Team A: Plant Layout

Problem
- Product flow and congestion

Results
- Identified bottlenecks
- Understood production process
- Frequency of machine usage

Conclusion
- Proposed economically efficient plant layout

Team B: Tools

Problem
- Multiplicity of tools
- Lack of storage system

Results
- Reduced number of tools
- Recognized convenient storage location
- Implemented 5S strategies

Conclusion
- Metal shovels vs. plastic shovels
- 4 tooth rakes – Grinders
- 3 tooth rakes – Mixers
- Cords attached to scoops

IPRO 345 | Improving Food Packaging Processes

Background
- Third generation owned company since 1958
- Produces specialty lunch and deli meats
- Three manufacturing facilities:
  - Lansing, IL (Headquarters)
  - Madisonville, KY
  - Searcy, AR

Objectives
- Analyze traffic flow of product
- Prepare inventory of tools
- Identify storage locations

Methodology

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- Land O’Frost
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- IPRO Office

Gain feedback from plant workers

Analyzed Results

Measured machines and plant area