



DESIGN SYSTEMS, INC.

Manufacturing Engineering & Consulting

Manufacturing IT Solutions

Error Proofing Quick Reference Guide

Our Manufacturing IT Solutions offer off-the-shelf functionality designed to eliminate the typical challenges encountered in manufacturing. They are highly scalable and cost effective and can be seamlessly integrated into new or existing processes with great ease. Our Error Proofing tools can help reduce waste in the form of defects and increase productivity in the modern manufacturing facility.

The Technology

Work Instruction Screens

Providing process guidance through graphics and video

eChecklist Screens

Text based work instruction list with operator feedback

Material Checks

Confirm material compliance or record serial numbers

Pick-to-Light

Providing a high level of process security

Kitting

Electronic delivery of picking and kitting instructions

Additional Resources

dsidsc.com/mits

"BOTTOM-LINE" RESULTS

- Reduced waste due to defects
- Increased quality
- Increased first-time-correct ratio
- Reduced rework activities

Customer Challenges

- Complex product and process
- High product variability
- High incidence of quality issues
- Inconsistent productivity
- High training cost



Work Instruction Screens and Pick-to-Light

ERROR PROOFING



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