

No systematic log of machine down time durations, reasons and occurrences

The machine operator is expected to record the reasons for downtime manually and this data is collected by the shift supervisor for making downtime reports. Since it is a manual entry, operators forget / avoid or delay recording the reasons. The reasons for major downtimes that are obvious are normally recorded but small downtimes that add up to a considerable amount are ignored and go unreported. Also small downtimes are practically difficult to measure and record. Small stoppages can be easily prevented by simple no-cost solutions, therefore they need to be tracked and reported. Another point here is due to the absence of factory wide uniform downtime reason codes, prioritizing the downtimes is not possible.

Solution

Whenever the machine is idle, however small may be duration, the wireless tracking device mPOD captures and records the downtime electronically direct from the machine. Accuracy and authenticity is 100% guaranteed. During the machine downtime the operator simply selects a preset downtime reason on the mPOD and pushes a button to record it. This data is processed and used to generate a variety of reports on machine downtimes.

Other benefits to you from this feature

Recording and reporting of:

- All the down time reasons
- Downtime duration of each reason and % down time
- Which is the most severe downtime reason?
- How many times has a specific reason occurred?

From	11/1/2007 6:00:00AM
Upto	11/5/2008 6:00:00AM
Asset	LT16-MC15

Downtime breakup



Downtime reason	Duration	% of total downtime	No. of occurrences	% of total occurrences
Manual loading	166:13:02	45.52	585.00	6.20
Load unload	95:56:52	26.28	8,345.00	88.48
Partsetup	35:53:32	9.83	30.00	0.32
Edge change	20:33:36	5.63	104.00	1.10
Meeting	17:50:54	4.89	6.00	0.06
Maintenance	10:07:23	2.77	31.00	0.33
Chip removal	07:04:19	1.94	30.00	0.32
Inspection	06:05:18	1.67	48.00	0.51
M/c breakdown	02:55:53	0.80	3.00	0.03
Bar Pusher	02:18:01	0.63	248.00	2.63
Tool change	00:09:06	0.04	1.00	0.01