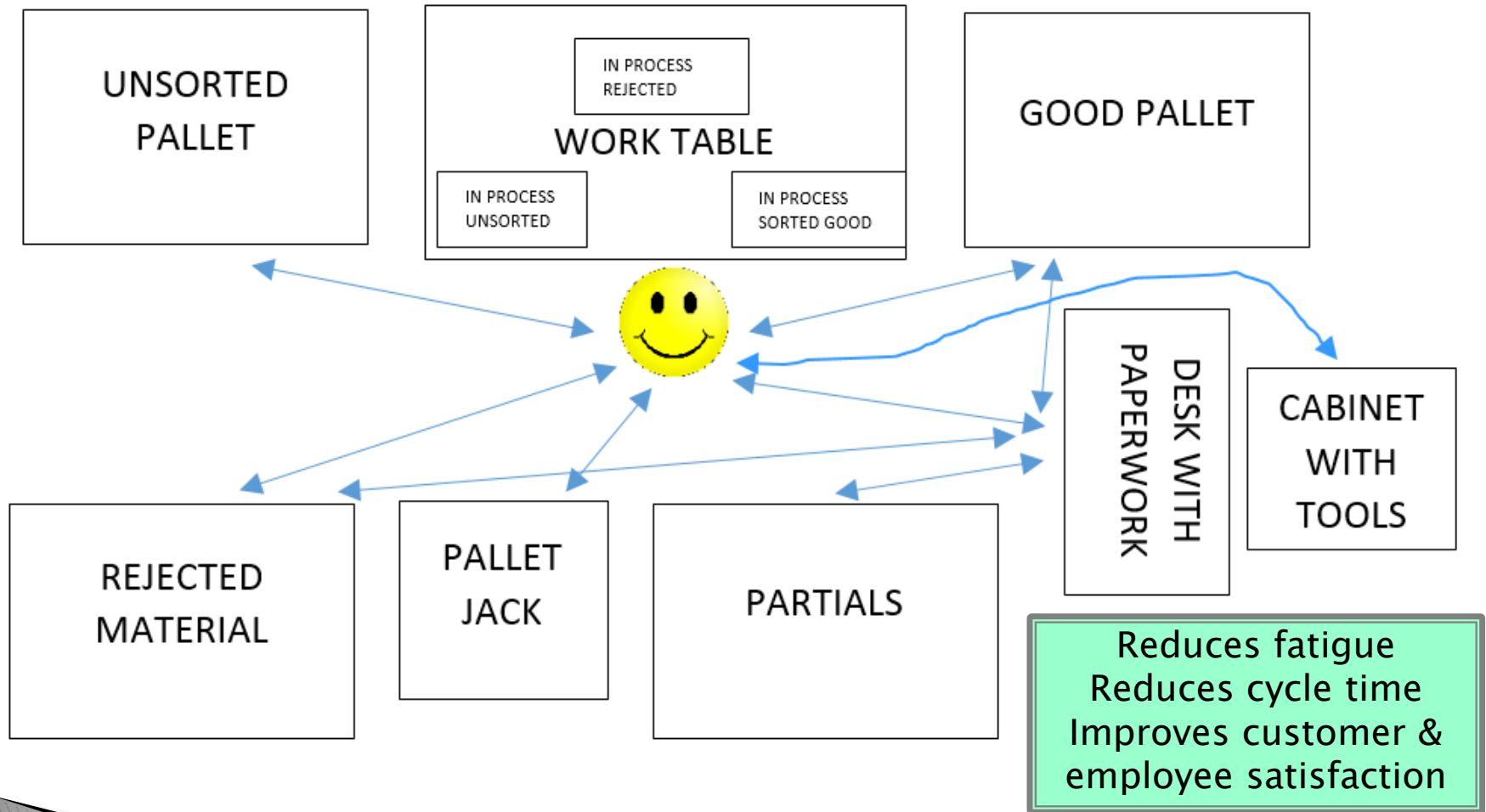
Red Area
Next closest
Used every box

Outside Red Area
Used a couple
times per shift

Motion – Inspection Area Set Up



Motion – Inspection Area Set Up



And, Finally...

- ▶ Wasted motion is also poor ergonomics and can lead to issues with backs, joints, and hands
- ▶ Consider motion when setting up any job including lifting, movement of the part, excessive walking, etc.
- ▶ Look for opportunities to reduce or simplify motion required

Click on the button below to take the quiz for this session.

QUIZ