



MITTS



Plant Maintenance

Of all the sources of waste in the manufacturing environment, unplanned stoppages represent one of the largest contributors. From unreliable equipment to overly complex processes, these events can derail the goals of the manufacturing organization and result in substantial costs in both money and reputation. Fortunately, this type of waste is fairly easy to treat. Alongside a disciplined maintenance procedure, reliable and quantifiable data can help lead preventative maintenance activities in the right direction, targeting the root cause of downtime and measuring the effectiveness of remedial activities.

Top 10 Alarm Occurrences Last 24 Hours
Sorted By No. Occurrences

Execution Time: 11/23/2016 4:45:10 PM

Overall Top 10 Alarms Based on Total Number of Occurrences over last 24 Hours

Alarm	Alarm Message	Alarm Class	No. Events	Total Duration	Avg. Duration	Temporarily Disabled
OP00101	OP00101 OPERATOR OVER 1 HOUR TIME - [OP001_PIL_PARALLEL]	500 Public Warning	100	00:02:00	00:00:12	00:00:00
OP00102	OP00102 OPERATOR OVER 1 HOUR TIME - [OP001_PIL_PARALLEL]	500 Public Warning	75	00:01:45	00:00:12	00:00:00
OP00103	OP00103 OPERATOR OVER 1 HOUR TIME - [OP001_PIL_PARALLEL]	500 Public Warning	45	00:01:30	00:00:12	00:00:00
OP00104	OP00104 OPERATOR OVER 1 HOUR TIME - [OP001_PIL_PARALLEL]	500 Public Warning	30	00:01:15	00:00:12	00:00:00
OP00105	OP00105 OPERATOR OVER 1 HOUR TIME - [OP001_PIL_PARALLEL]	500 Public Warning	25	00:01:00	00:00:12	00:00:00
OP00106	OP00106 OPERATOR OVER 1 HOUR TIME - [OP001_PIL_PARALLEL]	500 Public Warning	20	00:00:45	00:00:12	00:00:00
OP00107	OP00107 OPERATOR OVER 1 HOUR TIME - [OP001_PIL_PARALLEL]	500 Public Warning	15	00:00:30	00:00:12	00:00:00
OP00108	OP00108 OPERATOR OVER 1 HOUR TIME - [OP001_PIL_PARALLEL]	500 Public Warning	10	00:00:15	00:00:12	00:00:00
OP00109	OP00109 OPERATOR OVER 1 HOUR TIME - [OP001_PIL_PARALLEL]	500 Public Warning	5	00:00:05	00:00:12	00:00:00
OP00110	OP00110 OPERATOR OVER 1 HOUR TIME - [OP001_PIL_PARALLEL]	500 Public Warning	2	00:00:02	00:00:12	00:00:00

Top 10 Alarms for Each Classification over last 24 Hours

Alarm	Alarm Message	Alarm Class	No. Events	Total Duration	Avg. Duration	Temporarily Disabled
OP00101	OP00101 OPERATOR OVER 1 HOUR TIME - [OP001_PIL_PARALLEL]	500 Public Warning	100	00:02:00	00:00:12	00:00:00
OP00102	OP00102 OPERATOR OVER 1 HOUR TIME - [OP001_PIL_PARALLEL]	500 Public Warning	75	00:01:45	00:00:12	00:00:00
OP00103	OP00103 OPERATOR OVER 1 HOUR TIME - [OP001_PIL_PARALLEL]	500 Public Warning	45	00:01:30	00:00:12	00:00:00
OP00104	OP00104 OPERATOR OVER 1 HOUR TIME - [OP001_PIL_PARALLEL]	500 Public Warning	30	00:01:15	00:00:12	00:00:00
OP00105	OP00105 OPERATOR OVER 1 HOUR TIME - [OP001_PIL_PARALLEL]	500 Public Warning	25	00:01:00	00:00:12	00:00:00
OP00106	OP00106 OPERATOR OVER 1 HOUR TIME - [OP001_PIL_PARALLEL]	500 Public Warning	20	00:00:45	00:00:12	00:00:00
OP00107	OP00107 OPERATOR OVER 1 HOUR TIME - [OP001_PIL_PARALLEL]	500 Public Warning	15	00:00:30	00:00:12	00:00:00
OP00108	OP00108 OPERATOR OVER 1 HOUR TIME - [OP001_PIL_PARALLEL]	500 Public Warning	10	00:00:15	00:00:12	00:00:00
OP00109	OP00109 OPERATOR OVER 1 HOUR TIME - [OP001_PIL_PARALLEL]	500 Public Warning	5	00:00:05	00:00:12	00:00:00
OP00110	OP00110 OPERATOR OVER 1 HOUR TIME - [OP001_PIL_PARALLEL]	500 Public Warning	2	00:00:02	00:00:12	00:00:00

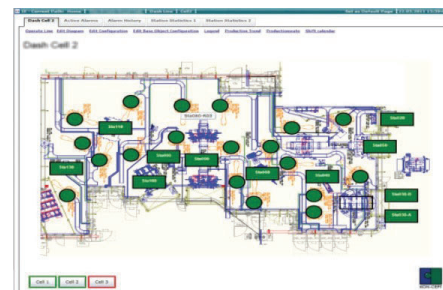


Real-World Applications

- Alarm Annunciation and Alerts**
Increases maintenance teams' reaction times with visual and mobile alerts.
- Reactive Maintenance Management**
Generates and manages maintenance orders based on unplanned events.
- Preventative Maintenance Management**
Prevent unplanned downtime with preventative maintenance triggers.
- Integration with Maintenance Systems**
Seamlessly integrates with your systems or functions as a stand-alone solution.
- Continuous Improvement Reports**
Focuses continuous improvement efforts through fact-driven event reports.

The DSI Advantage

Our Plant Maintenance module will help quickly and accurately transmit details of unplanned stoppage events to the maintenance team using tools such as overhead graphic displays, alarm status displays and mobile technology, can significantly shorten the downtime event. It is this timely communication that allows production to resume and in turn reduces cost and minimizes impact. Properly managed preventative maintenance schedules coupled with disciplined processes can reduce the occurrence of unplanned stoppages, thereby reducing lost production time. Proper analysis of historical downtime events can help to focus continuous improvement activities on the true root cause of unplanned stoppages. Regular use of these analysis tools can also help to show the effectiveness of continuous improvement efforts, providing a data driven measurable standard for future benchmarks.



DSI DELIVERS

- ◆ Faster reaction to unplanned stoppages.
- ◆ Improved focus for preventative maintenance activities.
- ◆ More disciplined maintenance.