

Advanced Planning and Scheduling – Quality Monitoring

Objective

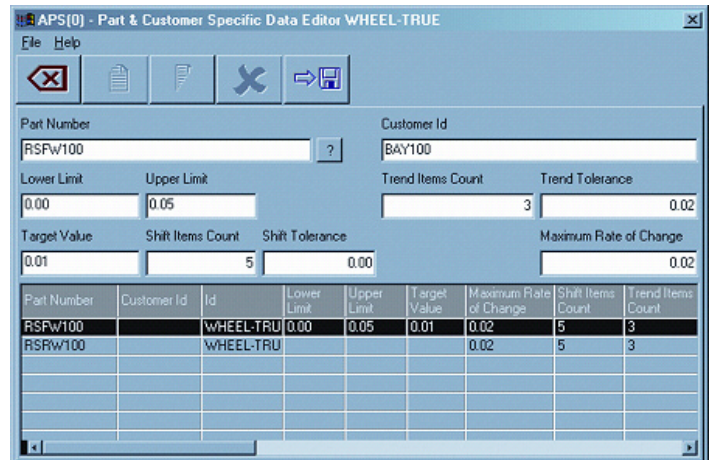
Quality Monitoring, as part of SYSPRO APS, will enhance quality control by checking for trends, flagging potential problems and analyzing data to support continuous production improvement.

The value of SYSPRO APS – Quality Monitoring

- Reduce scrap and manufacturing waste
- Catch wasteful trends before they happen
- Increase production capacity
- Increase inventory turns, thereby reducing inventory
- Improved quality decreases manufacturing costs per item
- Continuous improvements in manufacturing processes can assist with ISO and TQM certification

Matching Quality Monitoring to your business

- Real-time shop floor data collection
- Checks for trends and notifies if going out of tolerance
- Sends warnings to flag potential problems
- Analyzes collected data to support continuous improvements
- Quality Data Items (QDI) represent the measurements that are to be recorded during the life of a job
- QDI definitions can be added, edited or deleted
- Configuration details include multiple capturing of scopes & points
- Values for the Quality Data Items are captured either automatically from Shop Floor programs at specified progress points or manually



Part Number	Customer Id	Id	Lower Limit	Upper Limit	Target Value	Maximum Rate of Change	Shift Items Count	Trend Items Count
RSPW100	BAY100	WHEEL-TRU	0.00	0.05	0.01	0.02	5	3
RSRW100		WHEEL-TRU				0.02	5	3

Audit Trails and Reporting

- You can view and report on all quality data items and make manual entries as well
- An “Alert Viewer” reports on any quality data collection, including trend blips as they occur
- Unlimited reporting using Microsoft SQL®

Integration

- SYSPRO APS’s Quality Module integrates with Factory Planner, Finite Capacity Scheduling and Progress Tracking
- Integration may be on-line or in batch mode
- SYSPRO APS integrates the recording of quality parameters with the recording of progress data

