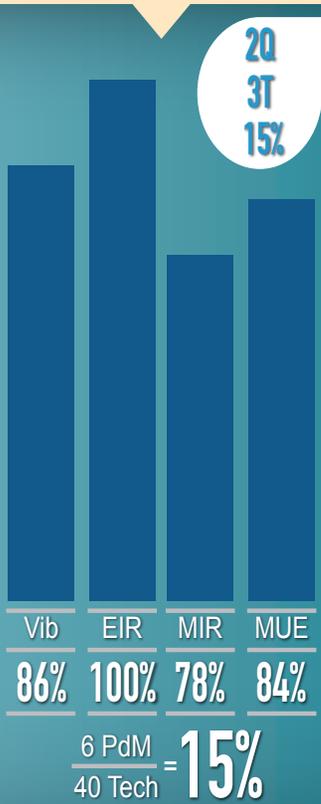


PdM PROGRAM DESIGN



Coverage Model



Route Compliance

720 (June 2013)

800 pieces of equipment

90%
Route Compliance

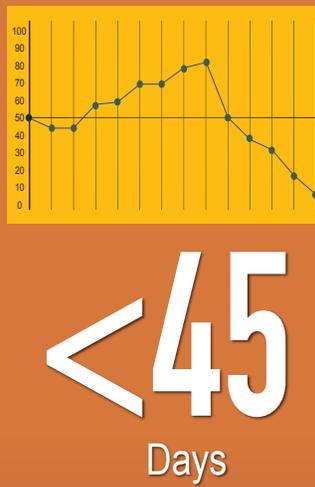
Corrective Work

350 hours of CPdM (July 2013)

1000 hours total maintenance work (July 2013)

35%
Results of PdM

Mean Time to Implement



QA / QC

100%
Quality Check

Asset Health

> 90%

1151 machines defect free

1245 machines in PdM Program

92.4%
Asset Health

Coverage Model:

In short, what Quartile Coverage do you fall within? Remember, this is based on Industry Specific Best Practices and will provide you with direction as to what % of your assets should be covered with CM versus PM, versus Routine Equipment Care, versus Run to Failure. Based on those percentages you will know which CM technologies to deploy and what percentage of your maintenance workforce will be supporting the CM program.

Route Compliance:

If our CM program design (based on coverage model) includes 800 pieces of equipment on a CM route at a set frequency (say monthly Vibration, Quarterly Mechanical Ultrasound, and Semi Annual Electrical Infrared) then what percentage of that equipment was collected and analyzed according to the set schedule or frequency? Your goal, regardless of quartile coverage should be 90% or greater.

Corrective Work:

This metric captures the percentage of the monthly corrective work (such as repairs, realignment, balancing, and so on) that is generated from the CM findings. To drive a proactive culture, your target should be 35% or more.

Mean Time to Implement:

This metric brings focus to the corrective action. This number is calculated from the time the defect is known and entered in as a work order until it is checked off that the corrective work has been completed. The desired goal for this metric should be less than 45 days

Quality Assurance / Quality Check:

This is in reference to all defects that have been identified with CM and corrective work has been performed. Once performed, the CM Analyst collects and analyzes a new set of data to ensure the corrective work has been performed successfully and the defect is no longer present. The goal...100% of the corrective work should be validated.

Asset Health:

Based on all the equipment being monitored, what percentage is defect free? The goal, greater than 90%.