

Powerful Training. Proven Results.





Presentation Overview

- About Paulson Training Programs
- Factors affecting Scrap Rate
- Solutions
- Benefits of Training

Please Ask Questions at Any Time



Paulson Training Programs

- Established in 1977
- Over 50,000 Trained by PTP During the Past 38 Years
- 4,000+ Companies Use Paulson Training
- Products & Services Developed in Cooperation with Industry Experts and Product Advisory Boards

"They have built confidence, a sense of accomplishment & pride in our workers, something they can take to the floor and apply!"

Gene Suret, Florida Production Engineering



Definition of Scrap

Any part or product manufactured that cannot be sold or fulfill its design goal.

AND

All raw material that doesn't end up in a finished part.

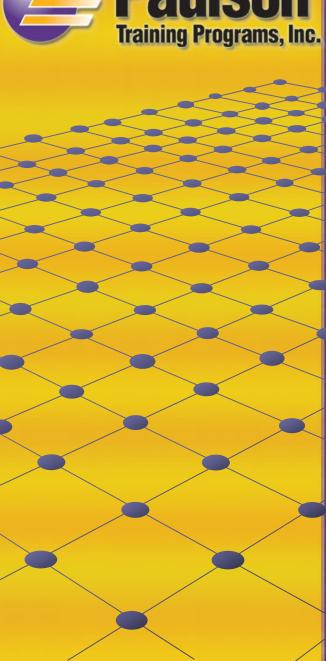




Causes of Scrap

- Reject rates higher than anticipated
- Cycle time (production rates) higher/lower than quoted
- Uptime/downtime worse than quoted
- Excessive time to 1st in-spec product
- Efficiency differences between shifts



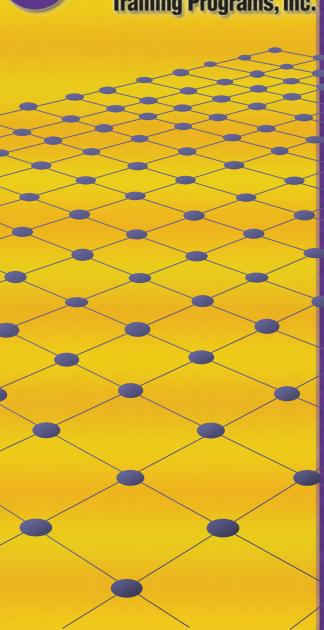




Causes of Scrap

- Maintenance
- Raw material availability
- Inventory control
- Shipping control







Causes of Scrap

- Scrap isn't just the bad parts you make, it's the parts you don't make due to inefficiency.
- Every scrap part you mold requires 2 – 3 good parts to break even.
 - Identify defects
 - Grind/discard them
 - Fix the problem and make good parts

"The Paulson products are EXCELLENT!"
Jim Proffitt, Rubbermaid



Identify short term causes:

- Plastic raw material
- Machine performance
- Mold/Die Issues
- Downstream Issues

"We operate 24 hours a day and the Paulson Interactive courses allow us to train all employees around our busy production schedule – without stopping machines!"

Gerald Galloway, Vinylex Corporation



Identify longer term causes:

- Manufacturing techniques
- Skills/knowledge of personnel
- Production equipment deficiencies
- Downstream Issues

"We operate 24 hours a day and the Paulson Interactive courses allow us to train all employees around our busy production schedule – without stopping machines!"

Gerald Galloway, Vinylex Corporation





Benchmark your equipment

Benchmark your raw material

Perform routine/preventative maintenance (not crisis maintenance)

Downstream Issues

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Gerald Galloway, Vinylex Corporation





Scrap doesn't create itself. People create scrap.

So your workforce can reduce or eliminate unnecessary scrap with proper techniques and knowledge.

Thank you for your time.



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