

# Quality Management

## Challenge

### High quality made efficient, sustainable, and repeatable:

The availability of real-time, contextualized information using a Manufacturing Operations Management (MOM) platform gives insight into poor quality and provides tools to take quick action on those insights, creating a closed-loop system of product quality management.

## Benefits

### Benefits of Quality Management:

- Improve Customer Satisfaction
- Reduce Costs of Poor Quality
- Standardize Production Processes
- Improve Regulatory Compliance

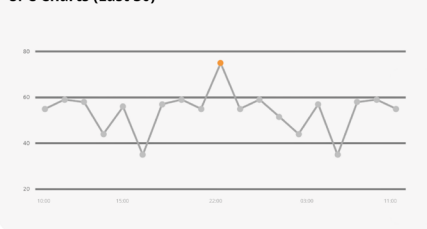
## Solutions

- ▶ Real-Time Quality Data Collection
- ▶ Revision & Control Documentation
- ▶ Scrap & Defects Management
- ▶ Real-Time Statistical Process Control (SPC)
- ▶ Historical Trends
- ▶ Customer Complaint Management
- ▶ Corrective Action Management
- ▶ MOM Infrastructure Provides:
  - Paperless
  - Scoreboards
  - Security
  - Tasks
  - Alerts
  - Journal
  - Historian
  - Dashboards
  - Reports
  - Mobility
  - Contextualized Information
  - Start Small & Expand

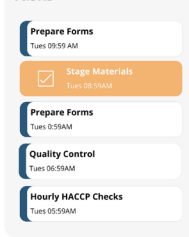
### Current Job Quality



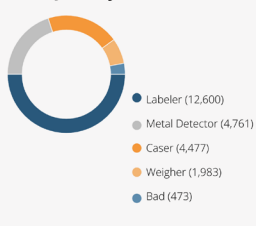
### SPC Charts (Last 30)



### Tasks



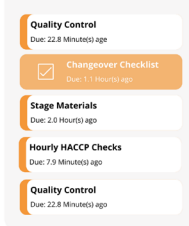
### Last 5 Jobs Reject Distribution



### Last 5 Jobs Quality

Job	Product	Good Bottles	Total Bottles	Quality
P4915	DRIS200	24,575.0	23,370.0	89.8%
P4914	ADRA500	14,969.0	19,818.0	89.0%
P4913	DRIS500	8,810.0	9,946.0	88.6%
P4912	ADRA500	15,557.0	19,059.0	81.6%
P4823	DRIS500	7,495.0	8,286.0	90.5%

### Overdue Tasks



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The solution(s) described herein were developed in part through Polytron's implementation of TrakSYS™—the modular MOM platform from Parsec Automation Corp., recognized by Gartner as Leader in March 2021 Magic Quadrant for MES.